
OWNER'S MANUAL

Operation
Maintenance
Specifications

All information in this Owner's Manual is current at the time of publication. However, Genesis Branded Vehicle reserves the right to make changes at any time so that our policy of continual product improvement may be carried out.

This manual applies to all models of this vehicle and includes descriptions and explanations of optional as well as standard equipment.

As a result, you may find material in this manual that does not apply to your specific vehicle.

Please note that some models are equipped with Right-Hand Drive (RHD). The explanations and illustrations for some operations in RHD models are opposite of those written in this manual.

CAUTION: MODIFICATIONS TO YOUR GENESIS VEHICLE

Your Genesis Branded Vehicle should not be modified in any way. Such modifications may adversely affect the performance, safety or durability of your Genesis Branded Vehicle and may, in addition, violate conditions of the limited warranties covering the vehicle. Certain modifications may also be in violation of regulations established by the Department of Transportation and other government agencies in your country.

TWO-WAY RADIO OR CELLULAR TELEPHONE INSTALLATION

Your vehicle is equipped with electronic fuel injection and other electronic components. It is possible for an improperly installed/adjusted two-way radio or cellular telephone to adversely affect electronic systems. For this reason, we recommend that you carefully follow the radio manufacturer's instructions or consult your authorized retailer of Genesis Branded products for precautionary measures or special instructions if you choose to install one of these devices.

SAFETY AND VEHICLE DAMAGE WARNING

This manual includes information titled as DANGER, WARNING, CAUTION and NOTICE. These titles indicate the following:

DANGER

DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

WARNING

WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

CAUTION indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTICE

NOTICE indicates a situation which, if not avoided, could result in vehicle damage.

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FOREWORD

Congratulations, and thank you for choosing Genesis vehicle. We are pleased to welcome you to the growing number of discerning people who drive Genesis vehicles. We are very proud of the advanced engineering and high-quality construction of each Genesis vehicle we build.

Your Owner's Manual will introduce you to the features and operation of your new Genesis vehicle. To become familiar with your new Genesis vehicle, so that you can fully enjoy it, read this Owner's Manual carefully before driving your new vehicle.

This manual contains important safety information and instructions intended to familiarise you with your vehicle's controls and safety features so you can safely operate your vehicle.

This manual also contains information on maintenance designed to enhance safe operation of the vehicle. It is recommended that all service and maintenance on your car be performed by an authorised Genesis repairer. An authorised Genesis repairer are equipped to provide high-quality service, maintenance and any other assistance that may be required.

This Owner's Manual should be considered a permanent part of your vehicle, and should be kept in the vehicle so you can refer to it at any time. The manual should stay with the vehicle if you sell it to provide the next owner with important operating, safety and maintenance information.

GENESIS MOTORS AUSTRALIA

CAUTION

Severe engine and transmission damage may result from the use of poor quality fuels and lubricants that do not meet Genesis vehicle specifications. You must always use high quality fuels and lubricants that meet the specifications listed in the "Recommended lubricants and capacities" section in chapter 2 of the Owner's Manual.

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AUSTRALIAN DESIGN RULES

The compliance plate shows that your vehicle has been tested and found to comply with all relevant Australian Design Rules (ADR's) applicable at its date of manufacture.

Any part, that is subject to these ADR's, must not be removed or altered and is to be maintained in good order at all times for the vehicle to be roadworthy and re-registerable by all registerable authorities.

We recommend that you consult an authorised Genesis repairer before conducting any repairs that may affect these areas or if requiring further classification on design rules or safety features. Failure to observe the above warning may render the vehicle compliance invalid and result in personal injury which may have otherwise been avoided.

HOW TO USE THIS MANUAL

We want to help you get the greatest possible driving pleasure from your vehicle. Your Owner's Manual can assist you in many ways. We strongly recommend that you read the entire manual. In order to minimise the chance of death or injury, you must read the WARNING and CAUTION sections in the manual.

Images complement the words in this manual to best explain how to enjoy your vehicle. By reading your manual, you will learn about features, important safety information, and driving tips under various road conditions.

The general layout of the manual is provided in the Table of Contents. Use the index when looking for a specific area or subject; it has an alphabetical listing of all information in your manual.

Sections: This manual has nine chapters plus an index. Each chapter begins with a brief list of contents so you can tell at a glance if that section has the information you want.

SAFETY MESSAGES

Your safety, and the safety of others, is very important. This Owner's Manual provides you with many safety precautions and operating procedures. This information alerts you to potential hazards that may hurt you or others, as well as damage your vehicle.

Safety messages found on vehicle labels and in this manual describe these hazards and what to do to avoid or reduce the risks.

Warnings and instructions contained in this manual are for your safety. Failure to follow safety warnings and instructions can lead to serious injury or death.

Throughout this manual DANGER, WARNING, CAUTION, NOTICE and the SAFETY ALERT SYMBOL will be used.



This is the safety alert symbol. It is used to alert you to potential physical injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death. The safety alert symbol precedes the signal words DANGER, WARNING and CAUTION.

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NOTICE indicates a situation which, if not avoided, could result in vehicle damage.

FUEL REQUIREMENTS

Petrol engine

Unleaded

For the optimal vehicle performance, we recommend you use unleaded petrol which has an octane rating of RON (Research Octane Number) 95 or higher. You may use unleaded petrol with an octane rating of RON 91- 94 but it may result in slight performance reduction of the vehicle. (Do not use methanol blended fuels)

Your new vehicle is designed to obtain maximum performance with UNLEADED FUEL, as well as minimise exhaust emissions and spark plug fouling.

NOTICE

NEVER USE LEADED FUEL. The use of leaded fuel is detrimental to the catalytic converter and will damage the engine control system's oxygen sensor and affect emission control.

Never add any fuel system cleaning agents to the fuel tank other than those specified (We recommend that you consult an authorised Genesis repairer for details.)



WARNING

- Do not top off after the nozzle automatically shuts off when refuelling.
 - Always check that the fuel cap is installed securely to prevent fuel spillage in the event of an accident.
-

Petrol containing alcohol and ethanol

Ethanol [E-10], a mixture of petrol and ethanol (also known as grain alcohol), is marketed along with or instead of leaded or unleaded petrol.

Do not use petrol containing more than 10% ethanol, and do not use petrol or ethanol containing any methanol. Either of these fuels may cause drivability problems and damage to the fuel system, engine control system and emission control system.

Discontinue using gasohol of any kind if drivability problems occur.

Vehicle damage or drivability problems may not be covered by the manufacturer's warranty if they result from the use of:

- Gasohol containing more than 10% ethanol.
- Petrol or gasohol containing methanol.
- Leaded fuel or leaded gasohol.

NOTICE

Never use gasohol which contains methanol. Discontinue use of any gasohol product which impairs drivability.

Other fuels

Using fuel additives such as:

- Silicone fuel additive
- MMT (Manganese, Mn) fuel additive
- Ferrocene (iron-based) fuel additive
- Other metallic-based fuel additives

May result in cylinder misfire, poor acceleration, engine stalling, damage to the catalyst, or abnormal corrosion, and may cause damage to the engine resulting in a reduction in the overall life of the powertrain.

NOTICE

Damage to the fuel system or performance problem caused by the use of these fuels may not be covered by your New Vehicle Limited Warranty.

Use of MTBE

Genesis vehicle recommends avoiding fuels containing MTBE (Methyl Tertiary Butyl Ether) over 15. 0% vol. (Oxygen Content 2.7% weight) in your vehicle.

Fuel containing MTBE over 15. 0% vol. (Oxygen Content 2.7% weight) may reduce vehicle performance and produce vapour lock or hard starting.

NOTICE

Your New Vehicle Limited Warranty may not cover damage to the fuel system and any performance problems that are caused by the use of fuels containing methanol or fuels containing MTBE (Methyl Tertiary Butyl Ether) over 15. 0% vol. (Oxygen Content 2.7% weight.)

Do not use methanol

Fuels containing methanol (wood alcohol) should not be used in your vehicle. This type of fuel can reduce vehicle performance and damage components of the fuel system, engine control system and emission control system.

Fuel Additives

Genesis recommends that you use unleaded petrol which has an octane rating of RON (Research Octane Number) 95 or higher.

For customers who do not use good quality petrols, and have problems starting or the engine does not run smoothly, adding one bottle of additives to the fuel tank is recommended according to the maintenance schedule (refer to the “Scheduled maintenance services” section in chapter 9).

Additives are available from your authorised Genesis repairer along with information on how to use them. Do not mix other additives.

Operation in foreign countries

If you are going to drive your vehicle in another country, be sure to:

- Observe all regulations regarding registration and insurance.
- Determine that acceptable fuel is available.

VEHICLE MODIFICATIONS

- This vehicle should not be modified. Modification of your vehicle could affect its performance, safety or durability and may even violate governmental safety and emissions regulations.

In addition, damage or performance problems resulting from any modification may not be covered under warranty.

- If you use unauthorised electronic devices, it may cause the vehicle to operate abnormally, wire damage, battery discharge and fire. For your safety, do not use unauthorised electronic devices.

NOTICE

Some warning sounds (including welcome/good-bye sound, etc.) are generated from the speakers or exterior amplifiers. If necessary, we recommend that you purchase a Genesis Part to replace a speaker or exterior amplifier. Any unauthorised product may cause a malfunction of the exterior amplifiers.

VEHICLE RUN-IN PROCESS

By following a few simple precautions for the first 1, 000 km you may add to the performance, economy and life of your vehicle.

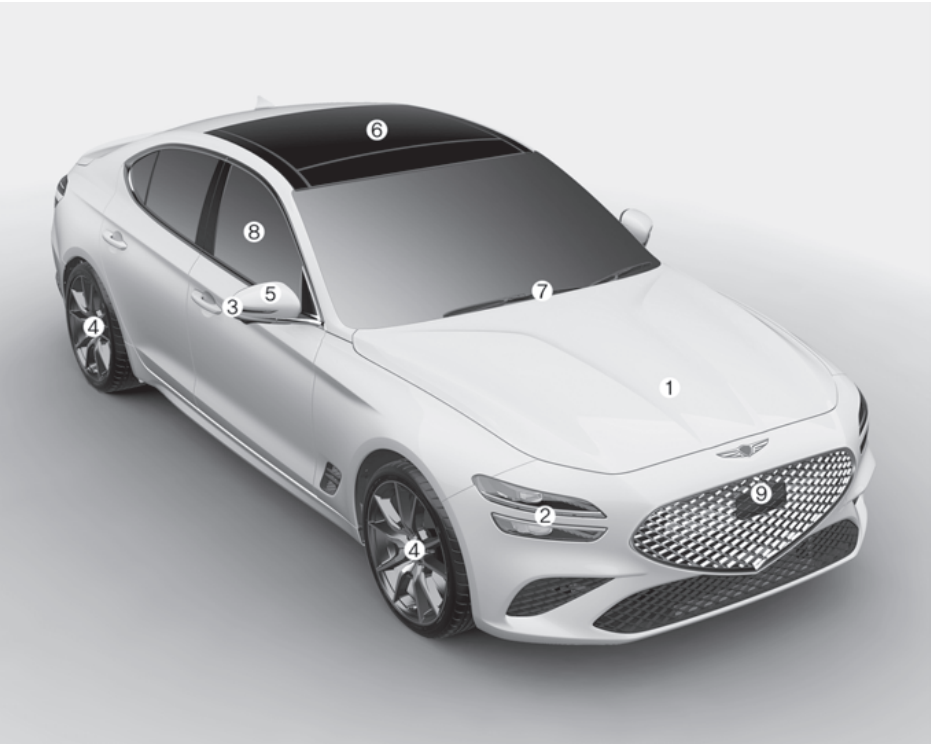
- Do not race the engine.
- Whilst driving, avoid sudden acceleration.
- Do not maintain a single speed for long periods of time, either fast or slow. Varying engine speed is needed to properly run-in the engine.
- Avoid hard stops, except in emergencies, to allow the brakes to seat properly.
- Fuel economy and engine performance may vary depending on vehicle run-in process and be stabilized after 6,000 km. New engines may consume more oil during the vehicle run-in period.
- Do not tow a trailer during the first 2,000 km of operation.

2. Vehicle information

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Exterior overview (Front view)

Sedan



The actual shape may differ from the image.

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(3) Side repeater lamps	9-65
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(5) Outside rearview mirror	5-28
(6) Sunroof	5-37
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Shooting Brake

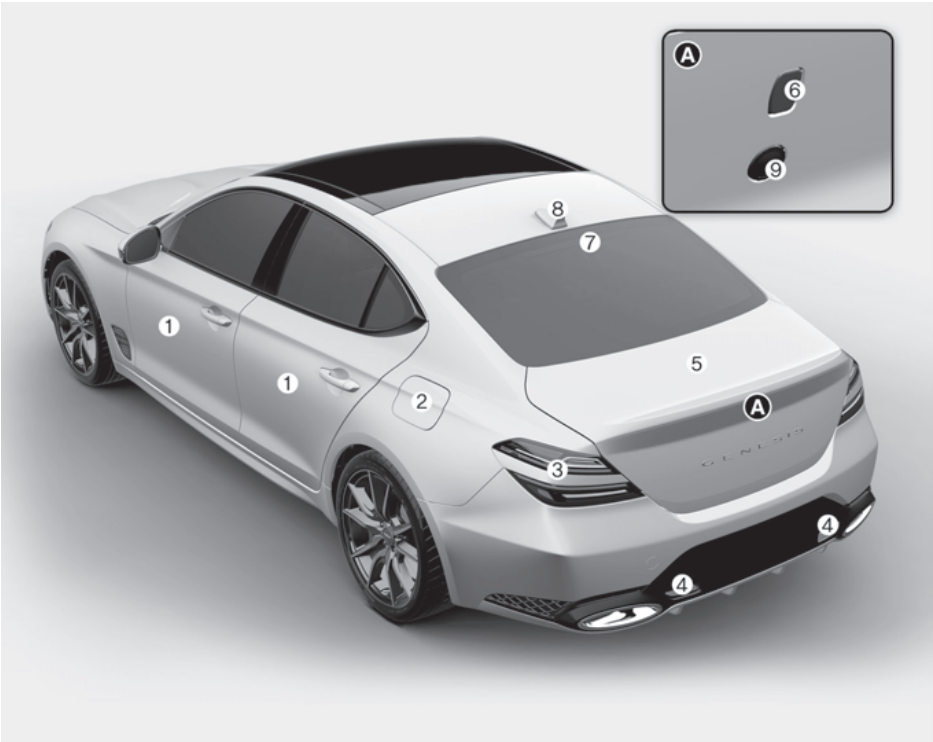


The actual shape may differ from the image.

(1) Bonnet	5-41
(2) Headlamps	5-63, 9-64
(3) Side repeater lamps	9-65
(4) Tyres and wheels	9-35
(5) Outside rearview mirror	5-28
(6) Sunroof	5-37
(7) Front windscreen wiper blades	5-78, 9-28
(8) Windows	5-32
(9) Front radar	7-3

Exterior overview (Rear view)

Sedan



The actual shape may differ from the image.

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(2) Fuel filler door	5-59
(3) Rear combination lamp	9-65
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(5) Boot	5-42
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(8) Antenna	5-113
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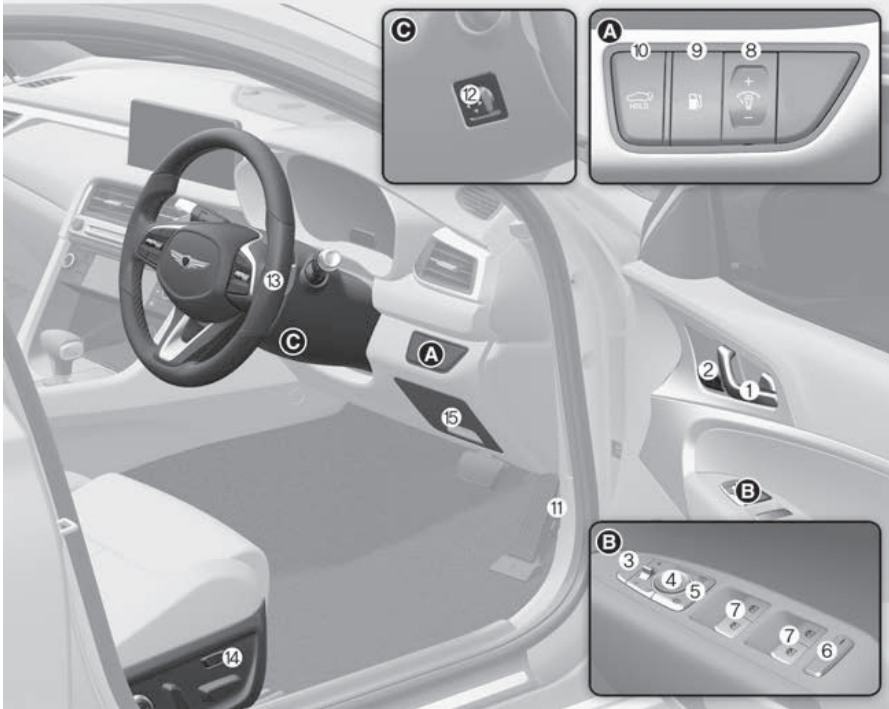
Shooting Brake



The actual shape may differ from the image.

(1) Door	5-13
(2) Fuel filler door	5-59
(3) Rear combination lamp	9-65
(4) Reverse lamp	9-65
(5) Tailgate	5-49
(6) Tailgate open button	5-52
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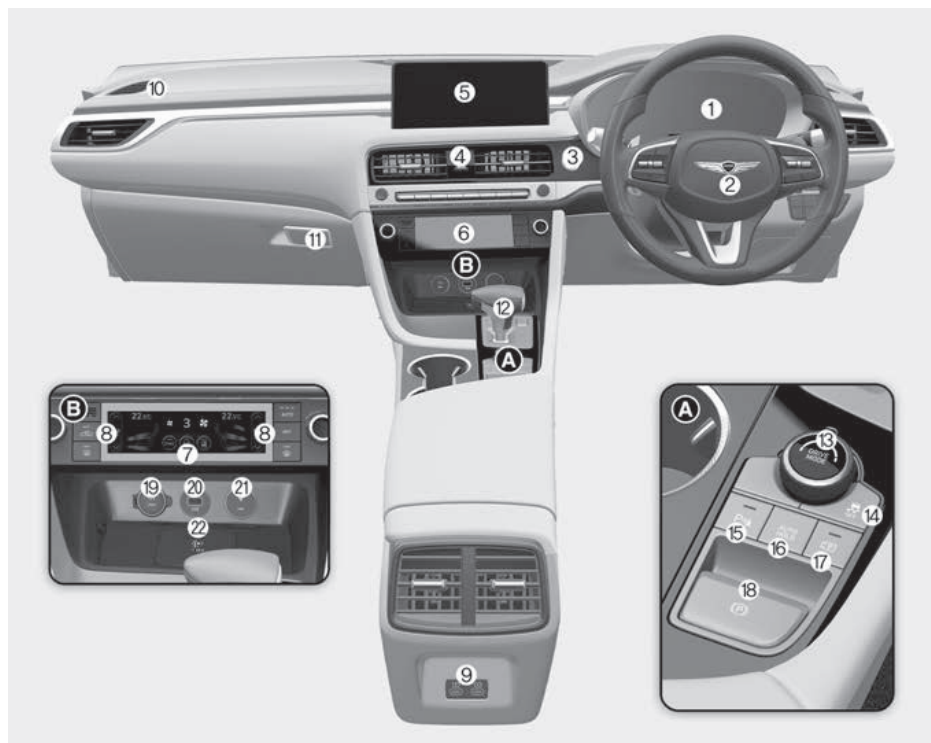
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The actual shape may differ from the image.

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Centre console overview



The actual shape may differ from the image.

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(16) Auto Hold button6-29

(17) Parking/View button..... 7-96,7-102

(18) EPB (Electronic Parking Brake) switch6-24

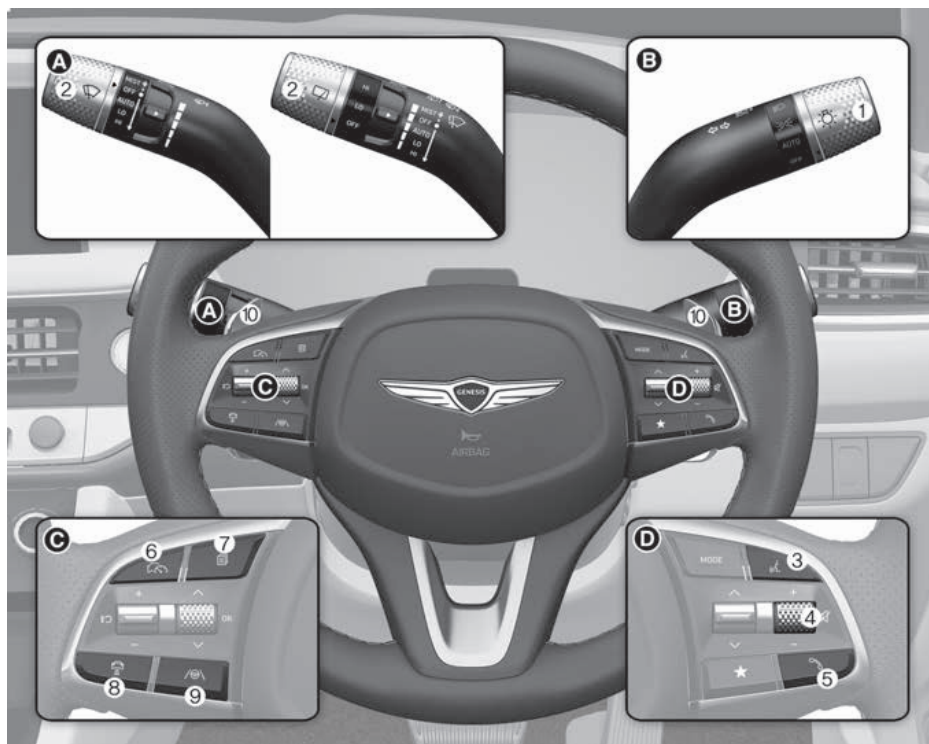
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Steering wheel control overview

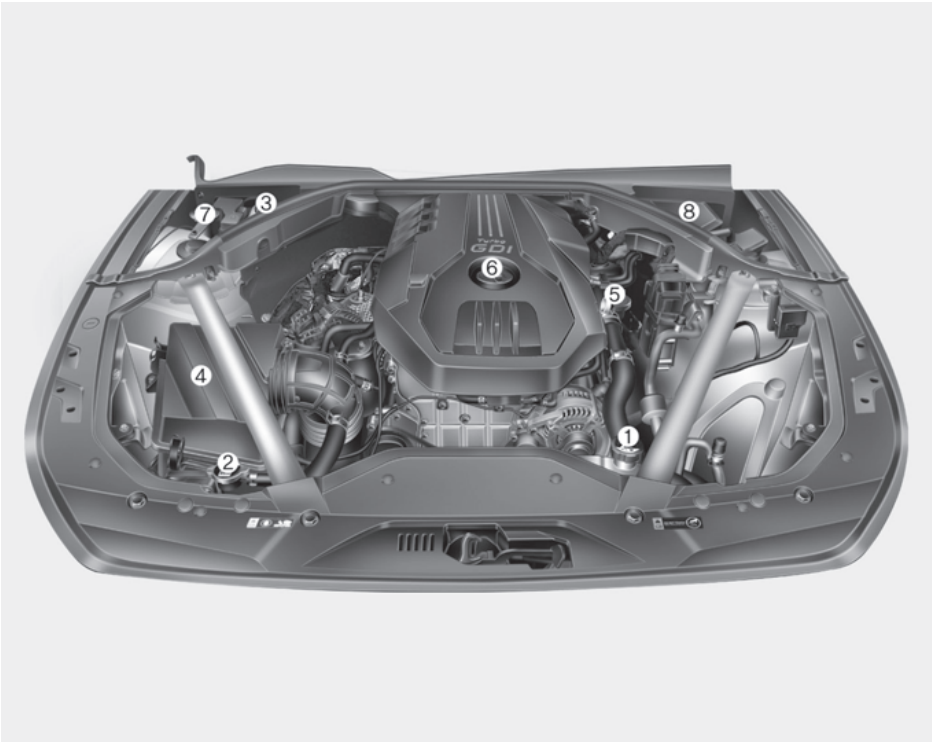


The actual shape may differ from the image.

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Engine compartment overview

2.0L T-GDI

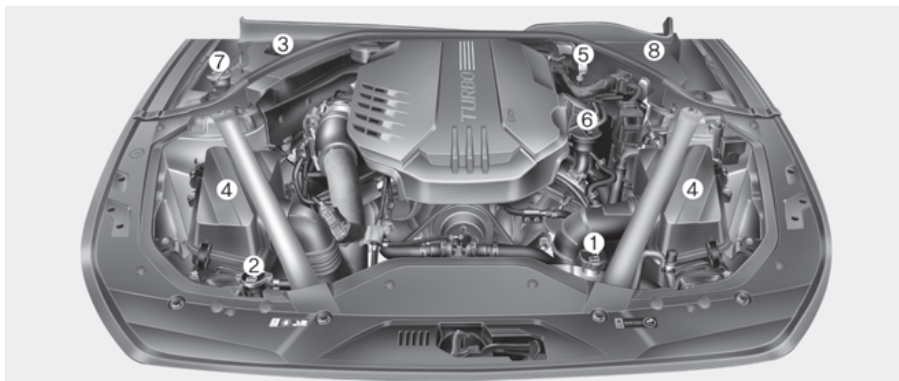


The actual engine compartment in the vehicle may differ from the image.

(1) Engine oil dipstick	9-21
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(7) Windscreen washer fluid reservoir.....	9-25
(8) Fuse box	9-43

*Battery is in the boot (or tailgate)

3.3L T-GDI



The actual engine compartment in the vehicle may differ from the image.

(1) Engine coolant reservoir	9-21
(2) Radiator cap	9-21
(3) Brake fluid reservoir	9-24
(4) Air cleaner	9-26
(5) Engine oil dipstick	9-18
(6) Engine oil filler cap	9-18
(7) Windscreen washer fluid reservoir.....	9-25
(8) Fuse box	9-43

*Battery is in the boot (or tailgate)

Dimensions

Sedan, Shooting Brake

Items		mm
Overall length		4,685
Overall width		1,850
Overall height		1,400
Front track	225/45 R18	1,596
	225/40 ZR19	1,596
Rear track	225/45 R18	1,632
	255/35 ZR19	1,604
Wheelbase		2,835

Engine

Engine	Displacement cc	Bore x Stroke mm	Firing order	No. of cylinders
2.0L T-GDI	1,998	86 x 86	1 -3-4-2	4
3.3L T-GDI	3,342	92 x 83.8	1 -2-3-4-5-6	6

Bulb wattage

Light bulb			Bulb type	Wattage
Front	Headlamp	Low	LED	LED
		High	LED	LED
	Turn signal lamp		LED	LED
	Parking lamp		LED	LED
	Daytime Running Lamp (DRL)		LED	LED
	Puddle lamp		LED	LED
Rear	Stop lamp		LED	LED
	Tail lamp		LED	LED
	Turn signal lamp		LED	LED
	Reverse lamp		LED	LED
	Licence plate lamp		LED	LED
	High mounted stop lamp		LED	LED
Interior	Map lamp		LED	LED
	Interior lamp		LED	LED
	Vanity mirror lamp		LED	LED
	Glove box lamp		LED	LED
	Mood lamp/Foot lamp		LED	LED
	Boot (or tailgate) lamp		LED	LED

Tyres and wheels

Items	Tyres size	Wheel size	Inflation pressure kPa (psi)				Wheel nut torque [kgf·m (lbf·ft, N·m)]
			Normal load		Maximum load		
			Front	Rear	Front	Rear	
Full size tyre	225/45R18	8.0J X 18	250 (36)	270 (39)	260 (38)	270 (39)	11~13 (79~94, 107~127)
	225/40ZR19	8.0J X 19	250 (36)	-	260 (38)	-	
	255/35ZR19	8.5J X 19	-	260 (38)	-	270 (39)	
Compact spare tyre	T135/80R18	4.0T X 18	420 (60)	420 (60)	420 (60)	420 (60)	

NOTICE

- Ambient temperature affects tyre pressure (about 7 kPa (1 psi) for every 7°C (12° F) change). If colder temperatures are anticipated, it is permissible to increase cold tyre inflation pressure by up to 20 kPa (3 psi) over the specification. If extreme temperature changes are expected, be sure to check and adjust tyre pressure accordingly.
- Tyre inflation pressure decreases with higher elevation, and increases with lower elevation (about 10 kPa (2.4 psi) for every kilometre (or mile) elevation change). Be sure to check and adjust tyre pressure accordingly when driving through changing elevations.
- Do not exceed the maximum inflation pressure, as found on the sidewall of the tyre(s).

CAUTION

When replacing tyres, ALWAYS replace with the same size, type, brand, construction and tread pattern supplied with the vehicle. If not, it can damage the related parts or make them work irregularly.

Air conditioning system

Item	Weight of volume	Classification
Refrigerant	600±25 g	R-134a
Compressor lubricant	100±10 g	PAG

We recommend that you contact an authorised Genesis repairer for more details.

Vehicle weight and luggage volume

Sedan

Item	2.0L T-GDI	3.3L T-GDI
	2WD	2WD
Gross vehicle weight	2,170 kg	2,240 kg
Luggage volume		
330 ℓ		

Shooting Brake

Item	2.0L T-GDI
	2WD
Gross vehicle weight	2,205 kg
Luggage volume	
465 ℓ	

Recommended lubricants and capacities

To help achieve proper engine and powertrain performance and durability, use only lubricants of the proper quality. The correct lubricants also help promote engine efficiency that results in improved fuel economy.

These lubricants and fluids are recommended for use in your vehicle.

Lubricant		Volume	Classification
Engine oil* ^{1,2} Recommends 	2.0L T-GDI	5.7 ℓ	API SN PLUS/SP or ILSAC GF-6 ³ SAE: 0W-30
	3.3L T-GDI	6.91 ℓ	ACEA A5/B5 ⁴ SAE: 5W-30
Automatic transmission fluid		9.2 ℓ	GS ATF SP-IV-RR, Genesis/HYUNDAI genuine ATF SP-IV-RR
Engine coolant	2.0L T-GDI	7.27 ℓ	Mixture of antifreeze and water (Phosphate-based Ethylene glycol coolant for aluminium radiator)
	3.3L T-GDI	10.5 ℓ	
Brake fluid ⁵		As required	SAE J1704 DOT-4 LV, FMVSS 116 DOT-4, ISO4925 CLASS-6
Rear differential oil ⁶ (without LSD)	2.0L T-GDI	1.2 ℓ	HYPOID GEAR OIL API GL-5 SAE 75W85 (SK HK SYN GEAR OIL 75W85 OR EQUIVALENT)
	3.3L T-GDI	1.3 ℓ	
Rear differential oil ^{6,7} (with LSD)	2.0L T-GDI	1.3 ℓ	HYPOID GEAR OIL API GL-5 SAE 75W85 (SK HK JL SYN LSD GEAR OIL 75W85 PLUS OR SK HK SYN GEAR OIL 75W85 FM PLUS)
	3.3L T-GDI	1.4 ℓ	
Fuel		60 ℓ	Refer to the "Fuel requirements" section in chapter 1.

*1 Refer to the "Recommended SAE viscosity number" section.

*2 If the above recommended specification oil is not available, SAE 0W-30 grade synthetic oil can be used. If mineral oil or semi-synthetic oil is used, it is a severe maintenance condition in terms of engine oil change.

*3 Requires < API SN PLUS (or above) Full synthetic > grade engine oil. If a lower grade engine oil (mineral oil including Semi-synthetic) is used, then the engine oil and engine oil filter must be replaced as required under severe maintenance conditions.

- *4 Requires <API Latest (or ILSAC Latest) or ACEA A5/B5 Full synthetic> grade engine oil. If a lower grade engine oil (mineral oil including Semi-synthetic) is used. Then the engine oil and engine oil filter must be replaced as required under severe maintenance conditions.
- *5 To maintain the best braking performance and ABS/ESC performance, we recommend that you use genuine brake fluid that conform to specifications.
- *6 Regardless of oil change intervals, replace oil immediately if Rear-Differential is submerged.
- *7 Be sure to inject oil for exclusive use of LSD when replacing Rear Differential Oil (if equipped with Limited Slip Differential).

Recommended SAE viscosity number

NOTICE

- Always be sure to clean the area around any filler plug, drain plug, or dipstick before checking or draining any lubricant. This is especially important in dusty or sandy areas and when the vehicle is used on unpaved roads. Cleaning the plug and dipstick areas will prevent dirt and grit from entering the engine and other mechanisms that could be damaged.
 - Never add any additives to the engine oil. Engine oil additives can change the properties of engine oil and may cause serious engine failure.
-

Engine oil viscosity (thickness) has an effect on fuel economy and cold weather operating (engine start and engine oil flowability). Lower viscosity engine oils can provide better fuel economy and cold weather performance, however, higher viscosity engine oils are required for satisfactory lubrication in hot weather. Using oils of any viscosity other than those recommended could result in engine damage.

When choosing an oil, consider the range of temperature your vehicle will be operated in before the next oil change. Proceed to select the recommended oil viscosity from the chart.

Temperature Range for SAE Viscosity Numbers										
Temperature	°C	-30	-20	-10	0	10	20	30	40	50
	(°F)	-10	0	20	40	60	80	100	120	
2.0L T-GDI ^{*1}		0W-30								
3.3L T-GDI ^{*2}		20W-50								
		15W-40								
		10W-30								
		5W-30, 5W-40								

*1 Requires <API SN PLUS (or above) Full synthetic> grade engine oil. If a lower grade engine oil (mineral oil including Semi-synthetic) is used, then the engine oil and engine oil filter must be replaced as required under severe maintenance conditions.

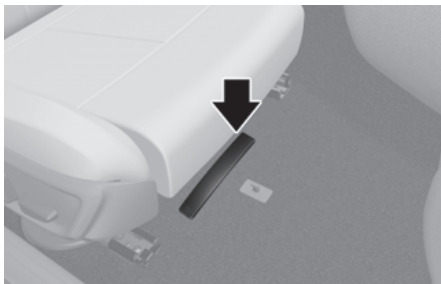
*2 For better fuel economy, it is recommended to use the engine oil of a viscosity grade SAE 5W-30. However, if the engine oil is not available in your country, select the proper engine oil using the engine oil viscosity chart.



An engine oil displaying this American Petroleum Institute (API) Certification Mark conforms to the International Lubricant Specification Advisory Committee (ILSAC). It is recommended that you only use engine oils that uphold this API Certification Mark.

Vehicle Identification Number (VIN)

Frame number



The vehicle identification number (VIN) is the number used in registering your vehicle and in all legal matters pertaining to its ownership, etc.

The number is punched on the floor under the right front seat. To check the number, open the cover.

VIN label (if equipped)



The VIN is also on a plate attached to the top of the left side instrument panel. The number on the plate can easily be seen through the windscreen from outside.

Vehicle certification label



The vehicle certification label attached on the driver's (or front passenger's) side centre pillar gives the vehicle identification number (VIN).

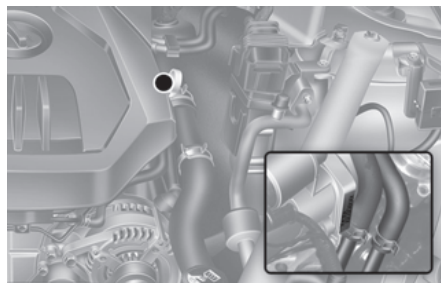
Tyre specification and pressure label



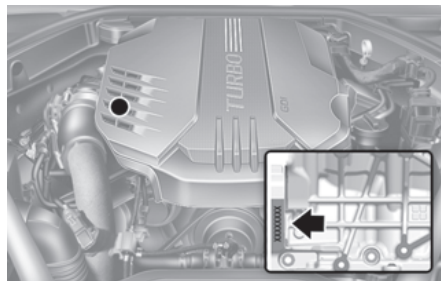
The tyres supplied on your new vehicle are chosen to provide the best performance for normal driving. The tyre label located on the driver's side centre pillar gives the tyre pressures recommended for your vehicle.

Engine number

2.0L T-GDI



3.3L T-GDI

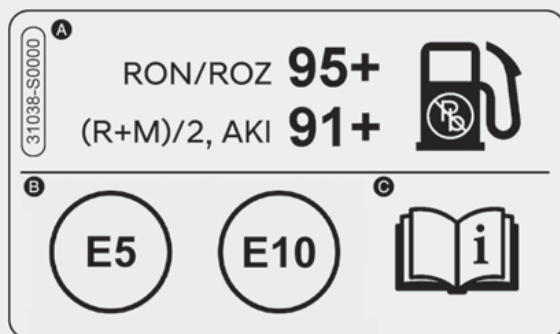


The engine number is stamped on the engine block as shown on the images above.

Fuel label

 if equipped

The fuel label is attached on the fuel filler door.



- A. Octane rating of unleaded petrol
 1. RON/ROZ : Research Octane Number
 2. (R+M)/2, AKI : Anti Knock Index
- B. Identifiers for Petrol-type fuels
 - This symbol means usable fuel. Do not use any other fuel.
- C. For more information, refer to the “Fuel requirements” section in chapter 1.

Open Source Software Notice

This vehicle contains software with open source licences.

Open source software information including the source code, copyright notices and referred licence terms may be obtained on the website

<https://www.genesis.com/worldwide/en/opensource.html>

Hyundai Motor Company will provide the open source code to you in storage medium such as CD-ROM for minimum charge covering the cost of performing source distribution upon email request to opensource@genesis.com within a period of 3 years from the date of product purchase.

3. Safety systems

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Important safety precautions

You will find many safety precautions and recommendations throughout this section, and throughout this manual. The safety precautions in this section are among the most important.

Always wear your seat belt

A seat belt is your best protection in all types of accidents. Airbags are designed to supplement seat belts, not to replace them. So even though your vehicle is equipped with airbags, ALWAYS make sure you and ALL passengers wear a seat belt, and wear them properly.

Restrain all children

All children under age 13 should travel in your vehicle properly restrained on a rear seat, not the front seat. Infants and small children should be restrained in an appropriate Child Restraint System. Larger children should use a booster seat with the lap/shoulder belt until they can use the seat belt properly without a booster seat.

Airbag hazards

Whilst airbags can save lives, they can also cause serious or fatal injuries to occupants who sit too close to them, or who are not properly restrained. Infants, young children, and short adults are at the greatest risk of being injured by an inflating airbag. Follow all instructions and warnings in this manual.

Driver distraction

Driver distraction presents a serious and potentially deadly danger, especially for inexperienced drivers. Safety should be the first concern when behind the wheel and drivers need to be aware of the wide array of potential distractions, such as drowsiness, reaching for objects, eating, personal grooming, other passengers, and using mobile phones.

Drivers can become distracted when they take their eyes and attention off the road or their hands off the wheel to focus on activities other than driving. To reduce your risk of distraction and an accident:

- Set up your mobile devices (for example, MP3 players, phones, navigation units, etc.) ONLY when your vehicle is parked or safely stopped.
- ONLY use your mobile device when allowed by laws and conditions permit safe use. NEVER text or email whilst driving. Most countries have laws prohibiting drivers from texting. Some countries and cities also prohibit drivers from using handheld phones.
- NEVER let the use of a mobile device distract you from driving. You have a responsibility to your passengers and others on the road to always drive safely, with your hands on the wheel as well as your eyes and attention on the road.

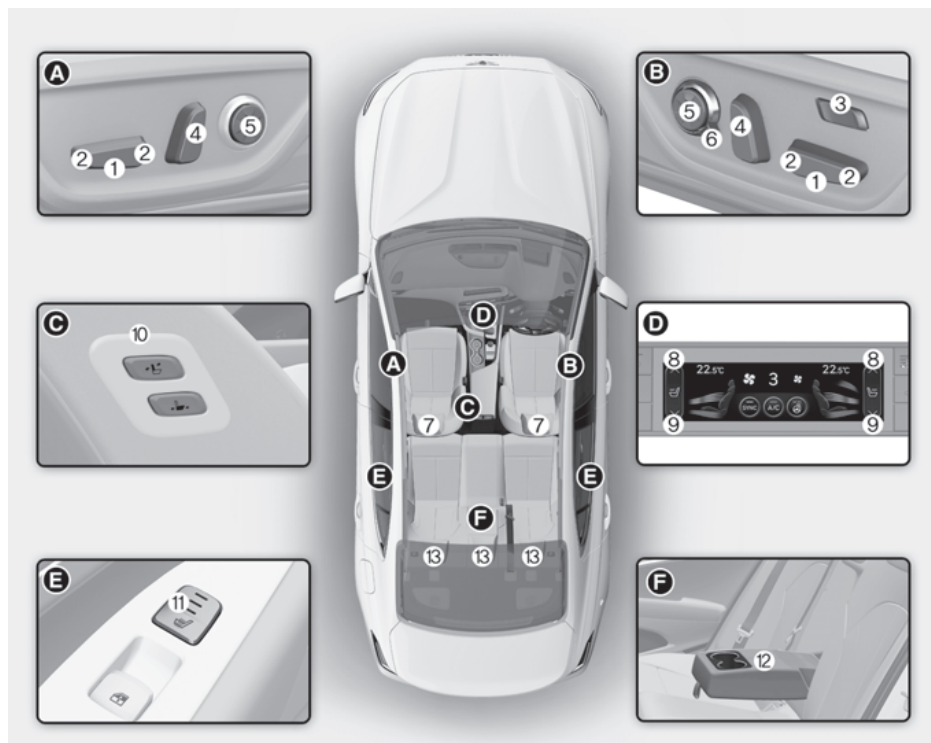
Control your speed

Excessive speed is a major factor in crash injuries and deaths. Generally, the higher the speed, the greater the risk, but serious injuries can also occur at lower speeds. Never drive faster than is safe for current conditions, regardless of the maximum speed posted.

Keep your vehicle in safe condition

Having a tyre blowout or a mechanical failure can be extremely hazardous. To reduce the possibility of such problems, check your tyre pressures and condition frequently, and perform all regularly scheduled maintenance.

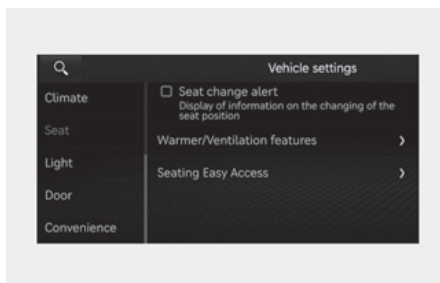
Seats



The actual shape may differ from the image.

- (1) Forward and rearward
- (2) Seat height/Seat cushion angle
- (3) Cushion extension
- (4) Seatback angle
- (5) Lumbar support
- (6) Seat back bolster
- (7) Front headrest
- (8) Front seat warmer
- (9) Front air ventilation seat
- (10) Walk-in switch (passenger's side)
- (11) Rear seat warmer
- (12) Armrest
- (13) Rear headrest

Infotainment system



Select **Settings > Vehicle > Seat** from the Settings menu in the infotainment system, you may use various convenience functions.

- **Seat change alert:** Detailed information of the seat switch and image appear when the driver's seat position moves.
- **Warmer/Ventilation Features**
 - **Warmer/ventilation based on climate settings** (for driver's seat): The seat temperature is automatically controlled.
- **Seating Easy Access**
 - **Easy steering access:** Moves the steering wheel when the driver enters or leaves the vehicle.
 - **Easy seat access:** The distance (**Normal/Extended/Off**) the seat automatically moves when the driver enters or leaves the vehicle may be selected.

i Information

- The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.
 - The information provided may differ depending on which functions are available on your vehicle.
-

Safety precautions

Adjusting the seats so that you are sitting in a safe and comfortable position plays an important role for the safety of the driver and passengers, as much as seat belts and airbags when in an accident.

WARNING

Do not use a cushion that reduces friction between the seat and the passenger. The passenger's hips may slide under the lap portion of the seat belt during an accident or a sudden stop.

Serious or fatal internal injuries could result because the seat belt cannot operate properly.

Airbags

You can take steps to reduce the risk of being injured by an inflating airbag. Sitting too close to an airbag greatly increases the risk of injury in the event the airbag inflates. Move your seat as far back as possible from front airbags, whilst still maintaining control of the vehicle.

WARNING

To reduce the risk of serious injury or death from an inflating airbag, take the following precautions:

- Adjust the driver's seat as far to the rear as possible whilst maintaining the ability to control the vehicle.
- Adjust the front passenger seat as far to the rear as possible.
- Hold the steering wheel by the rim with your hands at the 9 o'clock and 3 o'clock positions to minimise the risk of injuries to your hands and arms.
- Never place anything or anyone between you and the airbag.
- Do not allow the front passenger to place feet or legs on the instrument panel to minimise the risk of leg injuries.

Seat belts

Always fasten your seat belt before starting any trip. At all times, passengers should sit upright and be properly restrained. Infants and small children must be restrained in appropriate Child Restraint Systems. Children who have outgrown a booster seat and adults must be restrained using the seat belts.

WARNING

To prevent serious injury or death:

- Never use one seat belt for more than one occupant.
- Always position the seatback upright with the lap portion of the seat belt snug and low across the hips.
- Never allow children or small infants to travel on a passenger's lap.
- Do not route the seat belt across your neck, across sharp edges, or reroute the shoulder strap away from your body.
- Do not allow the seat belt to become caught or jammed.

Front seats

The front seat can be adjusted by using the control switches located on the outside of the seat cushion. Before driving, adjust the seat to the proper position so that you can easily control the steering wheel, foot pedals and controls on the instrument panel.

WARNING

To prevent serious injury or death:

- Never attempt to adjust the seat whilst the vehicle is moving. The seat could respond with unexpected movement and may cause loss of vehicle control resulting in an accident.
- Do not place anything under the front seats. Loose objects including unsecured floor mats, in the driver's foot area could interfere with the operation of the foot pedals, causing an accident.
- Do not allow anything to interfere with the normal position and proper locking of the seatback.
- Do not place a cigarette lighter on the floor or seat.
- Use extreme caution when picking up small objects trapped under the seats or between the seat and the centre console. Your hands might be cut or injured by the sharp edges of the seat mechanism.
- If there are occupants in the rear seats, be careful whilst adjusting the front seat position.
- Make sure that the seat is locked in place after the adjustment. If not, the seat might move unexpectedly.

CAUTION

To prevent injury:

- Do not adjust your seat whilst wearing your seat belt. Moving the seat cushion forward may cause strong pressure on your abdomen.
- Do not allow your hands or fingers to get caught in the seat mechanisms whilst the seat is moving.

Reclining seatback

Sitting in a reclined position when the vehicle is moving can be dangerous. Even when buckled up, the protections of the restraint systems (seat belts and/or airbags) are greatly reduced by reclining your seatback.

Seat belts must be snug against your hips and chest to work properly.

The more the seatback is reclined, the greater the chance for the passenger's hips to slide under the lap belt or the passenger's neck to strike the shoulder belt.

WARNING

- Never travel with a reclined seatback when the vehicle is moving.
Travelling with a reclined seatback increases your chance of serious or fatal injuries in the event of a collision or sudden stop.
Driver and passengers should always sit well back in their seats, properly restrained, and with the seatbacks upright.

- Seat belts must be snug against your hips and chest to work properly. When the seatback is reclined, the shoulder belt cannot do its job because it will not be snug against your chest. Instead, it will be in front of you. During a collision, you could be thrown into the seat belt, causing neck or other injuries.

The more the seatback is reclined, the greater chance the passenger's hips will slide under the lap belt or the passenger's neck will strike the shoulder belt.

Manual adjustment (Passenger's seat)

 if equipped

The front seat can be adjusted by using the levers located underneath the front part of the seat or on the outer side of the seat. Before driving, adjust the seat to the proper position so that you can easily control the steering wheel, foot pedals and controls on the instrument panel.

Forward and rearward adjustment



To move the seat forward or rearward:

1. Pull up the seat slide adjustment lever and hold it.
2. Slide the seat to the desired position.
3. Release the lever and make sure the seat is locked in place. Move forward and rearward without using the lever. If the seat moves, it is not locked properly.

Seatback angle



To recline the seatback:

1. Lean forward slightly and lift up the seatback lever.
2. Carefully lean back on the seat and adjust the seatback to the desired position.
3. Release the lever and make sure the seatback is locked in place.

Seat height



To change the height of the seat cushion:

- Push down on the lever several times, to lower the seat cushion.
- Pull up on the lever several times, to raise the seat cushion.

Power adjustment

 if equipped

The front seat can be adjusted by using the control switches located on the outside of the seat cushion.

WARNING

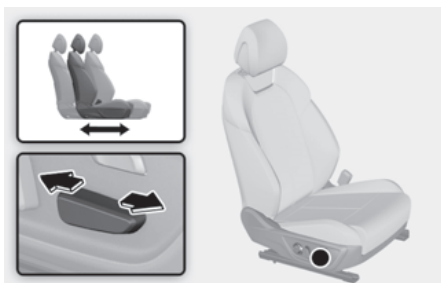
NEVER allow children in the vehicle unsupervised. The power seats are operable when the vehicle is turned off.

NOTICE

To prevent damage to the seats:

- Always stop adjusting the seats when the seat has moved as far forward or rearward as possible.
- Do not adjust the seats for longer than necessary when the vehicle is turned off. This may result in unnecessary battery drain.
- Do not operate two or more seats at the same time. This may result in an electrical malfunction.

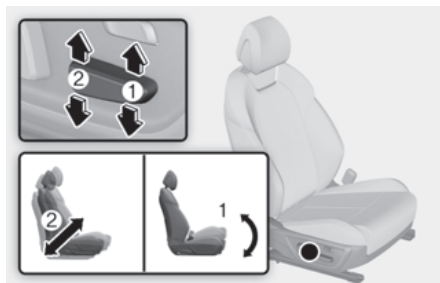
Forward and rearward adjustment



To move the seat forward or rearward:

1. Push the control switch forward or rearward.
2. Release the switch once the seat reaches the desired position.

Seat cushion tilt/height adjustment



• Seat cushion tilt (1)

To change the angle of the front part of the seat cushion:

1. Push the front portion of the control switch up to raise or down to lower the front part of the seat cushion.
2. Release the switch once the seat reaches the desired position.

• Seat cushion height (2)

To change the height of the seat cushion:

1. Push the rear portion of the control switch up to raise or down to lower the height of the seat cushion.
2. Release the switch once the seat reaches the desired position.

Seatback angle adjustment

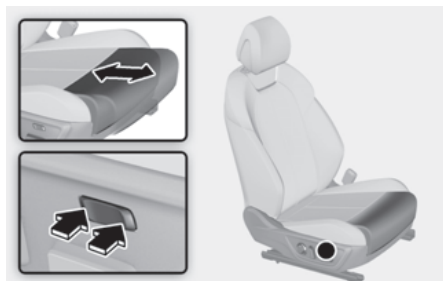


To recline the seatback:

1. Push the control switch forward or rearward.
2. Release the switch once the seatback reaches the desired position.

Seat cushion extension adjustment (for driver's seat)

(+ if equipped)

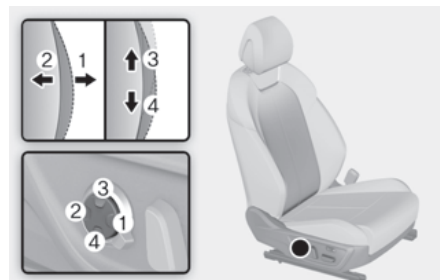


To move the front part of the cushion forward or rearward:

1. Push the control switch forward or rearward.
2. Release the switch once the seat cushion reaches the desired length.

Lumbar support

(+ if equipped)

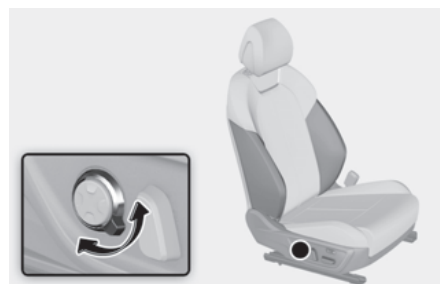


To adjust the lumbar support:

1. Press the front portion of the switch (1) to increase support or the rear portion of the switch (2) to decrease support.
2. Press switch (3) or (4) to move the support position up or down.
3. Release the switch once the lumbar support reaches the desired position.

Seat bolster adjustment (for driver's seat)

(+ if equipped)



To adjust seat bolster:

1. Push the adjustment lever clockwise, the seatback bolster will be adjusted inward. Push the switch anti-clockwise, the seatback bolster will be adjusted outward.
2. Release the lever once the bolster reaches the desired position.

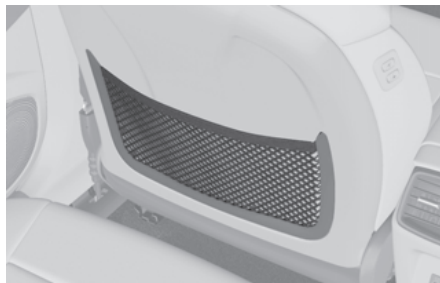
Walk-in switch



The rear seat passenger may use the switches to control the front passenger seat.

- Sliding forward or rearward:
Press the switch (1) or (2) to move the front passenger seat forward or rearward.
- Seatback angle:
Press the switch (3) or (4) to recline the front passenger seatback forward or rearward.

Seatback pocket



The seatback pocket is provided on the front seatbacks.

CAUTION

Do not put heavy or sharp objects in the seatback pockets. In an accident they could come loose from the pocket and injure occupants.

Rear seats

WARNING

Take the following precautions:

- Adjusting the seats
 - NEVER attempt to adjust the seat whilst the vehicle is moving. The seat may suddenly move and may injure the passenger.
 - Make sure that the seat is locked in place after any adjustment. If not, the seat might move unexpectedly resulting in an accident.
- Folding the seats
 - Do not fold the seatback when the seat is occupied (for example, passenger, pets or luggage). It may injure the passenger or pet, or damage the luggage.
 - Never allow passengers to sit on top of any folded down seatback whilst the vehicle is moving. This is not a proper seating position and no seat belts are available for use. This could result in serious injury or death in the case of an accident or sudden stop.
 - Objects carried on the folded down seatback should not extend higher than the top of the front seatbacks. This could allow cargo to slide forward and cause injury or damage during sudden stops.
 - When returning the rear seatback from a folded to an upright position, hold the seatback and return it slowly. Ensure that the seatback is completely locked into its upright position by pushing on the top of the seatback. In an accident or sudden stop, the unlocked seatback could allow cargo to move forward with great force and enter the passenger compartment, which could result in serious injury or death.

- Loading cargo
 - Make sure the engine is off, the gear shifted to P (Park), and the parking brake is securely applied whenever loading or unloading cargo. Failure to take these steps may allow the vehicle to move if the shift button or shift dial is inadvertently pressed or rotated to another position.
 - When cargo is loaded through the rear passenger seats, ensure the cargo is properly secured to prevent it from moving whilst driving.
- Do not place objects in the rear seats, since they cannot be properly secured and may hit vehicle occupants in a collision causing serious injury or death.

CAUTION

Do not allow your hands or fingers to get caught in the seat mechanisms whilst adjusting the seats.

NOTICE

To prevent damage to the vehicle:

- Rear seat belts

Before folding the seatback, insert the seat belt buckle in the holder between the seatback and cushion. And insert the seat belt webbing in the guide to prevent the seat belt from being damaged.
- Cargo

Be careful when loading cargo through the rear passenger seats to prevent damage to the vehicle interior.

⚠ CAUTION

Remote folding

Do not strongly push back the seat back to lock. It may unlock and return by repulsive power.

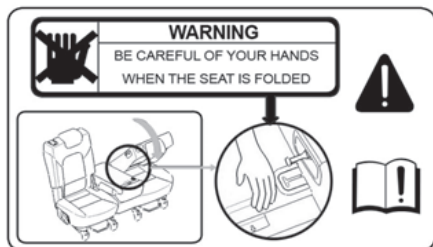
⚠ WARNING

Remote folding

Do not fold the rear seats, if passengers, pets or luggage are in the rear seats or on the folded seats. It may cause injury or damage to passengers, pets, luggage.

⚠ WARNING

2nd row right side seat folding (Shooting Brake)

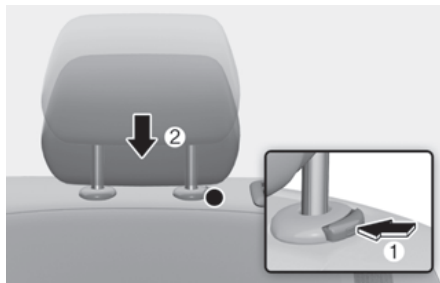


Be careful when you fold the 2nd row right side seat, if the centre seat is folded. It may cause injury or damage to you.

Folding the rear seat

To fold down the rear seatback:

1. Set the front seatback to the upright position and if necessary, slide the front seat forward.
2. Lower the rear headrests to the lowest position.



3. Locate the seatbelt toward the outboard position before folding down the seatback to avoid the seatbelt system interfering with the seatback.



4. Pull up the seatback folding lever, then fold the seat toward the front of the vehicle.



To unfold the rear seatback:

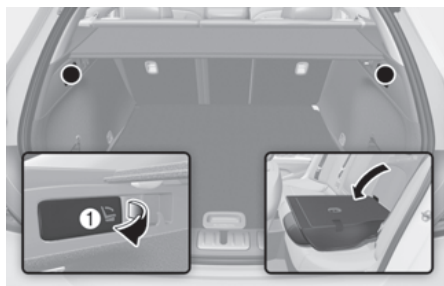
1. To use the rear seat, lift and push the seatback rearward.



2. Push the seatback firmly until it clicks into place. Make sure the seatback is locked in place.
3. Return the rear seat belt to the proper position.

Seatback remote folding (Shooting Brake)

+ if equipped



Pull the rear seat back folding switch (1) located in the both sides of the luggage compartment.

Folding the rear centre seat (Shooting Brake)

+ if equipped



Additional cargo space is provided to accommodate long/narrow cargo (skis, poles, etc.) not able to fit properly in the luggage compartment when closed.

1. Lower the rear centre headrest to the lowest position.
2. Pull the armrest down.
3. Pull the lever (1) to unlock the centre seatback.
4. After unlocking, pull the centre seatback down and fold it.

Armrest



The armrest is located in the centre of the rear seat.

Pull the armrest down from the seatback to use it.

Headrest

The vehicle's front and rear seats have adjustable headrests. The headrests provide comfort for passengers, but more importantly they are designed to help protect passengers from whiplash and other neck and spinal injuries during an accident, especially in a rear impact collision.

WARNING

To reduce the risk of serious injury or death in an accident, take the following precautions when adjusting your headrests:

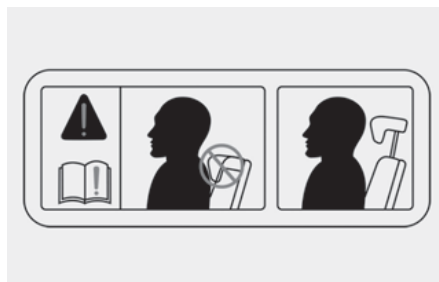
- Always properly adjust the headrests for all passengers BEFORE starting the vehicle.
- NEVER let anyone travel in a seat with the headrest removed or reversed.
- Adjust the headrests so the middle of the headrest is at the same height as the height of the top of the eyes.



- NEVER adjust the headrest position of the driver's seat when the vehicle is in motion.
- Adjust the headrest as close to the passenger's head as possible. Do not use a seat cushion that holds the body away from the seatback.
- Make sure the headrest locks into position after adjusting it.

WARNING

When sitting on the rear seat, do not adjust the height of the headrest to the lowest position.



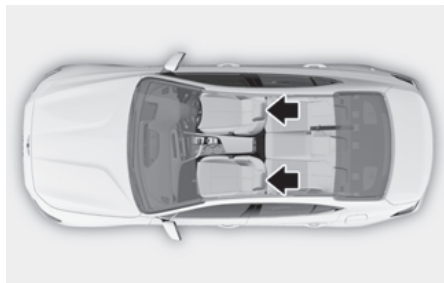
CAUTION

When there is no occupant in the rear seats, adjust the height of the headrest to the lowest position. The rear seat headrest can reduce the visibility of the rear area.

NOTICE

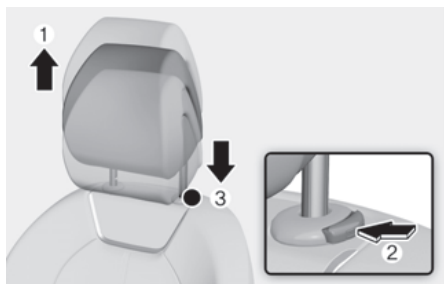
To prevent damage, NEVER hit or pull on the headrests.

Front seat headrests



The driver's and front passenger's seats are equipped with adjustable headrests for the passengers safety and comfort.

Adjusting the height up and down



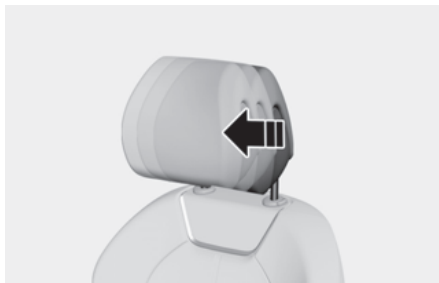
To raise the headrest:

1. Pull it up to the desired position (1) .

To lower the headrest:

1. Push and hold the release button (2) on the headrest support.
2. Lower the headrest to the desired position (3).

Forward and rearward adjustment



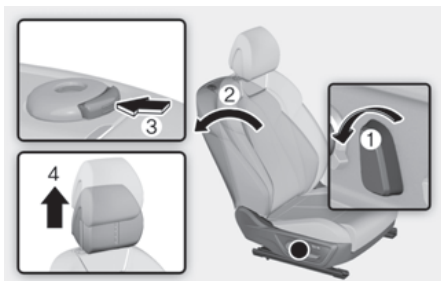
The headrest can be adjusted forward to 3 different positions by pulling the headrest forward to the desired detent. To adjust the headrest to it's furthest rearwards position, pull it fully forward to the farthest position and release it.

NOTICE



If you position the seatback towards the front with the headrest and seat cushion raised, the headrest may come in contact with the sunvisor or other parts of the vehicle.

Removal/Reinstall



To remove the headrest:

1. Recline the seatback (2) with the seatback angle switch (1).
2. Raise the headrest as far as it can go.
3. Press the headrest release button (3) whilst pulling the headrest up (4).

! WARNING

NEVER allow anyone to travel in a seat with the headrest removed.



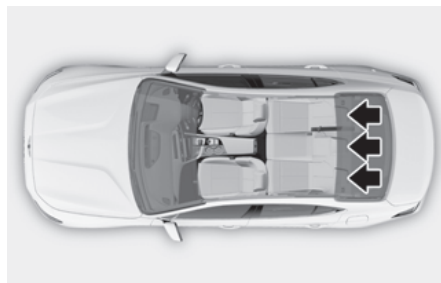
To reinstall the headrest :

1. Recline the seatback.
2. Put the headrest poles (2) into the holes whilst pressing the release button (1).
3. Adjust the headrest to the appropriate height.
4. Recline the seatback (4) with the seatback angle switch (3).

! WARNING

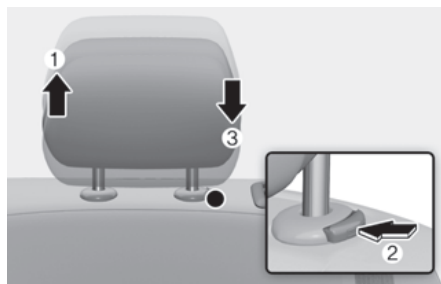
Always make sure the headrest locks into position after reinstalling and adjusting it properly.

Rear seat headrests



The rear seats are equipped with headrests in all the seating positions for the passenger's safety and comfort.

Adjusting the height up and down



To raise the headrest:

1. Pull it up to the desired position (1).

To lower the headrest:

1. Push and hold the release button (2) on the headrest support.
2. Lower the headrest to the desired position (3).

Seat warmers

Seat warmers are provided to warm the seats during cold weather.

During mild weather or under conditions where the operation of the seat warmer is not needed, keep the seat warmers OFF.

WARNING

The seat warmers can cause a **SERIOUS BURN**, even at low temperatures and especially if used for long periods of time.

Passengers must be able to feel if the seat is becoming too warm so they can turn it off, if needed.

People who cannot detect temperature change or pain to the skin should use extreme caution, especially the following types of passengers:

- Infants, children, elderly or disabled persons, or hospital outpatients.
- People with sensitive skin or who burn easily.
- Fatigued individuals.
- Intoxicated individuals.
- People taking medication that can cause drowsiness or sleepiness.

WARNING

NEVER place anything on the seat that insulates against heat when the seat warmer is in operation, such as a blanket or seat cushion. This may cause the seat warmer to overheat, causing a burn or damage to the seat.

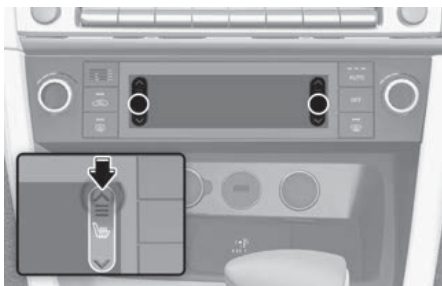
NOTICE

To prevent damage to the seat warmers and seats:

- Never use a solvent such as paint thinner, benzene, alcohol or petrol to clean the seats.
- Do not place heavy or sharp objects on seats equipped with seat warmers.
- Do not change the seat cover. It may damage the seat warmer.

Front seat warmers

1. Whilst the engine is running, press  next to the driver's seat or front passenger's seat, which requires heating, from the climate control information screen.



2. When you press the  button in the high state, it is high, and you can move it in the order of medium, low, and off by pressing the  button.

- The seat warmer temperature is lowered automatically and then goes off after a certain time to prevent low temperature burns. Press  or  to adjust the temperature again. If high temperature is selected again after the seat warmer turns off, the temperature is controlled automatically again.
- To turn on the seat warmer when the air ventilation seat is turned on, press  until the seat warmer is turned on.

- **Warmer/ventilation based on climate settings** (for driver's seat)

The seat warmer automatically controls the seat temperature depending on the ambient temperature and the set climate control temperature when the engine is running. If the seat warmer switch or icon is pressed, the seat warmer is controlled manually.

To use this feature, it can be enabled from the Settings menu in the infotainment system.

Select: **Settings > Vehicle > Seat (or Climate) > Warmer/Ventilation > Warmer/ventilation based on climate settings > Driver seat warmer/ventilation**

- The seat warmer defaults to the OFF position whenever the Engine Start/Stop button is pressed to the ON position. However, if the **Warmer/ventilation based on climate settings** function is on, the driver's seat warmer turns on and off depending on the ambient temperature and the set climate control temperature.

Information

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

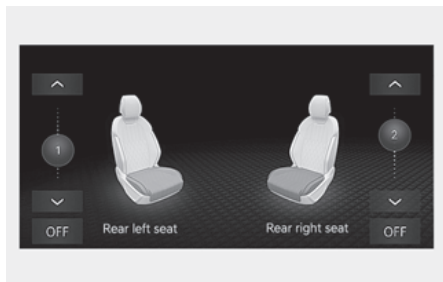
Rear seat warmers

+ if equipped



Whilst the engine is running, press the seat warmer switch to warm the rear seats.

- Pressing the switch each time will change the temperature in turn from high to medium, low, and off.
- The seat warmer temperature is lowered automatically and then goes off after a certain time to prevent low temperature burns. If high temperature is selected again after the seat warmer turns off, the temperature is controlled automatically again.
- The seat warmer defaults to the OFF position whenever Engine Start/Stop button is pressed to the ON position.
- You can also adjust the rear seat warmers from the front seats. With the engine running, touch the seat warmer icon on the infotainment system.



Air ventilation seats

The air ventilation seats are provided to cool the front seats by blowing air through small vent holes on the surface of the seat cushions and seatbacks.

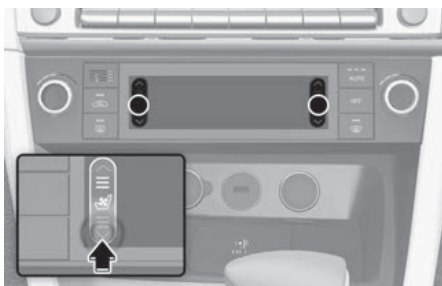
When the operation of the air ventilation seat is not needed, keep the air ventilation seats OFF.

NOTICE

To prevent damage to the air ventilation seats:

- Never use a solvent such as paint thinner, benzene, alcohol or petrol to clean the seats.
- Avoid spilling liquids on the surface of the front seats and seatbacks; this may cause the air vent holes to become blocked and not work properly.
- Do not place materials such as plastic bags or newspapers under the seats. They may block the air intake causing the air vents to not work properly.
- Do not change the seat covers. It may damage the air ventilation seat.
- If the air vents do not operate, restart the vehicle. If there is no change, we recommend that you have your vehicle inspected by an authorised Genesis repairer.

Front air ventilation seats



1. Whilst the engine is running, press ✓ next to the seat which requires ventilating from the climate control information screen.

- The air ventilation seat is turned on as low.

2. When you press the ✓ button in the strong state, it is strong, and you can move it in the order of medium, weak, and off by pressing the ^ button.

- **Warmer/ventilation based on climate settings** (for driver's seat)

The air ventilation seat automatically controls the seat temperature depending on the ambient temperature and the set climate control temperature when the engine is running.

To use this feature, it can be enabled from the Settings menu in the infotainment system.

Select: **Settings > Vehicle > Seat (or Climate) > Warmer/Ventilation > Warmer/ventilation based on climate settings > Driver seat warmer/ventilation**

- The air ventilation seat defaults to the OFF position whenever the Engine Start/Stop button is pressed to the ON position. However, if the **Warmer/ventilation based on climate settings** function is on, the driver's air ventilation seat turns on and off depending on the ambient temperature and the set climate control temperature.

i Information

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

Seat belts

This section describes how to use the seat belts properly. It also describes some of the things not to do when using seat belts.

Seat belt safety precautions

Always fasten your seat belt and make sure ALL passengers have fastened their seat belts before starting any trip. Airbags are designed to supplement the seat belt as an additional safety device, not a replacement. Most countries require all occupants of a vehicle to wear seat belts.

WARNING

Seat belts must be used by ALL passengers whenever the vehicle is moving. Take the following precautions when adjusting and wearing seat belts:

- ALWAYS properly restrain children under age 13 in the rear seats.
- Never allow children to travel in the front passenger seat. If a child age 13 or older must be seated in the front seat, move the seat as far back as possible and properly restrain them in the seat.
- Never allow an infant or child to be carried on an occupant's lap.
- Never travel with the seatback reclined when the vehicle is moving.
- Do not allow children to share a seat or seat belt.
- Do not wear the shoulder belt under your arm or behind your back.
- Always wear both the shoulder portion and lap portion of the lap/shoulder belt.

- Never wear a seat belt over fragile objects. If there is a sudden stop or impact, the seat belt can damage them.
- Do not use the seat belt if it is twisted. A twisted seat belt will not protect you properly in an accident.
- Do not use a seat belt if the webbing or hardware is damaged.
- Do not latch the seat belt into the buckles of other seats.
- Never unfasten the seat belt whilst driving. This may cause loss of vehicle control resulting in an accident.
- Make sure there is nothing in the buckle interfering with the seat belt latch mechanism. This may prevent the seat belt from fastening securely.
- No modifications or additions should be made by the user which will either prevent the seat belt adjusting devices from operating to remove slack, or prevent the seat belt assembly from being adjusted to remove slack.

WARNING

Damaged seat belts and seat belt assemblies will not operate properly. Always replace:

- Frayed, contaminated, or damaged webbing.
- Damaged hardware.
- The entire seat belt assembly after it has been worn in an accident, even if damage to webbing or assembly is not apparent.

WARNING

Seat belts are designed to bear upon the bony structure of the body, and should be worn low across the front of the hips or the pelvis, chest and shoulders, as applicable; wearing the lap section of the belt across the abdominal area must be avoided.

Seat belts should be adjusted as firmly as possible, consistent with comfort, to provide the protection for which they have been designed.

A slack belt will greatly reduce the protection afforded to the wearer.

Care should be taken to avoid contamination of the webbing with polishes, oils and chemicals, and particularly battery acid. Cleaning may safely be carried out using mild soap and water.

The belt should be replaced if the webbing becomes frayed, contaminated or damaged. It is essential to replace the entire assembly after it has been worn in a severe impact even if damage to the assembly is not obvious. Belts should not be worn with the webbing twisted. Each seat belt assembly must only be used by one occupant; it is dangerous to put a belt around a child being carried on an occupant's lap.

Seat belt warning light

Driver's seat belt warning

Instrument cluster



As a reminder to the driver, the seat belt warning light will illuminate for about 6 seconds each time the Engine Start/Stop button is in the ON position regardless of seat belt fastening.

If the seat belt is not fastened when the Engine Start/Stop button is in the ON position or if it is disconnected after the Engine Start/Stop button is in the ON position, the seat belt warning light will illuminate until the seat belt is fastened.

If you start to drive without the seat belt fastened or you unfasten the seat belt when you drive under 20 km/h, the corresponding warning light will continue to illuminate until you fasten the seat belt.

If you continue to drive without the seat belt fastened or you unfasten the seat belt when you drive over 20 km/h, the seat belt warning chime will sound for about 100 seconds and the corresponding warning light will blink.

Front passenger's seat belt warning

As a reminder to the front passenger, the front passenger's seat belt warning lights will illuminate for about 6 seconds each time the Engine Start/Stop button is in the ON position regardless of seat belt fastening.

If the seat belt is not fastened when the Engine Start/Stop button is in the ON position or if it is disconnected after the Engine Start/Stop button is in the ON position, the seat belt warning light will illuminate until the seat belt is fastened.

If you start to drive without the seat belt fastened or you unfasten the seat belt when you drive under 20 km/h, the corresponding warning light will continue to illuminate until you fasten the seat belt.

If you continue to drive without the seat belt fastened or you unfasten the seat belt when you drive over 20 km/h, the seat belt warning chime will sound for about 100 seconds and the corresponding warning light will blink.

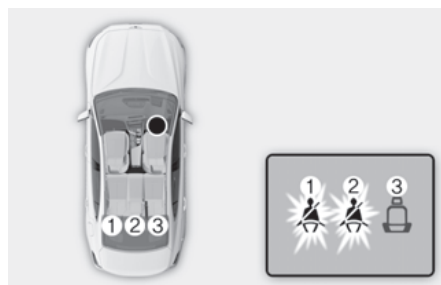
WARNING

Travelling in an improper position adversely affects the front passenger's seat belt warning system. It is important for the driver to instruct any passengers to be seated properly as instructed in this manual.

Information

- Even though the front passenger seat is not occupied, the seat belt warning light will blink or illuminate for 6 seconds.
- The front passenger's seat belt warning may operate when luggage is placed on the front passenger seat.

Rear passenger's seat belt warning



Rear outboard seat seatbelt

- As a reminder to the rear outboard seat passengers, the corresponding seat belt warning lights will illuminate for about 6 seconds each time the Engine Start/Stop button is in the ON position regardless of belt fastening.
- And then, if the seat belt is still not fastened whilst driving, or unfastened whilst driving, it will operate as follows depending on vehicle speed.
 - Below 20 km/h: The corresponding seat belt warning light will illuminate until the seatbelt is fastened.
 - Above 20 km/h: The corresponding seat belt warning light will blink and the warning chime will sound for about 35 seconds, and the warning light will continue to illuminate until the seatbelt is fastened.

Rear centre seatbelt

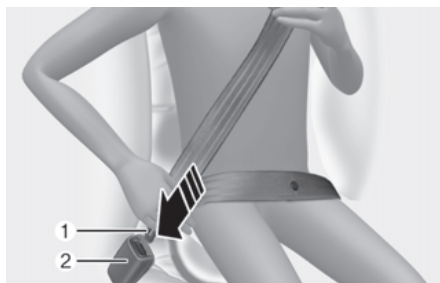
- With the engine on, if the second row centre seat passenger's seat belt is not fastened, the corresponding seat belt warning light will illuminate for 70 seconds. But, if the seatbelt is fastened after 6 seconds, the corresponding seat belt warning light will immediately turn off.
- If the seat belt was fastened, and was unfastened whilst driving below 20 km/h, the corresponding seat belt warning light will illuminate for 70 seconds.
- If the seat belt was fastened, and was unfastened whilst driving above 20 km/h, the corresponding seat belt warning light will blink and the warning chime will sound for about 35 seconds.

Seat belt restraint system

Lap/shoulder belt

To fasten your seat belt:

Pull the belt out of the retractor and insert the metal tab (1) into the buckle (2). There will be an audible “click” when the tab locks into the buckle.



You should place the lap belt (1) portion across your hips and the shoulder belt (2) portion across your chest.



The seat belt automatically adjusts to the proper length after the lap belt portion is adjusted manually so that it fits snugly around your hips. If you lean forward in a slow, easy motion, the belt will extend and move with you.

If there is a sudden stop or impact, the belt will lock into position. It will also lock if you try to lean forward too quickly.

NOTICE

If you are not able to smoothly pull enough of the seat belt out from the retractor, firmly pull the seat belt out and release it. After release, you will be able to pull the belt out smoothly.

⚠ WARNING

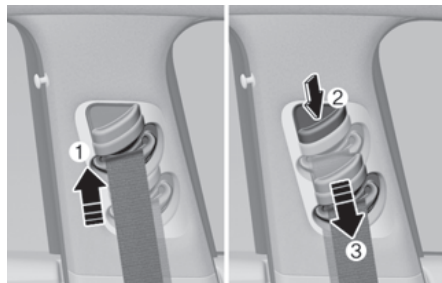
Improperly positioned seat belts may increase the risk of serious injury in an accident. Take the following precautions when adjusting the seat belt:

- Position the lap portion of the seat belt as low as possible across your hips, not on your waist, so that it fits snugly. This allows your strong pelvic bones to absorb the force of the crash, reducing the chance of internal injuries.
- Position one arm under the shoulder belt and the other over the belt, as shown in the image.
- Always position the shoulder belt anchor into the locked position at the appropriate height.
- Never position the shoulder belt across your neck or face.

Height adjustment

You can adjust the height of the shoulder belt anchor to one of the four different positions for maximum comfort and safety.

The shoulder portion should be adjusted so it lies across your chest and midway over your shoulder nearest the door, not over your neck.



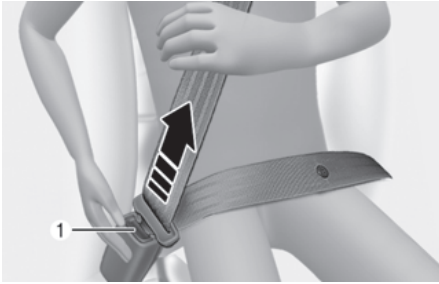
To adjust the height of the seat belt anchor, lower or raise the height adjuster into an appropriate position.

To raise the height adjuster, pull it up (1). To lower it, push it down (3) whilst pressing the height adjuster button (2).

Release the button to lock the anchor into position. Try sliding the height adjuster to make sure that it has locked into position.

To release your seat belt:

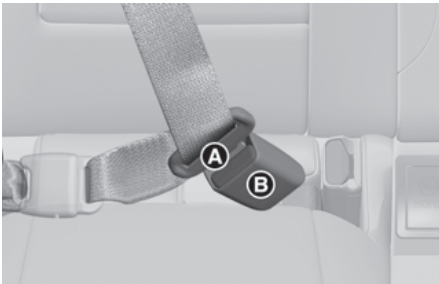
Press the release button (1) in the locking buckle.



When it is released, the belt should automatically draw back into the retractor. If this does not happen, check the belt to be sure it is not twisted, then try again.

Rear centre seat belt

 if equipped



1. Take out the buckle (B), which is stored between the seat/seatback cushions.
2. Insert the metal plate (A) into the buckle (B), until it clicks.

You can make sure its secure fastening by pulling the seatbelt webbing. The buckle with "CENTER" mark should be used for the 3-point seatbelt.

3. Restore the buckle between the seat/seatback cushion after unfastening the seatbelt.

Pretensioner seat belt



Your vehicle is equipped with driver's and front passenger's and rear passenger's Pretensioner Seat Belts (Retractor Pretensioner and Emergency Fastening Device System). The purpose of the pretensioner is to make sure the seat belts fit tightly against the occupant's body in certain frontal or side collisions. The Emergency Fastening Device System may be activated in certain crashes where the frontal or side collisions are severe enough, together with the airbags.

When the vehicle stops suddenly, or if the occupant tries to lean forward too quickly, the seat belt retractor will lock into position. In certain frontal or side collisions, the pretensioner will activate and pull the seat belt into tighter contact against the occupant's body.

(1) Retractor Pretensioner

The purpose of the retractor pretensioner is to make sure that the shoulder belts fit in tightly against the occupant's upper body in certain frontal or side collisions.

(2) Emergency Fastening Device System

The purpose of the Emergency Fastening Device System is to make sure that the pelvis belts fit in tightly against the occupant's lower body in certain frontal or side collisions.

If the system senses excessive tension on the driver or passenger's seat belt when the pretensioner system activates, the load limiter inside the retractor pretensioner will release some of the pressure on the affected seat belt.

WARNING

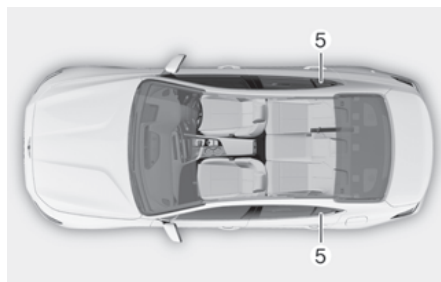
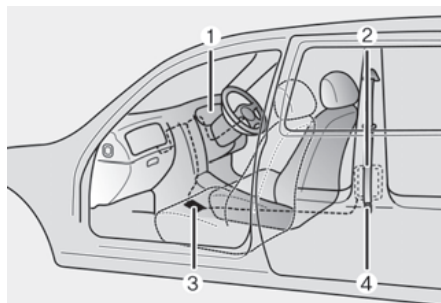
- Always wear your seat belt and sit properly in your seat.
- Do not use the seat belt if it is loose or twisted. A loose or twisted seat belt will not protect you properly in an accident.
- Do not place anything near the buckle. This may adversely affect the buckle and cause it to function improperly.
- Always replace your pretensioners after activation or an accident.
- NEVER inspect, service, repair or replace the pretensioners by yourself. We recommend that you have the pretensioners inspected, serviced, repaired or replaced by an authorised Genesis repairer.
- Do not hit the seat belt assemblies.

WARNING

Do not touch the pretensioner seat belt assemblies for several minutes after they have been activated. When the pretensioner seat belt mechanism deploys during a collision, the pretensioner can become hot and can burn you.

CAUTION

Body work on the front area of the vehicle may damage the pretensioner seat belt system. Therefore, we recommend the system to be serviced by an authorised Genesis repairer.



The pretensioner seat belt system consists mainly of the following components. Their locations are shown in the image above:

- (1) SRS airbag warning light
- (2) Retractor pretensioner
- (3) SRS control module
- (4) Emergency Fastening Device
- (5) Rear Retractor pretensioner

NOTICE

The sensor that activates the SRS control module is connected with the pretensioner seat belts. The SRS airbag warning light on the instrument cluster will illuminate for about three to six seconds after the Engine Start/Stop button is in the ON position, and then it should turn off.

If the pretensioner is not working properly, the warning light will illuminate even if the SRS airbag is not malfunctioning. If the warning light does not illuminate, stays illuminated or illuminates when the vehicle is being driven, we recommend the pretensioner seat belts and/or SRS control module be inspected by an authorised Genesis repairer as soon as possible.

i Information

- Pretensioner seat belts may be activated in certain frontal or side collisions or rollover situations (if equipped with rollover sensor).
 - When the pretensioner seat belts are activated, a loud noise may be heard and fine dust, which may appear to be smoke, may be visible in the passenger compartment. These are normal operating conditions and are not hazardous.
 - Although it is non-toxic, the fine dust may cause skin irritation and should not be inhaled for prolonged periods. Wash all exposed skin areas thoroughly after an accident in which the pretensioner seat belts were activated.
-

Load limiter

If a seatbelt places an excessive load on the chest during a vehicle crash, a load limiter equipped with the seatbelt reduces the pressure on the chest.

Additional seat belt safety precautions

Seat belt use during pregnancy

The seat belt should always be used during pregnancy. The best way to protect your unborn child is to protect yourself by always wearing the seat belt.

Pregnant women should always wear a lap-shoulder seat belt. Place the shoulder belt across your chest and away from your neck. Place the lap belt below your belly so that it fits **SNUGLY** across your hips and pelvic bone, under the rounded part of the belly.

WARNING

- Pregnant women and patients are more vulnerable to any impacts on the abdomen during an abrupt stop or accident. If you are in an accident whilst pregnant, we recommend you consult your doctor.
 - To reduce the risk of serious injury or death to an unborn child during an accident, pregnant women should never place the lap portion of the seat belt above or over the area of the abdomen where the unborn child is located.
-

Seat belt use and children

Infant and small children

Most countries have Child Restraint System laws which require children to travel in approved Child Restraint System devices, including booster seats. The age at which seat belts can be used instead of Child Restraint System differs among countries, so you should be aware of the specific requirements in your state, and where you are travelling. Infant and Child Restraint System must be properly placed and installed in a rear seat.

For more information, refer to the “Child Restraint System (CRS)” section in this chapter.

WARNING

Always properly restrain infants and small children in a Child Restraint System appropriate for the child's height and weight.

To reduce the risk of serious injury or death to a child and other passengers, never hold a child in your lap or arms when the vehicle is moving. The violent forces created during an accident will tear the child from your arms and throw the child against the interior of the vehicle.

Small children are best protected from injury on an accident when properly restrained in the rear seat using a Child Restraint System that meets the requirements of the Australian/New Zealand standards. Before buying any Child Restraint System, make sure that it has a label certifying that it meets the requirements of the Australian/New Zealand standards.

The Child Restraint System must be appropriate for your child's height and weight. Check the label on the Child Restraint System for this information. Refer to the “Child Restraint System (CRS)” section in this chapter.

Larger children

Children under age 13 and who are too large for a booster seat should always occupy the rear seat and use the available lap/shoulder belts. A seat belt should lie across the upper thighs and be snug across the shoulder and chest to restrain the child safely. Check belt fit periodically. A child's squirming could put the belt out of position. In the event of an accident, children are afforded the best protection when restrained by a proper Child Restraint System in the rear seats.

If a larger child over age 13 must be seated in the front seat, the child must be securely restrained by the available lap/shoulder belt and the seat should be placed in the rearmost position.

If the shoulder belt portion slightly touches the child's neck or face, try placing the child closer to the centre of the vehicle. If the shoulder belt still touches their face or neck, they need to be returned to an appropriate booster seat in the rear seat.

WARNING

- Always make sure larger children's seat belts are worn and properly adjusted.
- Never allow the shoulder belt to contact the child's neck or face.
- Do not allow more than one child to use a single seat belt.

Transporting an injured person

A seat belt should still be used when an injured person is being transported. Consult a physician for specific recommendations.

One person per belt

When two people (children or adults) are sitting together, never attempt to use a single seat belt. This could increase the severity of injuries in a collision.

Do not lie down

Sitting in a reclined position when the vehicle is in motion can be dangerous. Even when buckled up, the protections of your restraint systems (seat belts and/or airbags) are greatly reduced by reclining your seatback.

Seat belts must be snug against your hips and chest to work properly.

During an accident, you could be thrown into the seat belt, causing neck or other injuries.

The more the seat back is reclined, the greater the chance for the passenger's hips to slide under the lap belt or the passenger's neck to strike the shoulder belt .



WARNING

- Never travel with a reclined seatback when the vehicle is moving.
 - Travelling with a reclined seatback increases your chance of serious or fatal injuries in the event of a collision or sudden stop.
 - The driver and passengers should always sit well back in their seats with the seatbacks upright and should be restrained properly.
-

Care of seat belts

Seat belt systems should never be disassembled or modified. In addition, care should be taken to assure that seat belts and belt hardware are not damaged by seat hinges, doors or other abuse.

Periodic inspection

All seat belts should be inspected periodically for wear or damage of any kind. Any damaged parts should be replaced as soon as possible.

Keep belts clean and dry

Seat belts should be kept clean and dry. If belts become dirty, they can be cleaned by using a mild soap solution and warm water. Bleach, dye, strong detergents or abrasives should not be used because they may damage and weaken the fabric.

When to replace seat belts

The entire seat belt assembly or assemblies should be replaced if the vehicle has been involved in an accident. This should be done even if no damage is visible. We recommend that you consult with an authorised Genesis repairer.

Child Restraint System (CRS)

Our recommendation: Children always in the rear

WARNING

Always properly restrain children in the vehicle. Children of all ages are safer when travelling in the rear seats. Never place a rearward-facing Child Restraint System on the front passenger seat.

Children under age 13 should always travel on the rear seats and must always be properly restrained to minimise the risk of injury in a collision, sudden stop or sudden manoeuvre.

According to accident statistics, children are safer when properly restrained in the rear seats than in the front seat. Children too large for a Child Restraint System must use the seat belts provided.

Most countries have regulations which require children to travel in approved Child Restraint Systems.

The laws governing the age or height/weight restrictions at which seat belts can be used instead of Child Restraint System differs among countries, so you should be aware of the specific requirements in your country, and where you are travelling.

Child Restraint Systems must be properly installed in the vehicle seat. Always use a commercially available Child Restraint System that meets the requirements of the Australian/New Zealand standards.

Child Restraint Systems are generally designed to be secured in a vehicle seat by lap belt or the lap belt portion of a lap/shoulder and by a top tether, or an ISOFIX anchorage and top tether in the rear seats of the vehicle.

Child Restraint System (CRS)

Infants and younger children must be restrained in an appropriate rearward-facing or forward-facing CRS that has first been properly secured to the seat of the vehicle. Read and comply with the instructions for installation and use provided by the manufacturer of the Child Restraint System.

WARNING

Do not use an improperly secured Child Restraint System. It may increase the risk of serious injury or death in a collision.

When using a Child Restraint System:

- Always follow the Child Restraint System manufacturer's instructions for installation and use.
- Always properly restrain your child in the Child Restraint System.
- Do not use an infant carrier or a child safety seat that "hooks" over a seatback, it may not provide adequate protection in a collision.
- After an collision, we recommend a Genesis repairer checks the Child Restraint System, seat belts, ISOFIX anchorages and top tether anchorages.

Selecting a Child Restraint System (CRS)

When selecting a Child Restraint System for your child, always:

- Make sure the CRS has a label certifying that it meets the requirements of the Australian/New Zealand standards.

A Child Restraint System may only be installed if it was approved in accordance with the requirements of relevant regulations.

- Select a Child Restraint System based on your child's height and weight. The required label or the instructions for use typically provide this information.
- Select a Child Restraint System that fits the vehicle seating position where it will be used.
- Read and comply with the warnings and instructions for installation and use provided with the Child Restraint System.

Child Restraint System types

There are three main types of Child Restraint Systems: rearward-facing, forward-facing and booster Child Restraint Systems.

They are classified according to the child's age, height and weight.

Rearward-facing Child Restraint System



⚠ WARNING

- Extreme hazard! Do not use a rearward facing child restraint on a seat protected by an airbag in front of it!
- Never install a child or infant restraint in the front passenger's seat.

Placing a rear-facing child restraint in the front seat can result in **SERIOUS INJURY** or **DEATH** if the child restraint is struck by an inflating airbag.

A rearward-facing Child Restraint System provides restraint with the seating surface against the back of the child. The harness system holds the child in place, and in a collision, acts to keep the child positioned in the Child Restraint Systems and reduce the stress to the fragile neck and spinal cord.

All children under the age of one year must always travel in a rearward-facing Child Restraint System. There are different types of rearward-facing Child Restraint Systems: infant-only Child Restraint Systems that can only be used rearward-facing; convertible and 3-in-1 Child Restraint Systems typically have higher height and weight limits for the rearward-facing position, allowing you to keep your child rearward-facing for a longer period of time.

Keep using Child Restraint Systems in the rearward-facing position as long as children fit within the height and weight limits allowed by the Child Restraint System's manufacturer. It's the best way to keep them safe. Once your child has outgrown the rearward-facing Child Restraint System, your child is ready for a forward-facing Child Restraint System with a harness.

Forward-facing Child Restraint System



A forward-facing Child Restraint System provides restraint for the child's body with a harness. Keep children in a forward-facing Child Restraint System with a harness until they reach the top height or weight limit allowed by your Child Restraint System's manufacturer.

Once your child outgrows the forward-facing Child Restraint System, your child is ready for a booster seat.

Booster seats

A booster seat is a Child Restraint System designed to improve the fit of the vehicle's seat belt system. A booster seat positions the seat belt so that it fits properly over the stronger parts of your child's body. Keep your children in booster seats until they are big enough to fit in a seat belt properly.

For a seat belt to fit properly, the lap belt must lie comfortably across the upper thighs, not the abdomen. The shoulder belt should lie comfortably across the shoulder and chest and not across the neck or face. Children under age 13 must always be properly restrained to minimise the risk of injury in a collision, sudden stop or sudden manoeuvre.

Installing a Child Restraint System (CRS)

WARNING

Before installing your Child Restraint System always:

Read and follow the instructions provided by the manufacturer of the Child Restraint System.

Failure to follow all warnings and instructions could increase the risk of the **SERIOUS INJURY** or **DEATH** if a collision occurs.

WARNING

If the vehicle headrest prevents proper installation of a Child Restraint System, the headrest of the respective seating position should be readjusted or entirely removed.

After selecting a proper Child Restraint System for your child and checking that the Child Restraint System fits properly on the seating position, there are three general steps for a proper installation:

- **Properly secure the Child Restraint System to the vehicle.** All Child Restraint Systems must be secured to the vehicle with the lap belt or lap part of a lap/shoulder belt or with the ISOFIX top tether and/or ISOFIX anchorage and/or with the support leg.
- **Make sure the Child Restraint System is firmly secured.** After installing a Child Restraint System to the vehicle, push and pull the seat forward and from side-to-side to verify that it is securely attached to the seat. A Child Restraint System secured with a seat belt should be installed as firmly as possible. However, some side-to-side movement can be expected.
When installing a Child Restraint System, adjust the vehicle seat and seatback (up and down, forward and rearward) so that your child fits in the Child Restraint System in a comfortable manner.
- **Secure the child in the Child Restraint System.** Make sure the child is properly strapped in the Child Restraint System according to the Child Restraint System manufacturer's instructions.

CAUTION

A Child Restraint System in a closed vehicle can become very hot. To prevent burns, check the seating surface and buckles before placing your child in the Child Restraint System.

ISOFIX anchorage and top tether anchorage (ISOFIX anchorage system) for children

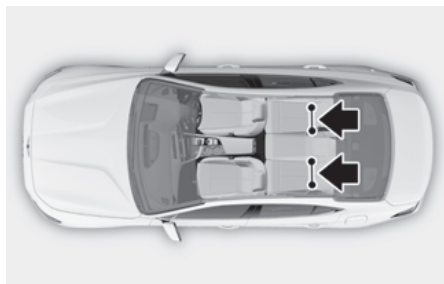
The ISOFIX system holds a Child Restraint System during driving and in a collision.

This system is designed to make installation of the Child Restraint System easier and reduce the possibility of improperly installing your Child Restraint System. The ISOFIX system uses anchors in the vehicle and attachments on the Child Restraint System. The ISOFIX system eliminates the need to use seat belts to secure the Child Restraint System to the rear seats.

ISOFIX anchorages are metal bars built into the vehicle. There are two lower anchors for each ISOFIX seating position that will accommodate a Child Restraint System with lower attachments.

To use the ISOFIX system in your vehicle, you must have a Child Restraint System with ISOFIX attachments. (An ISOFIX-seat may only be installed if it has vehicle-specific or universal approval in accordance with the requirements of relevant regulation.)

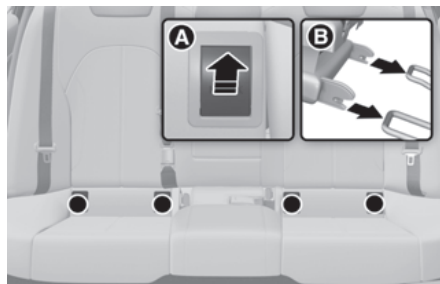
The Child Restraint System manufacturer will provide you with instructions on how to use the Child Restraint System with its attachments for the ISOFIX anchorages. (CRS with universal approval to relevant regulations need to be fixed additionally with a top tether strap connected to the corresponding top tether anchorage point on the back side of the rear seats.)



ISOFIX anchorages have been provided in the left and right outboard rear seating positions. Their locations are shown in the image. There are no ISOFIX anchorages provided for the centre rear seating position.

WARNING

Do not attempt to install a Child Restraint System using ISOFIX anchorages in the rear centre seating position. There are no ISOFIX anchorages provided for this seat. Do not use the outboard seat anchorages for the CRS installation on the rear centre seating position. It may damage the anchorages that may then break or fail in a collision resulting in serious injury or death.



[A] ISOFIX anchorage position indicator

(Type A- , Type B- )

[B] ISOFIX anchorage

ISOFIX anchorages are located between the seatback and the seat cushion of the rear seat left and right outboard seating positions, indicated by the symbols.

Securing a Child Restraint System with the “ISOFIX Anchorage System”

To install an i-Size or ISOFIX-compatible Child Restraint System in either of the rear outboard seating positions:

1. Move the seat belt buckle away from the ISOFIX anchorages.
2. Move any other objects away from the anchorages that could prevent a secure connection between the Child Restraint System and the ISOFIX anchorages.
3. Place the Child Restraint System on the vehicle seat, then attach the seat to the ISOFIX anchorages according to the instructions provided by the Child Restraint System manufacturer.
4. Follow the instructions of the Child Restraint System's manufacturer for proper installation and connection of the ISOFIX attachments on the Child Restraint System to the ISOFIX anchorages.

⚠ WARNING

Take the following precautions when using the ISOFIX system:

- Read and follow all installation instructions provided with your Child Restraint System.
- To prevent the child from reaching and taking hold of unretracted seat belts, buckle all unused rear seat belts and retract the seat belt webbing behind the child. Children can be strangled if a shoulder belt becomes wrapped around their neck and the seat belt tightens.
- NEVER attach more than one Child Restraint System to a single anchorage. This could cause the anchor or attachment to come loose or break.
- Always have the ISOFIX system inspected by your dealer after a collision. A collision can damage the ISOFIX system and may not properly secure the Child Restraint System.

Securing a Child Restraint System seat with “Top Tether Anchorage” system

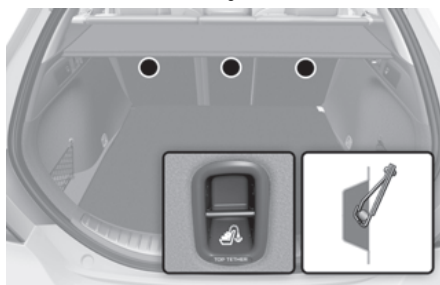
First secure the child restraint with the ISOFIX anchorages or the seat belt. If the child restraint manufacturer recommends that the top tether strap be attached, attach and tighten the top tether strap to the top tether strap anchorage.

Sedan



Top tether anchorages for Child Restraint Systems are located on the package tray.

Shooting Brake

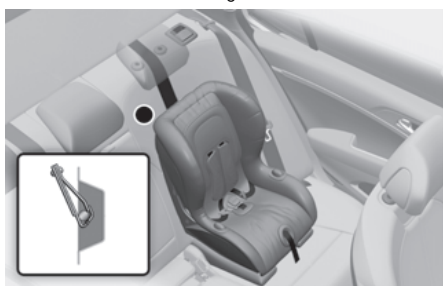


Top tether anchorages for Child Restraint System are located on the back of the rear seats.

Sedan



Shooting Brake



To install the top tether anchorage:

1. Route the Child Restraint System top tether strap over the seatback. When placing the top tether strap, please follow the instructions of the Child Restraint System manufacturer.
2. Connect the top tether strap to the top tether anchorage, then tighten the top tether strap according to the instructions of your Child Restraint System's manufacturer to firmly attach the Child Restraint System to the seat.
3. Check the Child Restraint System is secure by pushing and pulling the seat forward and back and side-to-side.

WARNING

Take the following precautions when installing the top tether anchorage:

- Read and follow all installation instructions provided with your Child Restraint System.
- NEVER attach more than one Child Restraint System to a single ISOFIX top tether anchorage. This could cause the anchorage or attachment to come loose or break.
- Do not attach the top tether strap to anything other than the correct top tether anchorage for that seating position. It may not work properly if attached to something else.
- Child Restraint System anchorages are designed to withstand only those loads imposed by correctly fitted child restraints.

Under no circumstances are they to be used for adult seat belts or harnesses, or for attaching other items or equipment to the vehicle.

Securing a Child Restraint System with a lap/shoulder belt

When not using the ISOFIX system, all Child Restraint Systems must be secured to a rear seat with the lap part of a lap/shoulder belt.

WARNING

Always place a rear-facing child restraint in the rear seat of the vehicle.

Placing a rear-facing child restraint in the front seat can result in serious injury or death if the child restraint is struck by an inflating airbag.

Extreme hazard! Do not use a rearward facing child restraint on a seat protected by an airbag in front of it!

Installing a Child Restraint System with a lap/shoulder belt

To install a Child Restraint System on the rear seats:

1. Place the Child Restraint System on a rear seat and route the lap/shoulder belt around or through the Child Restraint System, following the Child Restraint System manufacturer's instructions. Make sure the seat belt webbing is not twisted.



2. Fasten the lap/shoulder belt latch into the buckle. Listen for the distinct "click" sound.



i Information

Position the release button so that it is easy to access in case of an emergency.

3. Remove as much slack from the belt as possible by pushing down on the Child Restraint System whilst feeding the shoulder belt back into the retractor.



4. Push and pull on the Child Restraint System to confirm that the seat belt is holding it firmly in place.

If your Child Restraint System manufacturer recommends the use of a top tether with the lap/shoulder belt, refer to the "Securing a Child Restraint System seat with "Top Tether Anchorage" system" section in this chapter.

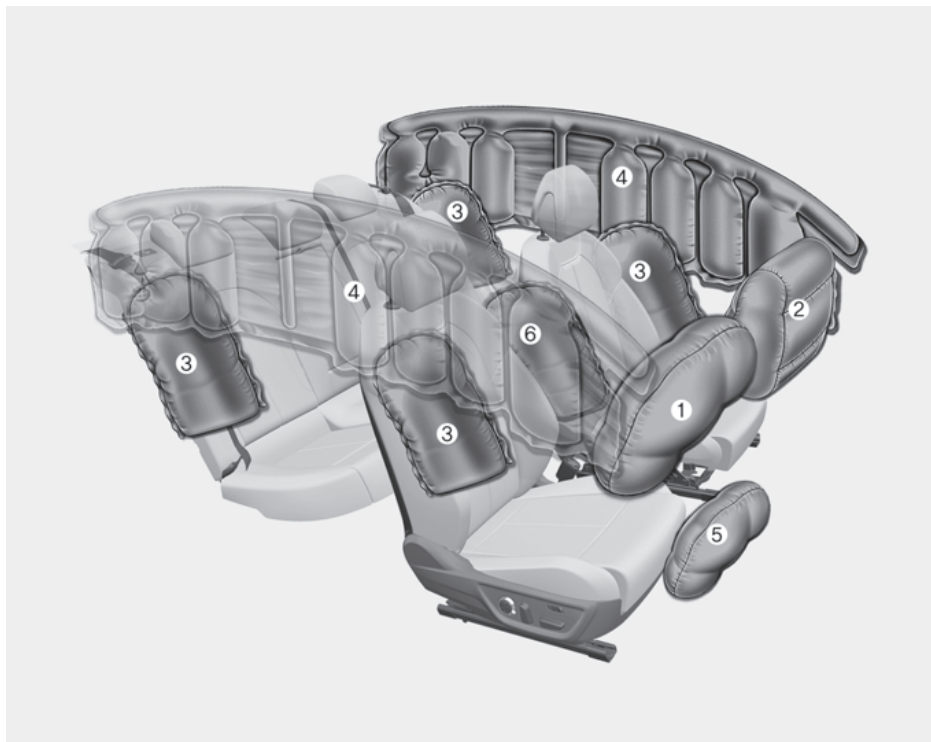
To remove the Child Restraint System, press the release button on the buckle and then pull the lap/shoulder belt out of the Child Restraint System and allow the seat belt to retract fully.

If the child seat moves, readjust the length of the seat belt. In Australia/New Zealand the child restraint manufacturer's instructions must be followed when fitting the unit to the vehicle.

WARNING

If a child restraint is installed in the second row centre seat, move the second row seat far back as possible, to minimise contact with the front centre airbag (if equipped with front centre airbag).

Airbag - supplemental restraint system



The actual airbags in the vehicle may differ from the image.

- (1) Driver's front airbag
- (2) Passenger's front airbag
- (3) Side airbag/rear side airbag
- (4) Curtain airbag
- (5) Driver's knee airbag
- (6) Front centre side airbag

Your vehicle is equipped with a Supplemental Airbag System for the driver's seat and front passenger's seats.

The front airbags are designed to supplement the three-point seat belts. For these airbags to provide protection, the seat belts must be worn at all times when driving.

You can be severely injured or killed in an accident if you are not wearing a seat belt. Airbags are built into the vehicle as a supplementary system. They are not intended as a replacement for wearing three-point seat belts. Also, airbags are not designed to deploy in every collision. In some accidents, the seat belts are the only restraint protecting you.



WARNING

AIRBAG SAFETY PRECAUTIONS

Always use seat belts and Child Restraint Systems - every trip, every time, everyone! Even with airbags, you can be seriously injured or killed in a collision if you are improperly restrained or not wearing your seat belt when the airbag inflates.

Never place a child in any Child Restraint System or booster seat in the front passenger seat.

An inflating airbag could forcefully strike the infant or child causing serious or fatal injuries.

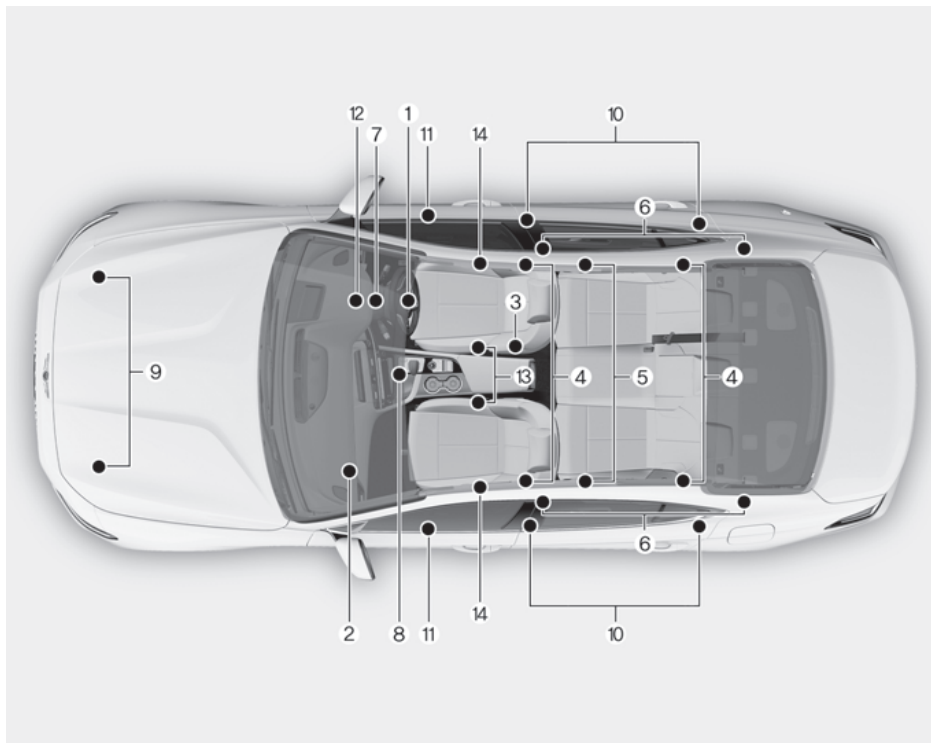
ABC - Always Buckle Children under age 13 in the back seat. It is the safest place for children of any age to travel. If a child age 13 or older must be seated in the front seat, they must be properly restrained and the seat should be moved as far back as possible.

Make sure that all occupants sit upright with the seatback in an upright position, centred on the seat cushion with their seat belt on, legs comfortably extended and their feet on the floor until the vehicle is parked and the vehicle is turned off. If an occupant is out of position during a collision, the rapidly deploying airbag may forcefully contact the occupant causing serious or fatal injuries.

Never sit or lean unnecessarily close to the airbags or lean against the door or centre console.

Move your seat as far back as possible from front airbags, whilst still maintaining control of the vehicle.

SRS components



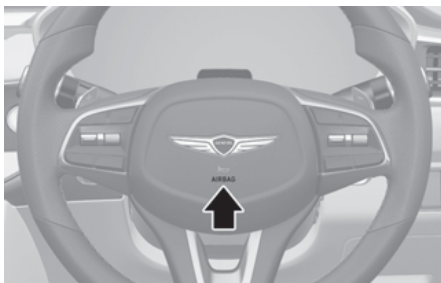
The SRS consists of the following components:

- (1) Driver's front airbag module
- (2) Passenger's front airbag module
- (3) Front centre side airbag module
- (4) Front/rear side airbag modules
- (5) Curtain airbag modules
- (6) Front retractor pretensioner/Rear retractor pretensioner (if equipped)
- (7) Airbag warning light
- (8) SRS control module (SRSCM)/Rollover sensor
- (9) Front impact sensors
- (10) Side impact sensors (acceleration)
- (11) Side impact sensors (pressure)
- (12) Driver's knee airbag module
- (13) Buckle sensor
- (14) Emergency Fastening Device

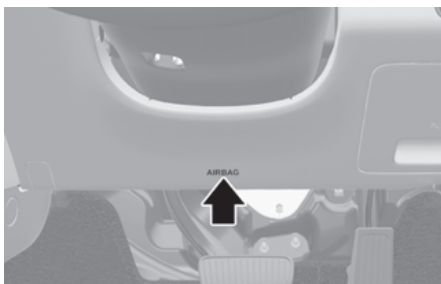
Where are the airbags?

Driver's and passenger's front airbags

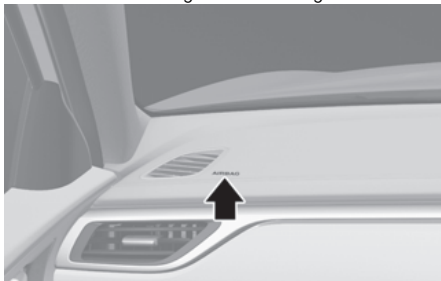
Driver's front airbag



Driver's knee airbag



Passenger's front airbag



Your vehicle is equipped with a Supplemental Restraint System (SRS) and lap/shoulder belts at both the driver and passenger seating positions.

The SRS consists of airbags which are located in the centre of the steering wheel, in the driver's side lower crash pad below the steering wheel, and the passenger's side front panel pad above the glove box.

The airbag locations are embossed with the letters, "AIRBAG".

The purpose of the SRS is to provide the vehicle's driver and front passenger with additional supplemental protection that the seat belt system does not provide in case of a frontal impact of sufficient severity.

! WARNING

To reduce the risk of serious injury or death from inflating front airbags:

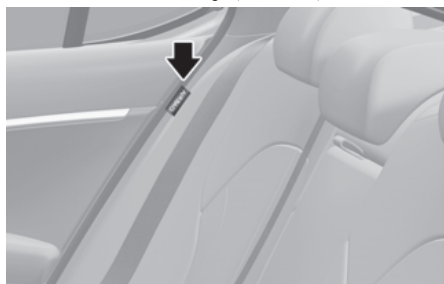
- Seat belts must be worn at all times to help keep occupants positioned properly.
- Move your seat as far back as possible from front airbags, whilst still maintaining control of the vehicle.
- Never lean against the door or centre console.
- Do not allow the front passenger to place their feet or legs on the instrument panel.
- No objects (such as crash pad cover, mobile phone holder, cup holder, perfume or stickers) should be placed over or near the airbag modules on the steering wheel, instrument panel, windscreen glass, and the front passenger's panel above the glove box. Such objects could cause harm if the vehicle is in a crash severe enough to cause the airbags to deploy.
- Do not attach any objects on the front windscreen and inside mirror.

Side airbags and front centre side airbag

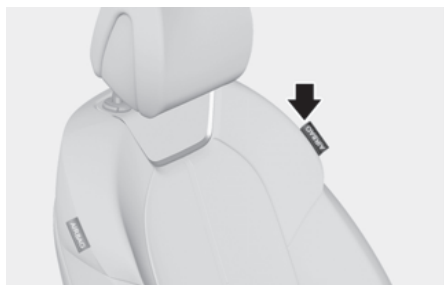
Side airbags (Front seats)



Side airbags (Rear seat)



Front centre side airbag (driver's seat)



Your vehicle is equipped with a side airbag in each front and outboard second row seat. Additionally, a front centre side airbag is provided in the inboard side of the driver seatback. The purpose of the airbag is to provide the passengers additional protection than that offered by the seat belt alone.

The side airbags and front centre side airbag are designed to deploy during certain side impact collisions, depending on the crash severity.

For vehicles equipped with a rollover sensor the front centre side airbag, side and/or curtain airbags and pretensioners on both sides of the vehicle may deploy if a rollover or possible rollover is detected.

The side airbags and front centre side airbag are not designed to deploy in all side impact or rollover situations.

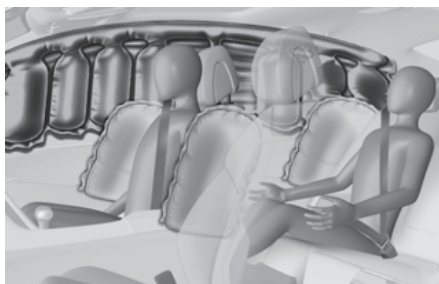
WARNING

To reduce the risk of serious injury or death from an inflating side airbag and front centre side airbag, take the following precautions:

- Seat belts must be worn at all times to help keep occupants positioned properly.
- Do not allow passengers to lean their heads or bodies onto doors, put their arms on the doors, stretch their arms out of the window, or place objects between the doors and seats.

- Hold the steering wheel at the 9 o'clock and 3 o'clock positions, to minimise the risk of injuries to your hands and arms.
- Do not use any accessory seat covers. This could reduce or prevent the effectiveness of the system.
- Do not hang other objects except clothes. In an accident these may cause vehicle damage or personal injury especially when airbag is inflated.
- Do not place any objects over the airbag or between the airbag and yourself. Also, do not attach any objects around the area the airbag inflates such as the door, side door glass, front and rear pillar.
- Do not place any objects between the door and the seat. They may become dangerous projectiles if the side airbag inflates.
- Do not install any accessories on the side or near the side airbags.
- Do not cause impact to the doors when the Engine Start/Stop button is in the ON or START position as this may cause the side airbags to inflate.
- If the seat or seat cover is damaged, we recommend that the system be serviced by an authorised Genesis repairer.

Curtain airbags



Curtain airbags are located along both sides of the roof rails above the front and rear doors.

They are designed to help protect the heads of the front seat occupants and the rear outboard seat occupants in certain side impact collisions.

The curtain airbags are designed to deploy during certain side impact collisions, depending on the crash severity.

For vehicles equipped with a rollover sensor the side and/or curtain airbags and pretensioners on both sides of the vehicle may deploy if a rollover or possible rollover is detected.

The curtain airbags are not designed to deploy in all side impact or rollover situations.

WARNING

To reduce the risk of serious injury or death from an inflating curtain airbag, take the following precautions:

- All seat occupants must wear seat belts at all times to help keep occupants positioned properly.
- Do not place any objects over the airbag. Also, do not attach any objects around the area the airbag inflates such as the door, side door glass, front and rear pillar, roof side rail.
- Do not hang other objects except clothes, especially hard or breakable objects.
- In an accident, it may cause vehicle damage or personal injury.
- Do not allow passengers to lean their heads or bodies onto doors, put their arms on the doors, stretch their arms out of the window, or place objects between the doors and seats.
- Do not attempt to open or repair the side curtain airbags yourself. If necessary, we recommend that the airbag be inspected by an authorised Genesis repairer.

How does the airbags system operate?

The SRSCM (Supplemental Restraint System Control Module) continually monitors all SRS components whilst the Engine Start/Stop button is ON to determine if a collision impact is severe enough to require airbag deployment or pretensioner seat belt deployment.

During a moderate to severe frontal collision, sensors will detect the vehicle's rapid deceleration. If the rate of deceleration is high enough, the control unit will inflate the front airbags, at the time and with the force needed.

The front airbags help protect the driver and front passenger by responding to frontal impacts in which seat belts alone cannot provide adequate restraint. When needed, the side airbags help provide protection in the event of a side impact or rollover by supporting the side upper body area.

- Airbags are activated (able to inflate if necessary) only when the Engine Start/Stop button is in the ON or START position, and it can be activated within about 3 minutes after the engine is turned off.
- Airbags inflate in the event of certain frontal or side collisions to help protect the occupants from serious physical injury.
- There is no single speed at which the airbags will inflate. Generally, airbags are designed to inflate based upon the severity of a collision and its direction. These two factors determine whether the sensors produce an electronic deployment/inflation signal.
- The front airbags will completely inflate and deflate in an instant. It is virtually impossible for you to see the airbags inflate during an accident. It is much more likely that you will simply see the deflated airbags hanging out of their storage compartments after the collision.

- In vehicles equipped with a rollover sensor, in addition to inflating in serious side collisions, the side and/or curtain airbags and front centre side airbag will inflate if the sensing system detects a rollover.

When a rollover is detected, curtain airbags will remain inflated longer to help provide protection from ejection, especially when used in conjunction with the seat belts.

- To help provide protection, the airbags must inflate rapidly. The speed of airbag inflation is a consequence of extremely short time in which to inflate the airbag between the occupant and the vehicle structures before the occupant impacts those structures. This speed of inflation reduces the risk of serious or life-threatening injuries and is thus a necessary part of airbag design.

However, the rapid airbag inflation can also cause injuries which can include facial abrasions, bruises and broken bones because the inflation speed also causes the airbags to expand with a great deal of force.

- There are even circumstances under which contact with the airbag can cause fatal injuries, especially if the occupant is positioned excessively close to the airbag.

You can take steps to reduce the risk of being injured by an inflating airbag. The greatest risk is sitting too close to the airbag. An airbag needs about 25 cm of space to inflate. It is recommended that drivers sit as far back as possible from the centre of the steering wheel and the chest whilst still maintaining control of the vehicle.

WARNING

To reduce the risk of serious injury or death from an inflating airbag, take the following precautions:

- NEVER place a Child Restraint System in the front passenger seat.
Always properly restrain children under age 13 in the rear seats of the vehicle.
 - Adjust the front passenger's and driver's seats as far to the rear as possible whilst allowing you to maintain full control of the vehicle.
 - Hold the steering wheel with hands at the 9 o'clock and 3 o'clock positions.
 - Never place anything or anyone between the airbag and the seat occupant.
 - Do not allow the front passenger to place their feet or legs on the instrument panel.
-

Driver's front airbag (1)



When the SRSCM detects a sufficiently severe impact to the front of the vehicle, it will automatically deploy the front airbags.

Driver's front airbag (2)



Upon deployment, tear seams moulded directly into the pad cover will separate under pressure from the expansion of the airbags. Further opening of the covers allows full inflation of the airbags.

A fully inflated airbag, in combination with a properly worn seat belt, slows the driver's or the front passenger's forward motion, reducing the risk of head and chest injury.

Driver's front airbag (3)



Passenger's front airbag



After complete inflation, the airbag immediately starts deflating, enabling the driver to maintain forward visibility and the ability to steer or operate other controls.

WARNING

To prevent objects from becoming dangerous projectiles when the passenger's airbag inflates:

- Do not install or place any objects (drink holder, CD holder, stickers, etc.) on the front passenger's panel above the glove box where the passenger's airbag is located.
- Do not install a container of liquid air freshener near the instrument cluster or on the instrument panel surface.

What to expect after an airbag inflates

After a frontal or side airbag inflates, it will deflate very quickly. Airbag inflation will not prevent the driver from seeing out of the windscreen or being able to steer. Curtain airbags may remain partially inflated for some time after they deploy.



WARNING

After an airbag inflates, take the following precautions:

- Open your windows and doors as soon as possible after impact to reduce prolonged exposure to the smoke and powder released by the inflating airbag.
 - Do not touch the airbag storage area's internal components immediately after an airbag has inflated. The parts that come into contact with an inflating airbag may be very hot.
 - Always wash exposed skin areas thoroughly with cold water and mild soap.
 - We recommend that an authorised Genesis repairer replace the airbag immediately after deployment. Airbags are designed to be used only once.
-

Noise and smoke from inflating airbag

When the airbags inflate, they make a loud noise and may produce smoke and powder in the air inside of the vehicle. This is normal and is a result of the ignition of the airbag inflator. After the airbag inflates, you may feel substantial discomfort in breathing because of the contact of your chest with both the seat belt and the airbag, as well as from inhaling the smoke and powder. The powder may aggravate asthma for some people. If you experience breathing problems after an airbag deployment, seek medical attention immediately.

Though the smoke and powder are nontoxic, they may cause irritation to the skin, eyes, nose, throat, etc. If this is the case, wash and rinse with cold water immediately and seek medical attention if the symptoms persist.

Do not install a Child Restraint System on the front passenger seat



Never install a Child Restraint System on the front passenger seat.

! WARNING

- Extreme hazard! Do not use a rearward facing child restraint System on a seat protected by an airbag in front of it!
- Never use a rearward facing Child Restraint System on a seat protected by an ACTIVE AIRBAG in front of it. It may result in death or serious injury to the CHILD.
- Never put a Child Restraint System in the front passenger's seat. If the front passenger airbag inflates, it could cause serious or fatal injuries.

SRS warning light



The SRS (Supplemental Restraint System) airbag warning light on the instrument panel displays the airbag symbol depicted in the image. The light indicates that there is a potential problem with your airbag system, which could include your side and/or curtain airbags used for rollover protection.

! WARNING

If your SRS malfunctions, the airbag may not inflate properly during an accident, increasing the risk of serious injury or death.

If any of the following conditions occur, your SRS is malfunctioning:

- The light does not turn on for about three to six seconds when the Engine Start/Stop button is in the ON position.
- The light stays on after illuminating for about three to six seconds.
- The light comes on whilst the vehicle is in motion.
- The light blinks when the engine is running.

We recommend that an authorised Genesis repairer inspect the SRS as soon as possible if any of these conditions occur.

Why didn't my airbag go off in a collision?

There are certain types of accidents in which the airbag would not be expected to provide additional protection. These include rear impacts, second or third collisions in multiple impact accidents, as well as low speed impacts. Damage to the vehicle indicates a collision energy absorption, and is not an indicator of whether or not an airbag should have inflated.

Airbag collision sensors

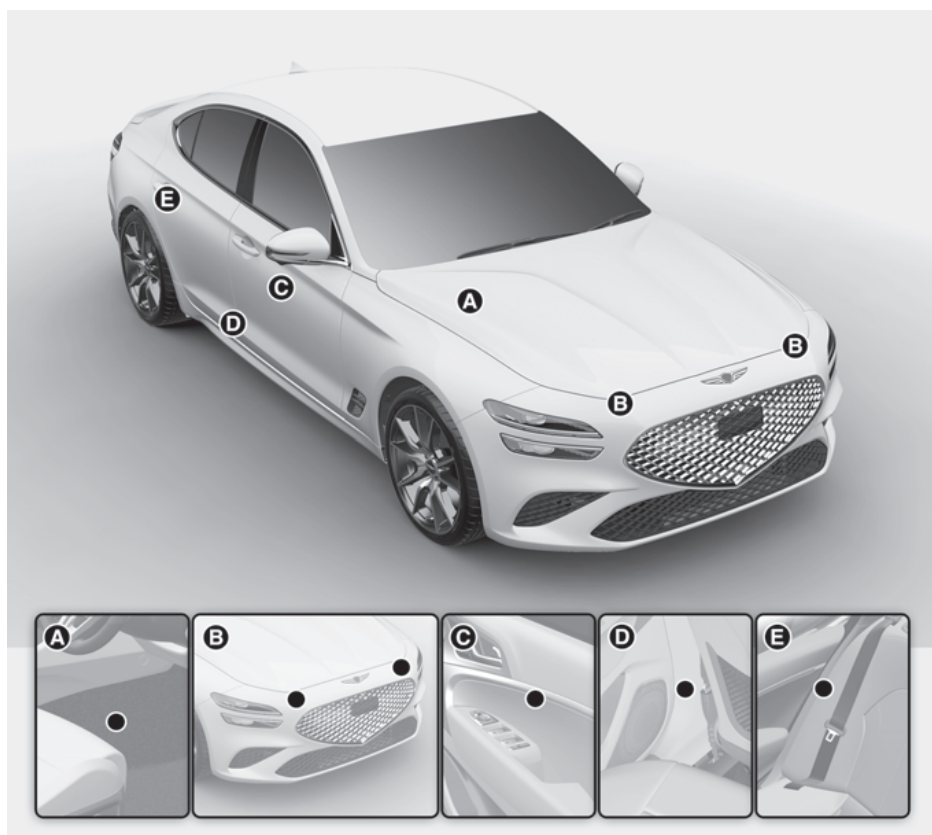
WARNING

To reduce the risk of an airbag deploying unexpectedly and causing serious injury or death:

- Do not hit or allow any objects to impact the locations where airbags or sensors are installed.
- Do not perform maintenance on or around the airbag sensors. If the location or angle of the sensors is altered, the airbags may deploy when they should not or may not deploy when they should.
- Installing bumper guards with non-genuine Genesis or non-equivalent parts may adversely affect the collision and airbag deployment performance.

To ensure correct function of the airbag system, we recommend that you replace the bumper with genuine Genesis part or the equivalent (of the genuine part) specified for your vehicle.

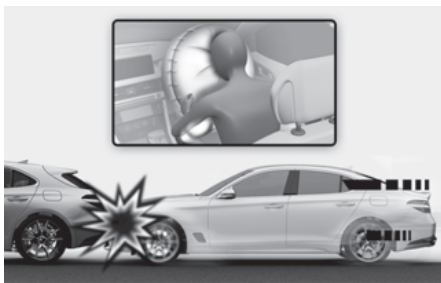
- Press the Engine Start/Stop button to the OFF or ACC position and wait for 3 minutes, when the vehicle is being towed to prevent inadvertent airbag deployment.
 - We recommend that all airbag repairs are conducted by an authorised Genesis repairer.
-



- [A] SRS control module/Rollover sensor
- [B] Front impact sensor
- [C] Side impact sensor (pressure)
- [D] Side impact sensor (acceleration): B-pillar
- [E] Side impact sensor (acceleration): C-pillar

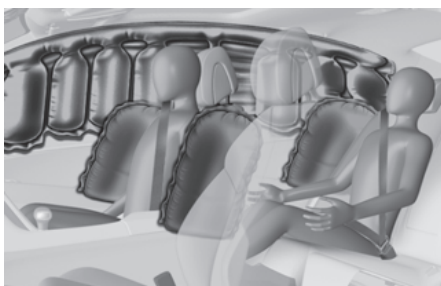
Airbag inflation conditions

Front airbags



Front airbags are designed to inflate in a frontal collision depending on the severity of impact of the front collision.

Side and curtain airbags and front centre side airbag



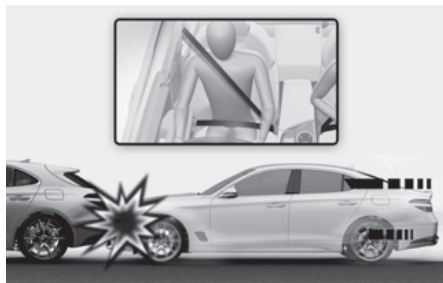
Side and curtain airbags and the front centre side airbag are designed to inflate when an impact is detected by side collision sensors depending on the severity of impact resulting from a side impact collision.

Although the driver's and front passenger's airbags are designed to inflate in frontal collisions, they also may inflate in other types of collisions if the front impact sensors detect a sufficient impact. Side and curtain airbags and the front centre side airbag are designed to inflate in side impact collisions, but they may inflate in other collisions if the side impact sensors detect a sufficient impact.

Also, the side and curtain airbags and the front centre side airbag are designed to inflate when a rollover is detected by a rollover sensor.

If the vehicle chassis is impacted by bumps or objects on unimproved roads, the airbags may deploy. Drive carefully on unimproved roads or on surfaces not designed for vehicle traffic to prevent unintended airbag deployment.

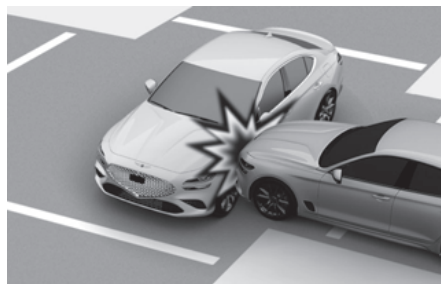
Airbag non-inflation conditions



In certain low-speed collisions the airbags may not deploy. The airbags are designed not to deploy in such cases because they may not provide benefits beyond the protection of the seat belts.

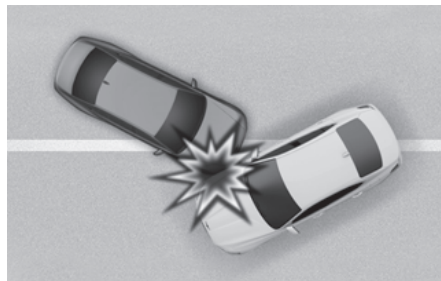


Front airbags are not designed to inflate in rear collisions, because occupants are moved rearward by the force of the impact. In this case, inflated airbags would not provide any additional benefit.

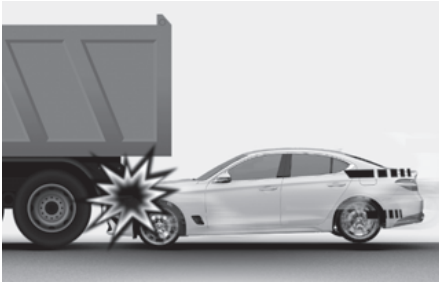


Front airbags may not inflate in side impact collisions, because occupants move in the direction of the collision, and thus in side impacts, front airbag deployment would not provide additional occupant protection.

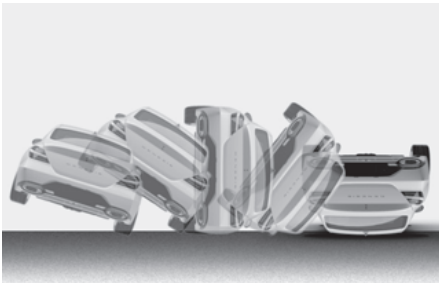
However, side and curtain airbags and the front centre side airbag may inflate depending on the severity of impact.



In an angled collision, the force of impact may direct the occupants in a direction where the airbags would not be able to provide any additional benefit, and thus the sensors may not deploy any airbags.



Just before impact, drivers often brake heavily. Such heavy braking lowers the front portion of the vehicle causing it to “nosedive”. This is particularly important when the vehicle in front has a higher ground clearance. Airbags may not inflate if your vehicle is in a “nosedive” condition because the collision forces detected by the sensors may have been significantly reduced.



Front airbags may not inflate in rollover accidents because front airbag deployment would not provide additional occupant protection.

i Information

With rollover sensor

The side and curtain airbags and the front centre side airbag may inflate in a rollover situation, when it is detected by the rollover sensor.

i Information

Without rollover sensor

The side and/or curtain airbags and front centre airbag may inflate when the vehicle is rolled over by a side impact collision, if the vehicle is equipped with side and/or curtain airbags.



Airbags may not inflate if the vehicle collides with objects such as utility poles or trees, where the point of impact is concentrated and the collision energy is absorbed by the vehicle structure.

SRS care

The SRS is virtually maintenance-free and there are no parts you can safely service by yourself. If the SRS airbag warning light does not illuminate when the Engine Start/Stop button is in the ON position, or continuously remains on, we recommend that the system be immediately inspected by an authorised Genesis repairer.

We recommend any work on the SRS system, such as removing, installing, repairing, or any work on the steering wheel, the front passenger's panel, front seats and roof rails be performed by an authorised Genesis repairer. Improper handling of the SRS system may result in serious personal injury.

WARNING

To reduce the risk of serious injury or death:

- Do not attempt to modify or disconnect the SRS components or wiring, including the addition of any kind of badges to the pad covers or modifications to the body structure.
- Do not place objects over or near the airbag modules on the steering wheel, instrument panel, or the front passenger's panel above the glove box.
- Clean the airbag pad covers with a soft cloth moistened with plain water. Solvents or cleaners could adversely affect the airbag covers and proper deployment of the system.
- We recommend that inflated airbags be replaced by an authorised Genesis repairer.
- If components of the airbag system must be discarded, or if the vehicle must be scrapped, certain safety precautions must be observed. We recommend that you consult with an authorised Genesis repairer for the necessary information. Failure to follow these precautions could increase the risk of personal injury.

Additional safety precautions

Passengers should not move out of or change seats whilst the vehicle is moving. A passenger who is not wearing a seat belt during a collision or emergency stop can be thrown against the inside of the vehicle, against other occupants, or be ejected from the vehicle.

Do not use any accessories on seat belts.

Devices claiming to improve occupant comfort or reposition the seat belt can reduce the protection provided by the seat belt and increase the chance of serious injury in a collision.

Do not modify the front seats.

Modification of the front seats could interfere with the operation of the supplemental restraint system sensing components or side airbags.

Do not place items under the front seats.

Placing items under the front seats could interfere with the operation of the supplemental restraint system sensing components and wiring harnesses.

Do not cause impact to the doors.

Impact to the doors when the Engine Start/Stop button is in the ON or START position may cause the airbags to inflate.

Adding equipment to or modifying your airbag equipped vehicle

If you modify your vehicle by changing your vehicle's frame, bumper system, front end or side sheet metal or ride height, this may affect the operation of your vehicle's Supplemental Restraint System.

Airbag warning labels



Airbag warning labels are attached to alert the driver and passengers of potential risks of the airbag system. Be sure to read all of the information about the airbags that are installed on your vehicle in this Owner's Manual.

Active bonnet lift system

The active bonnet lift system can reduce a risk of injury to pedestrians by raising the bonnet in certain accident situations. The active bonnet lift system has the additional deformation space under the bonnet, which is made available for subsequent head impact.

System activation

Prerequisite for activation

The Engine Start/Stop button is in the START position and the vehicle speed is between about 25 km/h and 50 km/h.

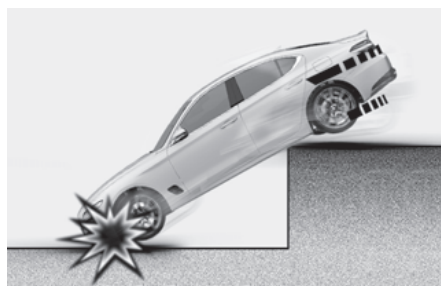
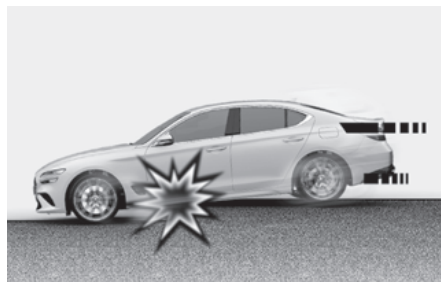
i Information

Active bonnet lift system repair

- If the active bonnet lift system has been activated, do not place the bonnet back by yourself. We recommend that the system be repaired by an authorised Genesis repairer.
- If you change or repair the front bumper, we recommend that the system be checked by an authorised Genesis repairer.

System activation

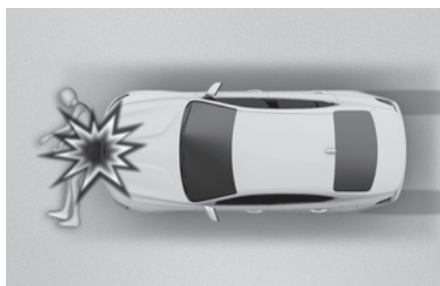
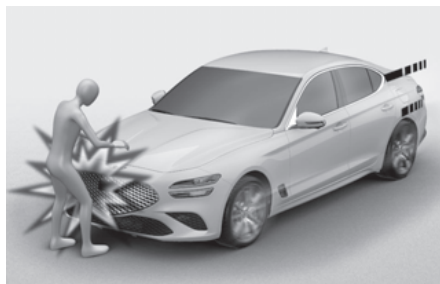
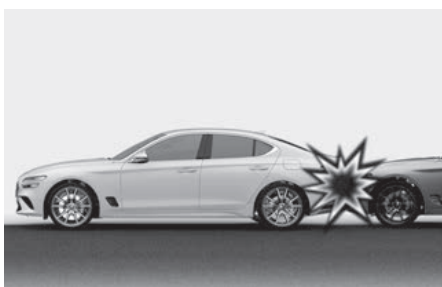
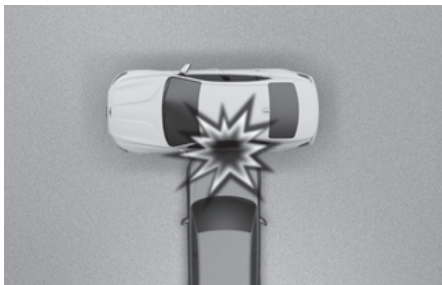
The active bonnet lift system is designed to work in a frontal collision depending on the intensity, speed or angles of impact of the front collision.



The system may activate when:

- The vehicle falls in the gutter or from a high place
- An impact is detected by a frontal collision without pedestrians in front.
- Certain high-speed frontal or angled collision with a vehicle or barrier.

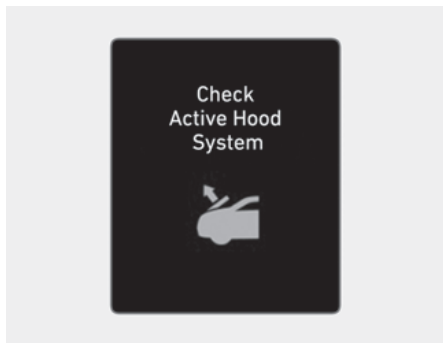
System limitation



The system will not activate when:

- In side, rear collisions and rollover accidents. The vehicle can detect only frontal collision.
- The front bumper is damaged or modified.
- The vehicle is in an angled frontal collision with pedestrians.
- A pedestrian is lying on the road.
- A pedestrian has an object to absorb the shock such as a suit case, buggy or cart.

System malfunction



If there is a problem with the system a message will appear on the instrument cluster display.

This warning message means that the protection of pedestrians by the active bonnet lift system is not working properly.

If the warning message appears, we recommend that the system be checked as soon as possible by an authorised Genesis repairer.

i Information

- Do not remove or change the components and the wiring of the active bonnet system.
- Do not change the front bumper or the body structure.
- Do not install or assemble any aftermarket accessory on the front bumper or cover.
- When replacing tyres, make sure they are the same size as your original tyres. If you drive with different tyre or wheel sizes, the active bonnet lift system may not work normally.

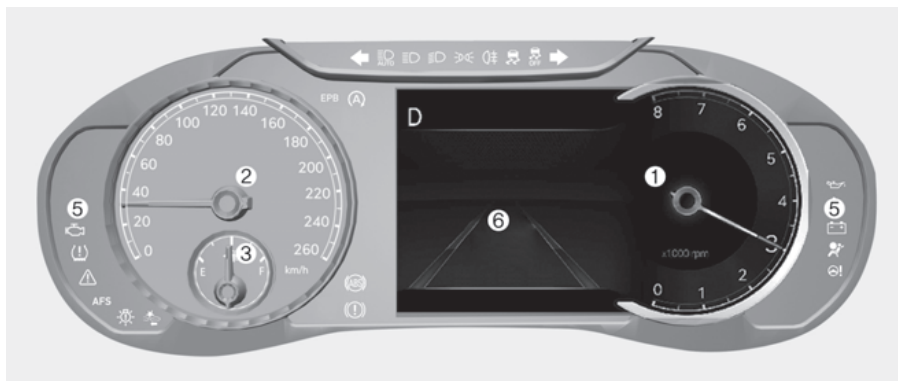
The above situations may cause a malfunction of the active bonnet lift system.

4. Instrument cluster

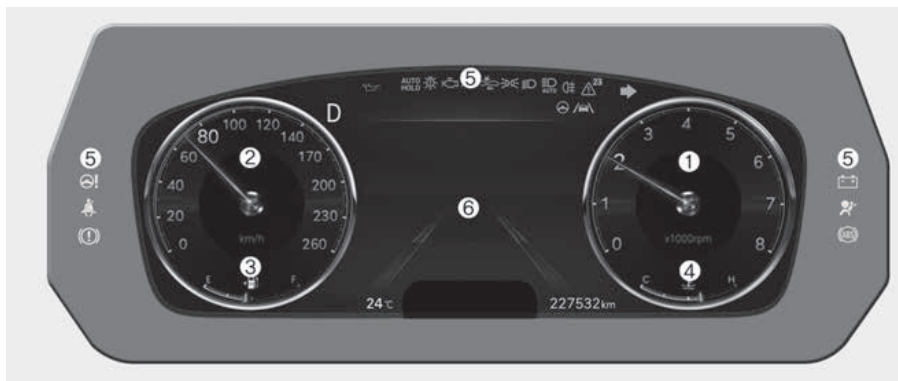
Instrument cluster	4-2
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Instrument cluster

8-inch



12.3-inch 3D



The actual instrument cluster in the vehicle may differ from the image.
For more information, refer to the “Gauges and metres” section in this chapter.

1. Tachometre
2. Speedometer
3. Fuel gauge
4. Engine coolant temperature gauge
5. Warning and indicator lights
6. Instrument cluster display

i Information

Detailed information on 3D instrument cluster is provided later in this chapter.

Instrument cluster control

Instrument panel illumination



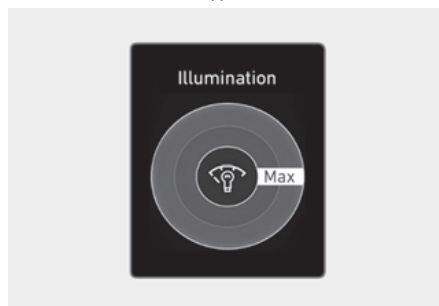
When the vehicle's parking lamps or headlamps are on, press the illumination control switch to adjust the brightness of the instrument panel illumination.

When pressing the illumination control switch, the interior switch illumination intensity is also adjusted.

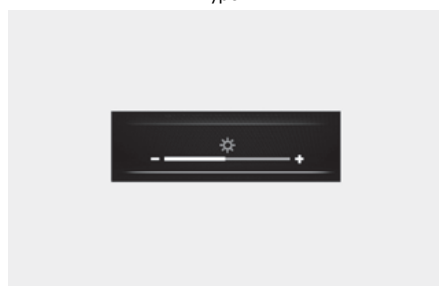
WARNING

Never adjust the instrument cluster whilst driving. This could result in loss of control and lead to an accident that may cause death, serious injury, or vehicle damage.

Type A



Type B



- The brightness of the instrument panel illumination appears.
- If the brightness reaches the maximum or minimum level, a chime will sound.

Gauges and metres

Speedometer

8-inch



12.3-inch 3D



The speedometer indicates the speed of the vehicle and is calibrated in kilometres per hour (km/h).

Tachometer

8-inch



12.3-inch 3D



The tachometer indicates the approximate number of engine revolutions per minute (rpm).

Use the tachometer to select the correct shift points and to prevent lugging and/or over-revving the engine.

NOTICE

Do not operate the engine within the tachometer's RED ZONE. This may cause severe engine damage.

Engine coolant temperature gauge (for 12.3-inch 3D cluster)



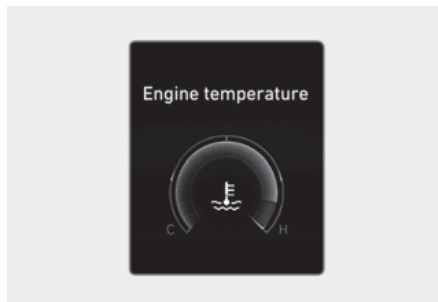
This gauge indicates the temperature of the engine coolant when the Engine Start/Stop button is in the ON position.

NOTICE

If the gauge pointer moves beyond the normal range area toward the “H (Hot)” position, it indicates overheating that may damage the engine.

Do not continue driving with an overheated engine. If your vehicle overheats, refer to the “If the engine overheats” section in chapter 8.

i Information



For vehicles with an 8-inch instrument cluster, you can check the engine coolant temperature in the Utility view on the instrument cluster.

Refer to the “View modes” section in chapter 4.

WARNING

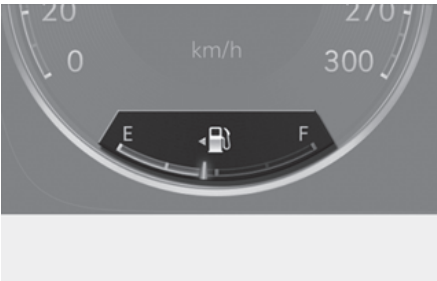
Never remove the engine coolant reservoir cap when the engine is hot. The engine coolant is under pressure and could cause severe burns. Wait until the engine is cool before adding coolant to the reservoir.

Fuel gauge

8-inch



12.3-inch 3D



This gauge indicates the approximate amount of fuel remaining in the fuel tank.

i Information

- The fuel tank capacity is given in chapter 2.
- The fuel gauge is supplemented by a low fuel warning light, which will illuminate when the fuel tank is nearly empty.
- On inclines or curves, the fuel gauge pointer may fluctuate or the low fuel warning light may come on earlier than usual due to the movement of fuel in the tank.

WARNING

Running out of fuel can expose vehicle occupants to danger.

You must stop and obtain additional fuel as soon as possible after the warning light comes on or when the gauge indicator comes close to the “E (Empty)” level.

NOTICE

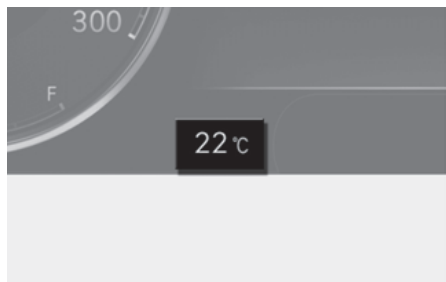
Avoid driving with an extremely low fuel level. Running out of fuel could cause the engine to misfire damaging the catalytic converter.

Outside temperature gauge

8-inch



12-3 inch 3D



This gauge indicates the current outside air temperatures in 1° C (1° F) increments.

Note that the temperature indicated on the instrument cluster display may not change as quickly as the outside temperature (there may be a slight delay before the temperature changes.)

You can change the temperature unit from the Settings menu in the infotainment system. Select:

- **Settings > General > Units > Temperature > °C/°F**

i Information

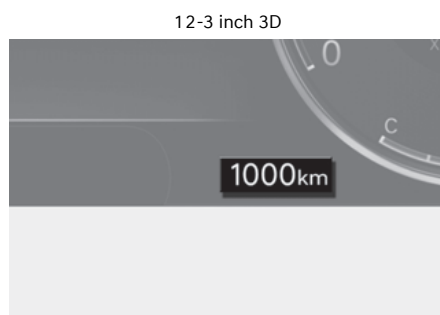
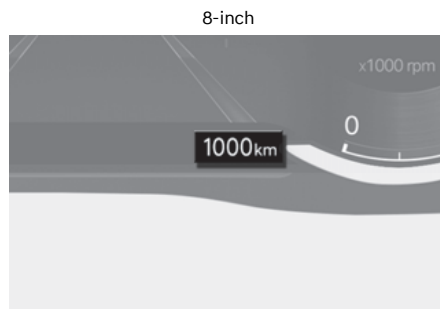
The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

For vehicles equipped with Automatic Climate Control, you can also:

- Press the AUTO button whilst pressing the OFF button on the climate control unit for 3 seconds

Both the temperature unit on the instrument cluster display and climate control screen will change.

Odometer



The odometer indicates the total distance that the vehicle has been driven and should be used to determine when periodic maintenance should be performed.

Distance to empty

8-inch



12.3-inch 3D



- The distance to empty is the estimated distance the vehicle can be driven with the remaining fuel.
- If the estimated distance is below 1 km, the trip computer will display "---" as distance to empty.

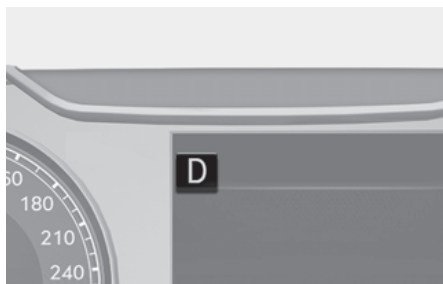
***i* Information**

- If the vehicle is not on level ground or the battery power has been interrupted, the distance to empty function may not operate correctly.
- The distance to empty may differ from the actual driving distance as it is an estimate of the available driving distance.
- The trip computer may not register additional fuel if less than 6 litres (1.5 gallon) of fuel are added to the vehicle.
- The distance to empty may vary significantly based on driving conditions, driving habits, and condition of the vehicle.

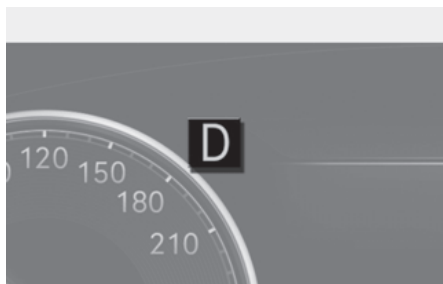
Transmission shift indicator

Automatic transmission shift indicator

8-inch



12.3-inch 3D



This indicator informs the driver of which gear is currently engaged.

- Park : P
- Reverse : R
- Neutral : N
- Drive : D
- Manual shift mode : 1, 2, 3, 4, 5, 6, 7, 8

Warning and indicator lights

i Information

Make sure that all warning lights are OFF after starting the engine. If any light is still ON, this indicates a situation that needs attention.

Seat belt warning light



This warning light informs the driver that the seat belt is not fastened.

For more information, refer to the “Seat belts” section in chapter 3.

Airbag warning light



This warning light illuminates:

- When the Engine Start/Stop button is in the ON position. It illuminates for 3-6 seconds and then goes off.
 - The airbag warning light illuminates for about 6 seconds and then turns off when all checks have been performed.
- The airbag warning light will remain illuminated if there is a malfunction with the Safety Restraint System (SRS) airbag operation.

If this occurs, we recommend that you have the vehicle inspected by an authorised Genesis repairer.

Parking brake & Brake fluid warning light



This warning light illuminates:

- When the Engine Start/Stop button is in the ON position. It illuminates for about 3 seconds and then goes off once the parking brake is released.
- Whenever the parking brake is applied.
- Whenever the brake fluid level in the reservoir is low.
 - If the warning light illuminates with the parking brake released, it indicates the brake fluid level in the reservoir is low.

If the brake fluid level in the reservoir is low:

1. Drive carefully to the nearest safe location and stop your vehicle.
2. With the engine stopped, check the brake fluid level immediately and add fluid as required (For more information, refer to the “Brake fluid” section in chapter 9). After adding brake fluid, check all brake components for fluid leaks. If a brake fluid leak is found, or if the warning light remains on, or if the brakes do not operate properly, do not drive the vehicle. We recommend that you have the vehicle inspected by an authorised Genesis repairer.

Dual-diagonal braking system

Your vehicle is equipped with dual-diagonal braking system. This means you still have braking on two wheels even if one of the dual systems should fail.

With only one of the dual systems working, more than normal pedal travel and greater pedal pressure is required to stop the vehicle.

Also, the vehicle will not stop in as short a distance with only a portion of the brake system working.

If the brakes fail whilst you are driving, shift to a lower gear for additional engine braking and stop the vehicle as soon as it is safe to do so.

WARNING

Parking Brake & Brake Fluid warning light

Driving the vehicle with a warning light ON is dangerous. If the Parking Brake & Brake Fluid warning light illuminates with the parking brake released, it indicates that the brake fluid level is low.

If this occurs, we recommend that you have the vehicle inspected by an authorised Genesis repairer.

Anti-lock Brake System (ABS) warning light



This warning light illuminates:

- When the Engine Start/Stop button is in the ON position. It illuminates for about 3 seconds and then goes off.
- Whenever there is a malfunction with the ABS.

Note that the hydraulic braking system will still be operational even if there is a malfunction with the ABS.

If this occurs, we recommend that you have the vehicle inspected by an authorised Genesis repairer.

Electronic Brake Force Distribution (EBD) system warning light



When the ABS warning and Parking Brake warning lights are on simultaneously, it may indicate a problem with the Electronic Brake Force Distribution system.

If this occurs, we recommend that you have the vehicle inspected by an authorised Genesis repairer.

⚠ WARNING

Electronic Brake Force Distribution (EBD) system warning light

When both ABS and Parking Brake & Brake Fluid warning lights are on, the brake system will not work normally and you may experience an unexpected and dangerous situations during sudden braking.

If this occurs, avoid high speed driving and abrupt braking.

We recommend that you have the vehicle inspected by an authorised Genesis repairer as soon as possible.

NOTICE

Electronic Brake Force Distribution (EBD) system warning light

When the ABS warning light is on or both ABS and Parking Brake & Brake Fluid warning lights are on, the speedometer, odometer, or tripmeter may not work. Also, the MDPS warning light may illuminate and the steering effort may increase or decrease.

If this occurs, we recommend that you have the vehicle inspected by an authorised Genesis repairer as soon as possible.

Motor Driven Power Steering (MDPS) warning light



This warning light illuminates:

- When the Engine Start/Stop button is in the ON position. It illuminates for about 3 seconds and then goes off.
- Whenever there is a malfunction with the Motor Driven Power Steering.
If this occurs, we recommend that you have the vehicle inspected by an authorised Genesis repairer.

Charging system warning light



This warning light illuminates:

When there is a malfunction with either the alternator or electrical charging system.

If there is a malfunction with either the alternator or electrical charging system:

1. Drive carefully to the nearest safe location and stop your vehicle.
2. Turn the engine off and check the alternator drive belt for looseness or breakage.

If the belt is adjusted properly, there may be a problem in the electrical charging system.

If this occurs, we recommend that you have the vehicle inspected by an authorised Genesis repairer as soon as possible.

Engine oil pressure warning light



This warning light illuminates:

When the engine oil pressure is low.

If the engine oil pressure is low:

1. Drive carefully to the nearest safe location and stop your vehicle.
2. Turn the engine off and check the engine oil level (For more information, refer to the “Engine oil” section in chapter 9). If the level is low, add oil as required.

If the warning light remains on after adding oil or if oil is not available, we recommend that you have the vehicle inspected by an authorised Genesis repairer as soon as possible.

NOTICE

- Continued driving with the warning light on may cause engine failure.
- If the engine is not stopped immediately after the Engine Oil Pressure warning light is illuminated, severe damage could result.

i Information

When engine oil pressure decreases due to insufficient engine oil, etc., the Engine Oil Pressure warning light will illuminate. In addition, the enhanced engine protection system which limits engine power will be activated. If the engine oil pressure is restored, the warning light and the enhanced engine protection system will turn off after the engine is restarted.

Engine coolant temperature warning light (for 8-inch instrument cluster)



The warning light illuminates:

When the temperature of the engine coolant is extremely high.

Do not continue driving with an overheated engine. If your vehicle overheats, refer to the “If the engine overheats” section in chapter 8.

NOTICE

If the Engine Coolant Temperature warning light illuminates, it indicates overheating that may damage the engine.

Low fuel level warning light



This warning light illuminates:

When the fuel tank is nearly empty.

Add fuel as soon as possible.

NOTICE

Driving with the Low Fuel Level warning light on or with the fuel level below “E” can cause the engine to misfire and damage the catalytic converter.

Malfunction Indicator Lamp (MIL)



This indicator light illuminates:

- When the Engine Start/Stop button is in the ON position. It illuminates for about 3 seconds and then goes off.
- Whenever there is a malfunction with either the emission control system or the engine or the vehicle powertrain. If this occurs, we recommend that you have the vehicle inspected by an authorised Genesis repairer.

NOTICE

- Driving with the Malfunction Indicator Lamp (MIL) on may cause damage to the emission control system which could affect drivability and/or fuel economy.
- If the enhanced engine protection system becomes activated due to lack of engine oil, engine power will be limited. If such condition continues repeatedly, the Malfunction Indicator Lamp will illuminate.

NOTICE

- If the Malfunction Indicator Lamp (MIL) illuminates, potential catalytic converter damage is possible which could result in loss of engine power. If this occurs, we recommend that you have the vehicle inspected by an authorised Genesis repairer as soon as possible.

Master warning light



This warning light illuminates:

When there is a malfunction in operation in any of the following systems:

- Forward Collision-Avoidance Assist malfunction
- Forward Collision-Avoidance Assist radar blocked
- Blind-Spot Collision-Avoidance Assist malfunction
- Blind-Spot Collision-Avoidance Assist radar blocked
- LED headlamp malfunction
- High Beam Assist malfunction (if equipped)
- Smart Cruise Control malfunction
- Smart Cruise Control radar blocked
- Tyre Pressure Monitoring System (TPMS) malfunction

To identify the details of the warning, look at the instrument cluster display.

Electronic Parking Brake (EPB) warning light

EPB

This warning light illuminates:

- When the Engine Start/Stop button is in the ON position. It illuminates for about 3 seconds and then goes off.
- Whenever there is a malfunction with EPB.

If this occurs, we recommend that you have the vehicle inspected by an authorised Genesis repairer.

i Information

The Electronic Parking Brake (EPB) warning light may illuminate when the Electronic Stability Control (ESC) indicator light comes on to indicate that ESC is not working properly. This does not indicate malfunction of EPB.

Low tyre pressure warning light



This warning light illuminates:

- When the Engine Start/Stop button is in the ON position. It illuminates for about 3 seconds and then goes off.
- When one or more of your tyres are significantly underinflated. (The location of the underinflated tyres appears on the instrument cluster display.)

For more information, refer to the “Tyre Pressure Monitoring System (TPMS)” section in chapter 8.

This warning light remains ON after blinking for about 60 seconds, or repeatedly blinks ON and OFF in 3 second intervals:

When there is a malfunction with the TPMS.

If this occurs, we recommend that you have the vehicle inspected by an authorised Genesis repairer as soon as possible.

For more information, refer to the “Tyre Pressure Monitoring System (TPMS)” section in chapter 8.

WARNING

Safe Stopping

- The TPMS cannot alert you to severe and sudden tyre damage caused by external factors.
- If you notice any vehicle instability, immediately take your foot off the accelerator pedal, apply the brakes gradually with light force, and slowly move to a safe position off the road.

Forward Safety warning light

 if equipped



This warning light illuminates:

- When the Engine Start/Stop button is in the ON position. It illuminates for about 3 seconds and then goes off.
- Yellow: When Forward Safety of Forward Collision-Avoidance Assist is deselected, disabled, or a malfunction is detected.

If the yellow warning light remains on after the sensor has been uncovered or unblocked when Forward Safety is set, we recommend that your vehicle be inspected by an authorised Genesis repairer.

This warning light blinks:

- Red: When Forward Safety function is operating.

For more information, refer to the “Forward Collision-Avoidance Assist (FCA) (Sensor fusion)” section in chapter 7.

Lane Safety indicator light

 if equipped



This indicator light illuminates:

- When the Engine Start/Stop button is in the ON position. It illuminates for about 3 seconds and then goes off.
- Gray: When Lane Keeping Assist operating conditions are not satisfied.
- Green: When Lane Keeping Assist operating conditions are satisfied.
- Yellow: When Lane Safety is deselected, disabled, or a malfunction is detected.

If the yellow warning light remains on after the sensor has been uncovered or unblocked when Lane Safety is set, we recommend that your vehicle be inspected by an authorised Genesis repairer.

This indicator light blinks:

- Green: When Lane Keeping Assist is operating.

For more information, refer to the “Lane Keeping Assist (LKA)” section in chapter 7.

Lane Following Assist indicator light

+ if equipped

**This indicator light illuminates:**

- When the Engine Start/Stop button is in the ON position. It illuminates for about 3 seconds and then goes off.
- Green: When Lane Following Assist is operating.
- Grey: When Lane Following Assist operating conditions are not satisfied.

This indicator light blinks:

- White: When the steering wheel assist is cancelled.

For more information, refer to the “Lane Following Assist (LFA)” section in chapter 7.

Intelligent Front-Lighting System warning light

+ if equipped

AFS**This warning light illuminates:**

- When the Engine Start/Stop button is in the ON position. It illuminates for about 3 seconds and then goes off.
- Whenever there is a malfunction with Intelligent Front-Lighting System.

If this occurs, drive your vehicle to the nearest safe location, and turn the engine off and restart the engine. If the warning light remains on, we recommend that you have the vehicle inspected by an authorised Genesis repairer.

For more information, refer to the “Intelligent Front-Lighting System (IFS)” section in chapter 5.

LED headlamp warning light**This warning light illuminates:**

- When the Engine Start/Stop button is in the ON position. It illuminates for about 3 seconds and then goes off.
- Whenever there is a malfunction with the LED headlamp.

If this occurs, we recommend that you have the vehicle inspected by an authorised Genesis repairer.

This warning light blinks:

Whenever there is a malfunction with a LED headlamp related part.

If this occurs, we recommend that you have the vehicle inspected by an authorised Genesis repairer.

NOTICE

Continuous driving with the LED headlamp warning light on or blinking can reduce LED headlamp life.

Icy road warning light

 if equipped



This warning light is to warn the driver the road may be icy.

When the temperature on the outside temperature gauge is about or below 4°C (40°F), the Icy Road warning light and Outside Temperature Gauge blinks and then illuminates. Also, the warning chime sounds 1 time.

You can activate or deactivate Icy Road Warning function from the Settings menu in the infotainment system. Select:

- **Settings > Vehicle > Cluster > Content selection > Icy road warning**

i Information

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

i Information

If the Icy Road warning light appears whilst driving, you should drive more attentively and safely refraining from over-speeding, rapid acceleration, sudden braking or sharp turning, etc.

Electronic Stability Control (ESC) indicator light



This indicator light illuminates:

- When the Engine Start/Stop button is in the ON position. It illuminates for about 3 seconds and then goes off.
- Whenever there is a malfunction with ESC system.

If this occurs, we recommend that you have the vehicle inspected by an authorised Genesis repairer.

This indicator light blinks:

Whilst ESC is operating.

For more information, refer to the “Electronic Stability Control (ESC)” section in chapter 6.

Electronic Stability Control (ESC) OFF indicator light



This indicator light illuminates:

- When the Engine Start/Stop button is in the ON position. It illuminates for about 3 seconds and then goes off.
- When you deactivate ESC system by pressing the ESC OFF button.

For more information, refer to the “Electronic Stability Control (ESC)” section in chapter 6.

Immobiliser indicator light



This indicator light illuminates for up to 30 seconds:

When the vehicle detects the smart key in the vehicle with the Engine Start/Stop button in the ACC or ON position.

- Once the smart key is detected, you can start the engine.
- The indicator light goes off after starting the engine.

This indicator light blinks for a few seconds:

When the smart key is not in the vehicle.

- If the smart key is not detected, you cannot start the engine.

This indicator light illuminates for 2 seconds and goes off:

If the smart key is in the vehicle and the Engine Start/Stop button is ON, but the vehicle cannot detect the smart key.

If this occurs, we recommend that you have the vehicle inspected by an authorised Genesis repairer.

This indicator light blinks:

Whenever there is a malfunction with the immobiliser system.

If this occurs, we recommend that you have the vehicle inspected by an authorised Genesis repairer.

Turn signal indicator light



This indicator light blinks:

When you operate the turn signal indicator stalk.

If any of the following occur, there may be a malfunction with the turn signal system.

- The turn signal indicator light illuminates but does not blink
- The turn signal indicator light blinks rapidly
- The turn signal indicator light does not illuminate at all

If any of these conditions occur, we recommend that you have the vehicle inspected by an authorised Genesis repairer.

High beam indicator light



This indicator light illuminates:

- When the headlamps are on and the turn signal lever is moved to the high beam position.
- When the turn signal lever is pulled into the Flash-to-Pass position.

Light ON indicator light



This indicator light illuminates:

When the parking lamps or headlamps are on.

High Beam Assist indicator light

 if equipped



This indicator light illuminates:

When the high-beam is on with the light switch in the AUTO position.

- White: When High Beam Assist is ready to operate.
- Green: When High Beam Assist is operating.

If your vehicle detects oncoming or preceding vehicles, High Beam Assist will switch the high beam to low beam automatically.

For more information, refer to the “High Beam Assist (HBA)” section in chapter 5.

Intelligent Front-Lighting System indicator light

 if equipped



This indicator light illuminates:

When the high-beam is on with the light switch in the AUTO position.

- White: When Intelligent Front-Lighting system is ready to operate.
- Green: When Intelligent Front-Lighting system is operating.

If your vehicle detects oncoming or preceding vehicles, the Intelligent Front-Lighting system partially turns off the high beam LED lights.

For more information, refer to the “Intelligent Front-Lighting System (IFS)” section in chapter 5.

AUTO HOLD indicator light



This indicator light illuminates:

- White: When you activate Auto Hold by pressing the AUTO HOLD switch.
- Green: When you stop the vehicle completely by pressing the brake pedal with Auto Hold activated.
- Yellow: Whenever there is a malfunction with the Auto Hold function.

If this occurs, we recommend that you have the vehicle inspected by an authorised Genesis repairer.

For more information, refer to the “Electronic Parking Brake (EPB)” section in chapter 6.

Driver attention warning light



This indicator light illuminates:

- When the Engine Start/Stop button is in the ON position. It illuminates for about 3 seconds and then goes off.
- Yellow: When Driver Attention Warning is disabled or a malfunction is detected. If the yellow indicator light remains on after the front view camera has been uncovered or unblocked, we recommend that your vehicle be inspected by an authorised Genesis repairer.

This indicator light blinks:

- Yellow: When the Driver Attention Warning is operating.

For more information, refer to the “Driver Attention Warning (DAW)” section in chapter 7.

Intelligent Speed Limit Assist indicator light

 if equipped



This indicator light illuminates:

- When the Engine Start/Stop button is in the ON position. It illuminates for about 3 seconds and then goes off.
- Yellow: When Intelligent Speed Limit Assist is off, disabled, or a malfunction is detected.

If the yellow indicator light remains on after the front view camera has been uncovered or unblocked, we recommend that your vehicle be inspected by an authorised Genesis repairer.

For more information, refer to the “Intelligent Speed Limit Assist (ISLA)” section in chapter 7.

Cruise indicator light

 if equipped



This indicator light illuminates:

When the cruise control system is enabled.

For more information, refer to the “Smart Cruise Control (SCC)” in chapter 7.

Speed Limiter indicator light



This indicator light illuminates:

When the speed limiter is enabled.

For more information, refer to the “Manual Speed Limit Assist (MSLA)” section in chapter 7.

ECO Mode Indicator Light



This indicator light illuminates

When you select “ECO” mode as drive mode.

For more information, refer to the “Drive mode integrated control system” section in chapter 6.

SPORT Mode Indicator Light

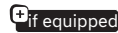


This indicator light illuminates

When you select “SPORT” mode as drive mode.

For more information, refer to the “Drive mode integrated control system” section in chapter 6.

SPORT + mode indicator light

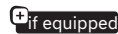


This indicator light illuminates

When you select “SPORT+” mode as drive mode.

For more information, refer to the “Drive mode integrated control system” section in chapter 6.

CUSTOM mode indicator light



This indicator light illuminates

When you select “CUSTOM” mode as drive mode.

For more information, refer to the “Drive mode integrated control system” section in chapter 6.

Instrument cluster display messages

Shift to P

This message appears if you try to turn off the vehicle without the vehicle in the P (Park) position.

If this occurs, the Engine Start/Stop button turns to the ACC position.

Vehicle is in N. Press START button and shift to P (and turn vehicle off)

This message appears if you try to turn off the vehicle with the vehicle in N (Neutral).

To turn off the vehicle:

1. Press the Engine Start/Stop button. The button will change to the ON position.
2. Press the P button to shift to P (Park).
3. Press the Engine Start/Stop button again, then the vehicle will turn off.

Low key battery

This message appears if the battery of the smart key is discharged whilst changing the Engine Start/Stop button to the OFF position.

Press START button whilst turning wheel

 if equipped

This message appears if the steering wheel does not unlock normally when the Engine Start/Stop button is pressed.

You should press the Engine Start/Stop button whilst turning the steering wheel right and left.

Check steering wheel lock system

 if equipped

This message appears if the steering wheel does not lock normally whilst the Engine Start/Stop button is pressed to the OFF position.

Press brake pedal to start engine

This message appears if the Engine Start/Stop button changes to the ACC position twice by pressing the button repeatedly without pressing the brake pedal.

You can start the vehicle by pressing the brake pedal and then pressing the Engine Start/Stop button.

Key not in vehicle

This message appears if the smart key is not in the vehicle when you leave the vehicle with the Engine Start/Stop button in the ON or Start position.

Always turn off the engine before leaving your vehicle.

Key not detected

This message appears if the smart key is not detected when you press the Engine Start/Stop button.

Press START button again

This message appears if you were unable to start the vehicle when the Engine Start/Stop button was pressed.

If this occurs, attempt to start the engine by pressing the Engine Start/ Stop button again.

If the warning message appears each time you press the Engine Start/Stop button, we recommend that you have the vehicle inspected by an authorised Genesis repairer.

Press START button with key

This warning message appears if you press the Engine Start/Stop button whilst the warning message **"Key not detected"** appears.

At this time, the immobiliser indicator light blinks.

Check BRAKE SWITCH fuse

This message appears if the brake switch fuse is disconnected.

You need to replace the fuse with a new one before starting the engine.

If that is not possible, you can start the engine by pressing the Engine Start/Stop button for 10 seconds in the ACC position.

Shift to P or N to start engine

This message appears if you try to start the engine in any other position except P (Park) or N (Neutral).

i Information

You can start the engine with the vehicle in N (Neutral). But, for your safety, we recommend that you start the engine with the gear shifted to P (Park).

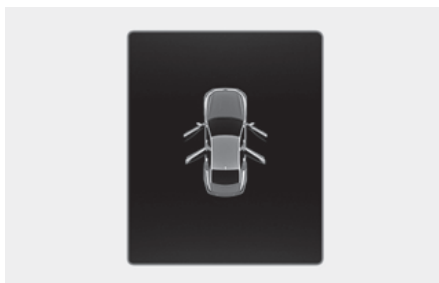
Battery discharging due to external/additional electrical devices

This message appears if the 12 V battery voltage is weak due to any non-factory electrical accessories (ex. instrument panel camera) whilst parking. Be careful that the battery is not discharged.

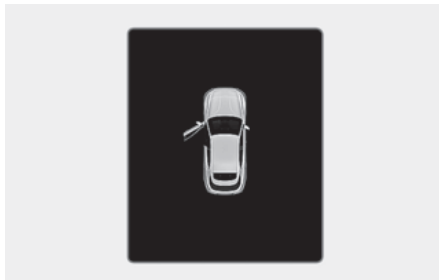
If the message appears after removing the non-factory electrical accessories, we recommend that you have the vehicle inspected by an authorised Genesis repairer.

Door, Bonnet, boot (or tailgate) open indicator

Sedan



Shooting Brake



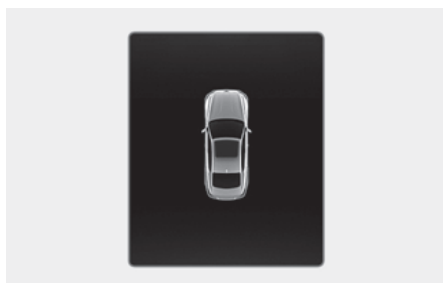
This warning appears if any door or bonnet or boot (or tailgate) is left open. The warning will indicate which door is open in the display.

Before driving the vehicle, you should confirm that the door, bonnet and boot (or tailgate) are fully closed.

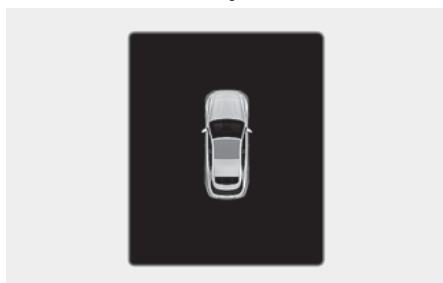
Sunroof open indicator

 if equipped

Sedan

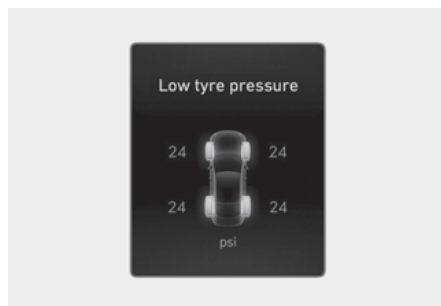


Shooting Brake



This warning appears if you turn off the engine when the sunroof is open. Close the sunroof securely before leaving your vehicle.

Low tyre pressure



This warning message appears if the tyre pressure is low. The corresponding tyre on the vehicle will be illuminated.

For more information, refer to the “Tyre Pressure Monitoring System (TPMS)” section in chapter 8.

Lights



This indicator displays which exterior light is selected using the lighting control.

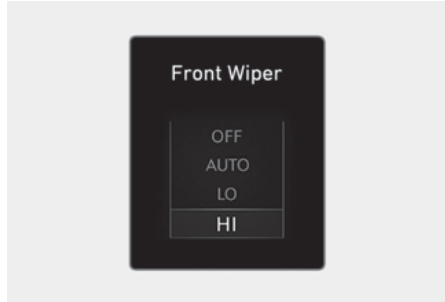
You can activate or deactivate Wiper/Lights display function from the Settings menu in the infotainment system. Select:

- **Settings > Vehicle > Cluster > Content selection > Wiper/Lights display**

i Information

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

Wiper



This indicator displays which wiper speed is selected using the wiper control.

You can activate or deactivate Wiper/Lights display function from the Settings menu in the infotainment system. Select:

- **Settings > Vehicle > Cluster > Content selection > Wiper/Lights display**

i Information

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

Low washer fluid

This message appears if the washer fluid level in the reservoir is nearly empty.

Have the washer fluid reservoir refilled.

Low fuel

This message appears if the fuel tank is almost out of fuel.

When this message appears, the low fuel level warning light in the instrument cluster will come on.

It is recommended that you look for the nearest fuelling station and refuel as soon as possible.

Low engine oil

 if equipped

This warning message appears when the engine oil level should be checked.

If this warning message appears, check the engine oil level as soon as possible and add engine oil as required.

Slowly pour the recommended oil little by little into a funnel.

Use only the specified engine oil. (Refer to the “Recommended lubricants and capacities” section in chapter 2.)

Do not overfill the engine oil. Make sure the oil level is not above F (Full) mark on the dipstick.

***i* Information**

After adding engine oil, if you travel about 50–100 km after the engine warms up, the warning message will disappear.

Engine overheated/Engine has overheated

This message appears when the engine coolant temperature is above 120° C (248°F). This means that the engine is overheated and may be damaged.

If your vehicle is overheated, refer to the “If the engine overheats” section in chapter 8.

Check haptic steering wheel system

This message appears if there is a problem with the haptic steering wheel system. We recommend that you have the vehicle inspected by an authorised Genesis repairer.

Check headlamp

 if equipped

This message appears if the headlamps are not operating properly. A lamp may need to be replaced.

Make sure to replace the burned out bulb with a new one of the same wattage rating.

Check turn signal

 if equipped

This message appears if the turn signal lamps are not operating properly. A lamp may need to be replaced.

Make sure to replace the burned out bulb with a new one of the same wattage rating.

Check headlamp LED

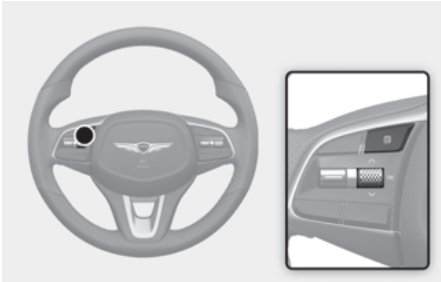
 if equipped

This message appears if there is a problem with the LED headlamp. We recommend that you have the vehicle inspected by an authorised Genesis repairer.

Instrument cluster display (Type A)

 If equipped

Instrument cluster display control



The Instrument cluster display modes can be changed by using the control switches.

Switch	Operation	Function
	Press	MODE button for changing View modes
	Scroll	UP, DOWN switch for changing items in Utility view and Option menu
OK	Press	SELECT/RESET switch for entering Option menu
	Press and hold	SELECT/RESET switch for retrieving assist information or resetting the selected item

View modes

View modes	Explanation
Driving Assist	Driving Assist view displays the status of the vehicle's Driving Assist systems.
Turn by Turn	Turn By Turn view displays the state of the navigation.
Utility	Utility view displays driving information such as the trip distance, fuel economy and etc.

The information provided may differ depending on which functions are applicable to your vehicle.

Driving Assist view

Sedan



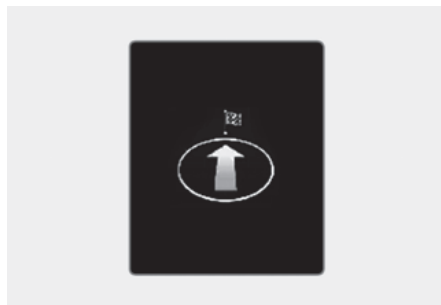
Shooting Brake



The status of Smart Cruise Control, Lane Following Assist, Highway Driving Assist, etc. appears when Driving Assist view is selected.

For more information, refer to each system information section in chapter 7.

Turn By Turn (TBT) view



Turn-by-turn navigation, distance/time to destination information appears when Turn by Turn view is selected.

Utility view

In the Utility view, using the $\wedge$, $\vee$ (UP, DOWN) switch, you may change through items in the following order.

Gauges (Sedan, if equipped)



This mode displays information related to your engine such as engine oil temperature (1), current torque (2) and turbo boost pressure (3).

Drive info

Type A



Type B



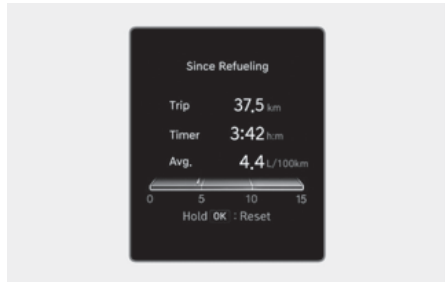
Trip distance, total driving time, average fuel economy, and instant fuel economy appear.

The information is combined for each ignition cycle. However, when the engine has been OFF for 4 hours or longer the Drive Info screen will reset.

To reset manually, press the **OK** switch on the steering wheel for more than 1 second when “**Drive Info**” appears.

Since refuelling

Type A



Type B

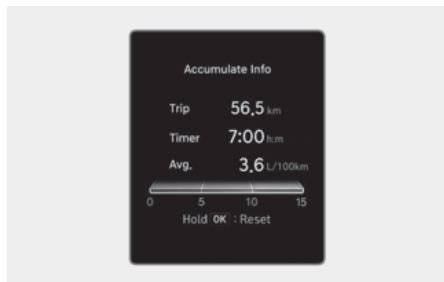


Trip distance, total driving time, average fuel economy, and instant fuel economy after the vehicle has been refuelled appear.

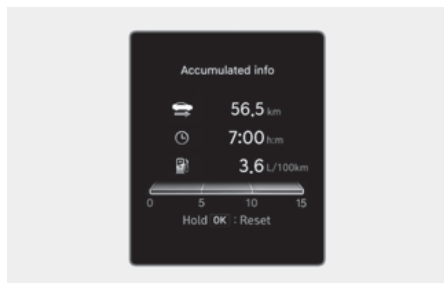
To reset manually, press the **OK** switch on the steering wheel for more than 1 second when “**Since Refuelling**” appears.

Accumulated info

Type A



Type B

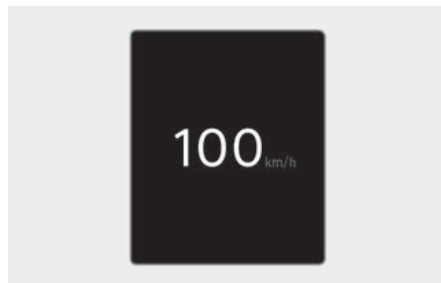


Accumulated Trip distance, total driving time, average fuel economy, and instant fuel economy appear.

The information is accumulated starting from the last reset.

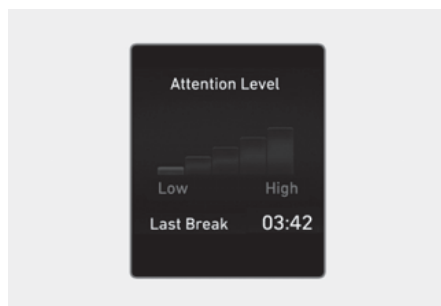
To reset manually, press the **OK** switch on the steering wheel for more than 1 second when “**Accumulated Info**” appears.

Digital speedometer



Digital speedometer display shows the speed of the vehicle.

Attention level

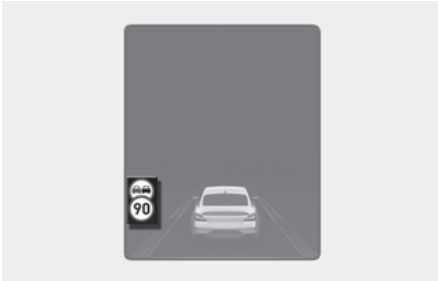


The driver's attention level is shown based on the driver's driving pattern.

For more information, refer to the “Driver Attention Warning (DAW)” section in chapter 7.

Speed limit warning

 if equipped



The driver can monitor the information provided from Intelligent Speed Limit Assist.

For more information, refer to the “Intelligent Speed Limit Assist (ISLA)” section in chapter 7.

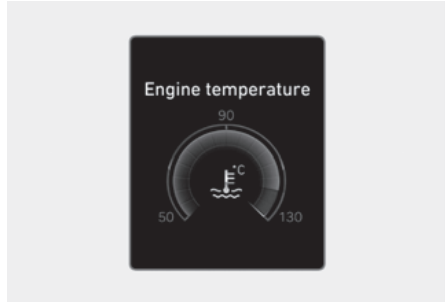
Tyre pressure



The tyre pressure of each tyre appears.

For more information, refer to the “Tyre Pressure Monitoring System (TPMS)” section in chapter 8.

Engine temperature

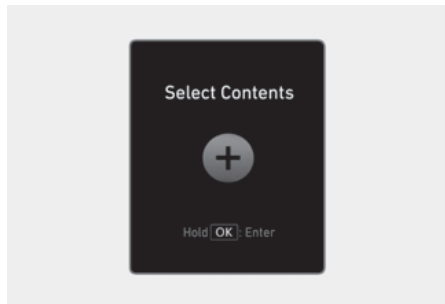


Engine coolant temperature gauge display shows the temperature of the engine coolant when the engine is running.

Select contents

You can select the items to be displayed in Utility view.

1. Press and hold the **OK** switch on the steering wheel.



2. Use the ,  (UP, DOWN) switch to change items, and press the **OK** switch to select or deselect the item.
3. After selecting the items to be displayed in the Utility view, press the  (MODE) button to exit the “**Select Contents**” display.

WARNING

To avoid driver distractions, do not adjust the setting whilst driving the vehicle which may lead to an accident.

Option menu

Press the **OK** switch to enter option menu.

WARNING

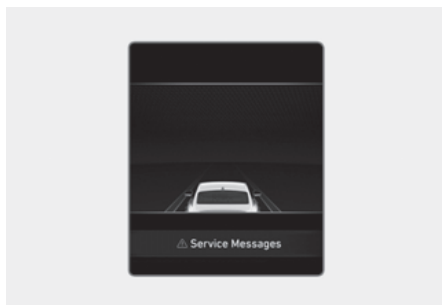
To avoid driver distractions, do not adjust the setting whilst driving which may lead to an accident.

Information

The information provided may differ depending on which functions are applicable to your vehicle.

Menu	Explanation
Service messages	To check vehicle warning messages.
Head-up display	To activate or deactivate head-up display.
Driver assistance settings	To directly display Driver assistance menu on the infotainment system
Speed unit	To set speed unit between km/h and MPH.

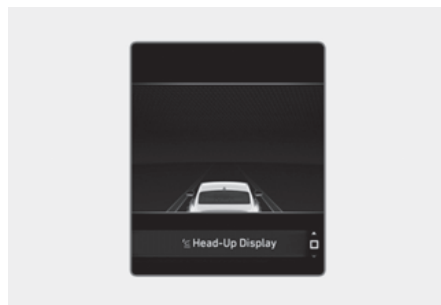
Service messages



When **Service Messages** menu is selected, press the **OK** switch on the steering wheel to check vehicle warning messages.

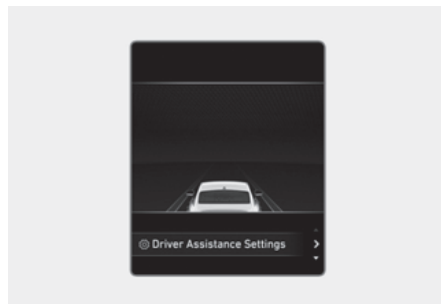
Head-up display

 if equipped



When **Head-Up Display** menu is selected, press the **OK** switch on the steering wheel. You may select or deselect head-up display by pressing the **OK** switch.

Driver Assistance settings

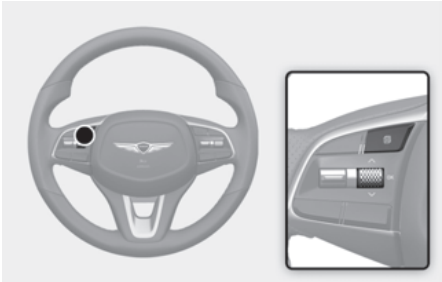


When **Driver Assistance Settings** menu is selected, press the **OK** switch on the steering wheel. The **Driver assistance** menu will be displayed on the infotainment system.

Instrument cluster display (Type B)

 If equipped

Instrument cluster display control



The instrument cluster display modes can be changed by using the control switches.

Switch	Function
	MODE button for changing modes
	MOVE switch for changing items
OK	SELECT/RESET button for setting or resetting the selected item

View modes

View modes	Symbol	Explanation
Sport (Sedan, if equipped)		This mode displays information related to the engine.
Trip Computer		- This mode displays driving information such as the tripmeter, fuel economy, etc. - This mode displays digital speedometer. For more information, refer to the “Trip computer” section in this chapter.
Turn By Turn (TBT)		This mode displays the state of the navigation.
Driving Assist		- This mode displays the state of : - Smart Cruise Control - Lane Keeping Assist - Driver Attention Warning - Tyre pressure Monitoring system For more information, refer to each function information section in each chapter.
Warning		This mode displays warning messages related to the vehicle when one or more systems is not operating normally.

The information provided may differ depending on which functions are applicable to your vehicle.

Sport mode (Sedan, if equipped)



This mode displays information related to your engine such as engine oil temperature (1), current torque (2) and turbo boost pressure (3).

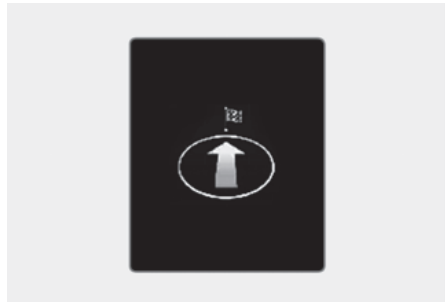
Trip computer mode



The trip computer mode displays information related to vehicle driving parameters including Trip distance, total driving time, average fuel economy, instant fuel economy.

For more information, refer to the “Trip computer” section in this chapter.

Turn By Turn (TBT) mode



Turn-by-turn navigation, distance/time to destination information appears when Turn by Turn view is selected.

Driving Assist mode

Sedan



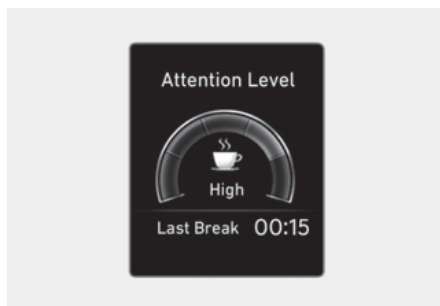
Shooting Brake



The status of Smart Cruise Control, Lane Following Assist, Highway Driving Assist, etc. appears when Driving Assist view is selected.

For more information, refer to each system information section in chapter 7.

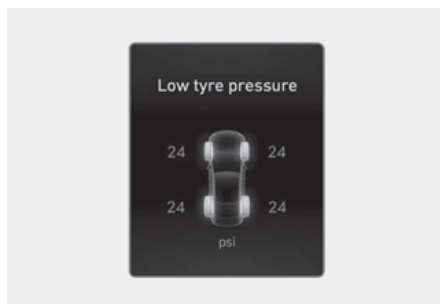
Driver attention warning



This mode displays the state of Driver Attention Warning (DAW).

For more information, refer to the “Driver Attention Warning (DAW)” section in chapter 7.

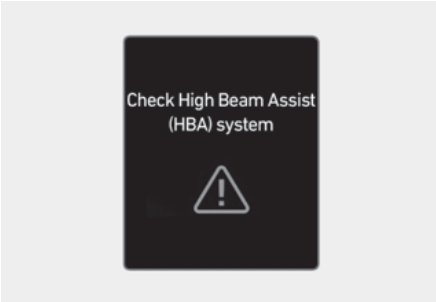
Tyre pressure



This mode displays information related to Tyre Pressure.

For more information, refer to the “Tyre Pressure Monitoring System (TPMS)” section in chapter 8.

Warning mode



This warning light informs the driver the following situations.

- Forward Collision-Avoidance Assist malfunction
- Forward Collision-Avoidance Assist radar blocked
- Blind-Spot Collision-Avoidance Assist malfunction
- Blind-Spot Collision-Avoidance Assist radar blocked
- LED headlamp malfunction
- High Beam Assist malfunction (if equipped)
- Smart Cruise Control malfunction
- Smart Cruise Control radar blocked
- Tyre Pressure Monitoring System (TPMS) malfunction

The Master Warning Light illuminates if one or more of the above warning situations occur.

At this time, a Master Warning icon (⚠) will appear beside the User Settings icon (⚙), on the instrument cluster display.

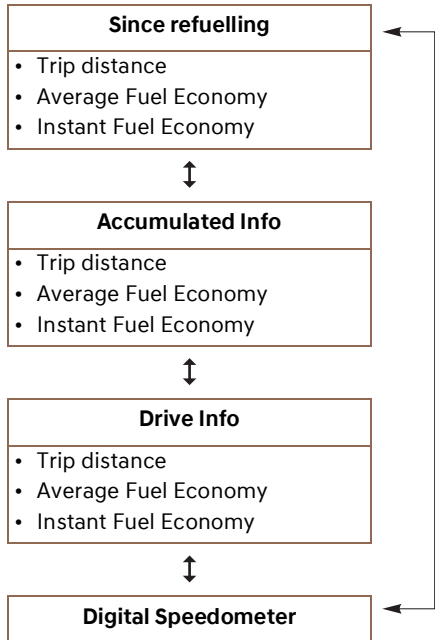
If the warning situation is solved, the master warning light will turn off and the Master Warning icon will disappear.

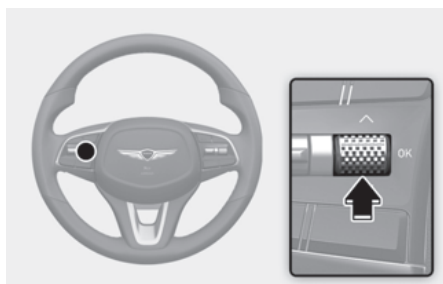
Trip computer

The trip computer is a microcomputer-controlled driver information system that displays information related to driving.

i Information

Some driving information stored in the trip computer (for example Average Vehicle Speed) resets if the battery is disconnected.

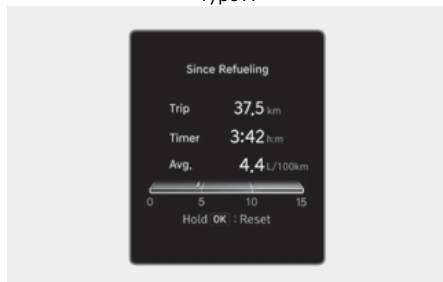




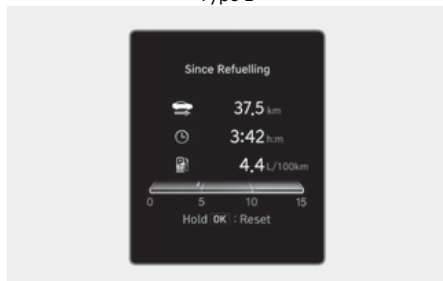
To change the trip mode, toggle the “,” switch on the steering wheel.

Since refuelling

Type A



Type B

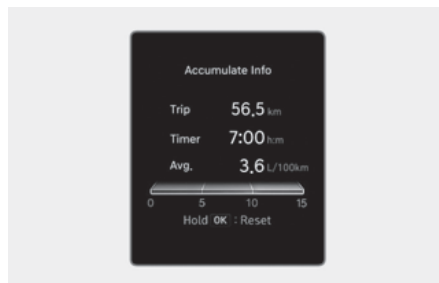


Trip distance, total driving time, average fuel economy, and instant fuel economy after the vehicle has been refuelled appear.

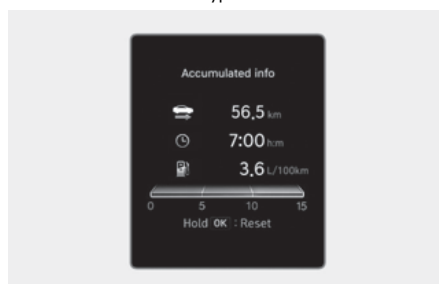
To reset manually, press the **OK** switch on the steering wheel for more than 1 second when “**Since Refuelling**” appears.

Accumulated info

Type A



Type B



Accumulated trip distance, total driving time, average fuel economy, and instant fuel economy appear.

The information is accumulated starting from the last reset.

To reset manually, press the **OK** switch on the steering wheel for more than 1 second when “**Accumulated Info**” appears.

Drive info

Type A



Type B

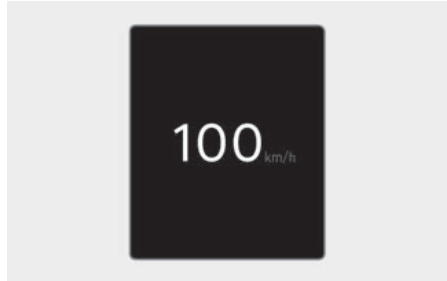


Trip distance, total driving time, average fuel economy, and instant fuel economy appear.

The information is combined for each ignition cycle. However, when the engine has been OFF for 3 minutes or longer the Drive Info screen will reset.

To reset manually, press the **OK** switch on the steering wheel for more than 1 second when "**Drive Info**" appears.

Digital speedometer



Digital speedometer display shows the speed of the vehicle.

3D instrument cluster (for 12.3-inch 3D instrument cluster)

3D instrument cluster setting

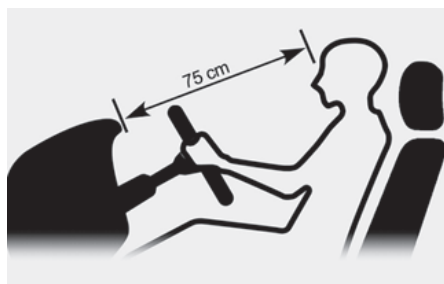
To use the 3D instrument cluster, press the Engine Start/Stop button to the ON position, and then select **Settings** → **Vehicle** → **Cluster** → **3D Cluster** → **Maximum/Normal/Off** in infotainment system.

To use the instrument cluster 2D, select **Off**.

i Information

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

Recommendations to optimise the 3D effect



- Adjust the height of the seat and steering wheel so that the instrument cluster and camera module can be seen at a glance.
- The optimal distance to maximise the 3D effect is 75 cm. Adjust the distance between the driver's seat and the instrument cluster.
- Hold the steering wheel with both hands and drive in an upright position.

i Information

- When your face gets too close or far from the instrument cluster, or the camera on the instrument cluster is blocked by the steering wheel or other objects, the 3D instrument cluster changes to 2D automatically. However if the object blocking the camera is removed, the instrument cluster changes back to 3D automatically.
- If outside temperature is below 4°C (39°F), it may temporarily change to 2D for between 1 to 10 minutes.
- Two red lights may appear on the camera in the following conditions when:
 - The light level outside is dim or driving at night
 - The vehicle drives inside a building, such as a basement car park
 - The camera case of the instrument cluster is partially damaged

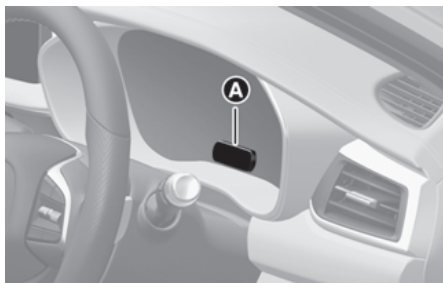
CAUTION

- It may sometimes be difficult to read information on the 3D instrument cluster in the following situations. You must change the instrument cluster to 2D for safe driving.
 - The driver is wearing sunglasses, special glasses, infrared cutoff glasses, refracting glasses or thick glasses
 - The driver has heavy eye makeup (eyeliner, mascara, colour makeup, false eyelash) or eye piercing
 - The driver's view is blocked by their hair, etc.
 - The driver is winking or wearing an eye patch on one eye
 - The driver's face is covered partially by a mask, muffler, hijab, etc.

- The driver's view is blocked by incoming light from outside of the vehicle
 - Light from outside, sunlight or infrared LED light of the camera is reflected on driver's glasses or sunglasses
 - The driver turns or lowers their head so that the face or an eye is hidden from the camera
 - The driver shakes their head up and down, or adverse road conditions cause excessive vehicle vibrations whilst driving
 - The driver is too tall or short
 - More than two people are looking at the instrument cluster simultaneously from the driver's seat
 - The driver's eyesight in both eyes are severely different
 - The driver has a severe headache
 - Do not look toward the camera within 20 cm for longer than a minute.
 - If you use the 3D instrument cluster whilst your vehicle is stopped, it can cause eye strains or dizziness.
 - We recommend people who are pregnant, elderly or have motion sickness, avoid using the instrument cluster in 3D.
-

WARNING

- You should not use the 3D instrument cluster if you or any of your family members or relatives has a history of epilepsy, convulsions, etc. Flashing or flickering lights or specific or regular patterns shown on the instrument cluster may stimulate epilepsy, convulsions, etc.
 - You should not use the 3D effect immediately if you feel any of the following symptoms:
Haziness, unconsciousness, disorientation, nausea, headache, fatigue, dizziness, etc.
-

NOTICE

[A] Interior view camera

- Do not apply any impact on the surface of the instrument cluster, interior view camera or the area surrounding the interior view camera. If interior view camera is damaged, the system may not operate properly.
- Do not place a mobile phone or an object in front of the interior view camera. The surface of the instrument cluster or interior view camera might be damaged due to an impact whilst driving.
- Do not place anything on interior view camera or in front of interior view camera whilst driving. Interior view camera may not operate properly.
- When cleaning the instrument cluster or interior view camera, wipe with a soft and clean cloth to prevent damages on the surface of the instrument cluster or interior view camera lens. In addition, you should not use sharp tools near the instrument cluster or interior view camera, or use chemicals to clean the instrument cluster or interior view camera.
- Always keep interior view camera clean and dry.

Vehicle settings (infotainment system)



Vehicle settings in the infotainment system provides user options for a variety of settings including door lock/unlock features, convenience features, driver assistance settings, etc.

Vehicle settings menu

- Driver assistance
- Drive mode
- Head-up display
- Cluster
- Climate
- Seat
- Light
- Door
- Convenience

The information provided may differ depending on which functions are applicable to your vehicle.

i Information

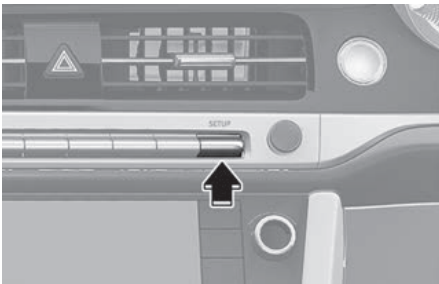
The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

WARNING

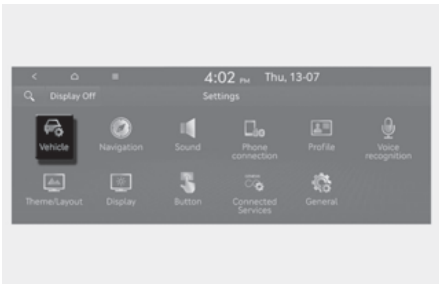
Do not operate the Vehicle Settings whilst driving. This may cause distraction resulting in an accident.

Setting your vehicle

1. Press the **SETUP** button on the main keyboard.



2. Select **Vehicle** and change the setting of the features.



i **Information**

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

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Accessing your vehicle

Smart key



Your Genesis vehicle uses a smart key, which you can use to lock or unlock the driver and passenger doors or the boot.

- (1) Door lock
- (2) Door unlock
- (3) Boot open or tailgate open/close
- (4) Remote start

Locking your vehicle

To lock your vehicle using the door handle touch sensor or the smart key:

1. Make sure all doors, the bonnet and the boot (or tailgate) are closed.
2. Make sure you have the smart key in your possession.
3. Touch the touch sensor on the door handle (the engraved part) or press the Door Lock button (1) on the smart key. The hazard warning lights will blink.



4. Make sure the doors are locked by pulling the door handle.

When the vehicle is locked by using the touch sensor, the unlock sensor of door outside handle does not operate for about 3 seconds.

i Information

- The outside rearview mirrors will fold if **On door unlock** is selected from the Settings menu in the infotainment system.
Select: **Settings > Vehicle > Light > Welcome mirror/light > On door unlock**
- The door handle touch sensor will only operate when the smart key is within 0.7-1 m from the outside door handle.
- Touching the door handle touch sensor does not unlock the doors. To unlock the doors, refer to the “Smart key”.

i Information

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

Note that you cannot lock your vehicle using the door handle touch sensor if any of the following occur:

- The smart key is in the vehicle.
- The Engine Start/Stop button is from ACC or ON position.
- Any of the doors are open except for the boot (or tailgate).

WARNING

Do not leave the smart key in your vehicle with unsupervised children. Unsupervised children could press the Engine Start/Stop button and may operate power windows, lock the doors or other controls, or even make the vehicle move, which could result in serious injury or death.

Unlocking your vehicle



To unlock your vehicle using the door handle touch sensor or the smart key:

1. Make sure you have the smart key in your possession.
2. Put your hand in the door handle or press the Door Unlock button (2) on the smart key. All doors will unlock and the hazard warning lights will blink two times.
3. After unlocking the doors, the doors will automatically relock after 30 seconds unless a door is opened.

When the vehicle is unlocked by using the touch sensor, the lock sensor of door outside handle does not operate for about 2 seconds.

i Information

- The outside rearview mirrors will unfold if **On door unlock** is selected from the Settings menu in the infotainment system.

Select: **Settings > Vehicle > Light > Welcome mirror/light > On door unlock**

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

- The door handle touch sensor will only operate when the smart key is within 0.7-1 m from the outside door handle.
- The doors may lock or unlock if the touch sensor of the outer door handle is recognised whilst washing your car or due to heavy rain.
- To prevent unintentional door lock or unlock:

Press the lock button on the smart key and immediately press the unlock button along with the lock button for more than 4 seconds. The hazard warning lights will blink four times. At this time, the doors will not lock or unlock even though the touch sensor is touched on the outside door handle.

To deactivate the function, press the door lock or unlock button on the smart key.

- The doors may not lock or unlock in the following situations:
 - If the touch sensor is touched with gloves on
 - If the door is approached suddenly.

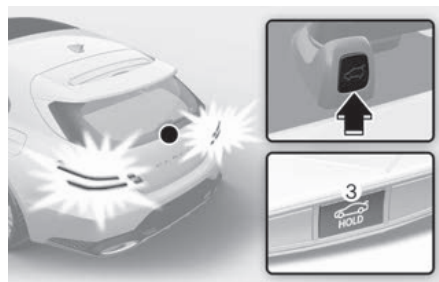
Opening the boot (or tailgate)

To open the boot:

Sedan



Shooting brake



To open the boot (or tailgate):

1. Make sure you have the smart key in your possession.
2. Press either the boot (or tailgate) open/close button on the vehicle or press and hold the boot open button or tailgate open/close button (3) on the smart key for more than 1.5 seconds. The hazard warning lights will blink two times and the boot (or tailgate) will open.

i Information

The boot open button or tailgate open/close button will only operate when the smart key is within 0.7 m from the boot (or tailgate).

Remotely starting vehicle

You can start the vehicle using the Remote Start button (4) on the smart key.

To start the vehicle remotely:

1. Press the door lock button on the smart key within 10 m from the vehicle.
2. Press the Remote Start button (4) for more than 2 seconds within 4 seconds after pressing the door lock button.
3. The hazard warning lights will blink and the engine will start.
4. To turn off the remote start function, press the Remote Start button (4) once.

***i* Information**

- The vehicle must be in P (Park) for the remote start function to start.
 - The engine turns off if you get in the vehicle without a registered smart key.
 - The engine turns off if you do not get in the vehicle within 10 minutes after remotely starting the vehicle.
 - The Remote Start button (4) may not operate if the smart key is not within 10 m.
 - The vehicle will not remotely start if the engine bonnet or boot is opened.
 - Do not idle the engine for a long period.
 - Do not operate remote start in closed areas where there is no adequate ventilation for the engine exhaust.
-

Starting the vehicle

You can start the vehicle without inserting the key.

For more details, refer to the “Engine Start/Stop button” section in chapter 6.

***i* Information**

If the smart key is not moved for some time, the detection function for smart key operation will pause. Lift the smart key to activate the detection again.

NOTICE

To prevent damaging the smart key:

- Keep the smart key in a cool, dry place to avoid damage or malfunction. Exposure to moisture or high temperature may cause the internal circuit of the smart key to malfunction which may not be covered under warranty.
 - Avoid dropping or throwing the smart key.
 - Protect the smart key from extreme temperatures.
-

Key cylinder (Driver door)

A key cylinder is located on the driver side door handle hidden behind a plastic cover. Using the mechanical key, push and hold the key cylinder cover release button located on the underside of the door handle.

Use the mechanical key inserted into the release button slot to open the cover outward. Once the cover is off, the mechanical key can be inserted into the key cylinder to lock or unlock the vehicle.

Loss of a smart key

A maximum of two smart keys can be registered to a single vehicle. If you happen to lose your smart key, it is recommended that you immediately take the vehicle and remaining keys to your authorised Genesis repairer or tow the vehicle, if necessary.

Smart key precautions

The smart key may not work if any of the following occur:

- The smart key is close to a radio transmitter such as a radio station or an airport which can interfere with normal operation of the transmitter.
- The smart key is near a mobile two way radio system or a mobile phone.
- Another vehicle's smart key is being operated close to your vehicle.
- The smart key is near any normal electronic devices or credit cards.
- If your windows are tinted, especially with metallic window tint, it may cause frequency interference, reducing the smart key operating range.

If the smart key does not work correctly, open and close the door with the mechanical key. If you have a problem with the smart key, it is recommended that you contact an authorised Genesis repairer.

If the smart key is in close proximity to your mobile phone, the signal could be blocked by your mobile phone's normal operational signals. This is specifically relevant when the phone is active such as making and receiving calls, text messaging, and/or sending/receiving emails. If possible, avoid keeping the smart key and your mobile phone in the same location such as a pants or jacket pocket to avoid interference between the two devices.

i Information

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. If the keyless entry system is inoperative due to changes or modifications not expressly approved by the party responsible for compliance, it will not be covered by your manufacturer's vehicle warranty.

NOTICE

- Keep the smart key away from electromagnetic materials that block electromagnetic waves to the key surface.
- Always have the smart key with you when leaving the vehicle. If the smart key is left near the vehicle, the vehicle battery may be discharged.

⚠ WARNING

People with medical devices such as implanted pacemakers or cardiac defibrillators should not carry the smart key near the heart. The smart key system may affect the operation of such implanted medical devices.

Failure to do so may result in interference with the medical device, which could result in serious injury.

Battery replacement

If the smart key is not working properly, try replacing the battery with a new one.

Battery Type: CR2450

To replace the battery:

1. Press the button (A) to remove the keyring fixed appliance.



2. Insert a flat-head screwdriver into the inner groove to remove the smart key cover.
3. Remove the old battery and insert the new battery. Make sure the battery position is correct.



4. Reinstall smart key cover in the reverse order of removal.

If you suspect your smart key might have sustained some damage, or you feel your smart key is not working correctly, it is recommended that you contact an authorised Genesis repairer.

WARNING

THIS PRODUCT CONTAINS A BUTTON BATTERY.

If swallowed, a lithium button battery can cause severe or fatal injuries within 2 hours. Keep batteries out of reach of children.

If you think batteries may have been swallowed or placed inside any part of the body, seek immediate medical attention.

Information



An inappropriately disposed battery can be harmful to the environment and human health. Dispose of the battery according to your local law(s) or regulations.

Mechanical key

If the smart key does not operate normally, you can lock or unlock the driver's door by using the mechanical key.

1. Press the Genesis text section of the Mechanical key to remove the case.



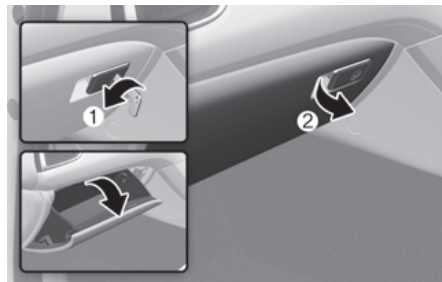
2. Remove the mechanical key from the case.



3. After use, reinstall the mechanical key in the reverse order of removal.

Restrictions in handling keys

When leaving keys with car park and valet attendants, the following procedures will ensure your vehicle's glove box compartment can only be opened with the mechanical key.



To lock:

1. Lock the glove box using the mechanical key.
2. Leave the smart key with the attendant and keep the mechanical key with you.

The smart key can only be used to start the engine and operate door locks.

To unlock:

Open the glove box with the mechanical key.

Immobiliser system

The immobiliser system protects your vehicle from theft. If an improperly coded key (or other device) is used, the engine's fuel system is disabled.

When the Engine Start/Stop button is pressed to the ON position, the immobiliser system indicator should come on briefly, then go off. If the indicator starts to blink, the system does not recognise the coding of the key.

Press the Engine Start/Stop button to the OFF position, then press the Engine Start/Stop button to the ON position again.

In some circumstances, the vehicle may not recognise your smart key if another smart key device is nearby or a metal object such as a key chain is causing interference with the smart key.

If this occurs, your vehicle may not start. Remove any metal objects or additional keys near the smart key before attempting to start the vehicle again.

If the system repeatedly does not recognise the coding of the key, it is recommended that you contact your authorised Genesis repairer.

Do not attempt to alter this system or add other devices to it. Electrical problems could result that may make your vehicle inoperable.

WARNING

In order to prevent theft of your vehicle, do not leave spare keys anywhere in your vehicle.

NOTICE

The transponder in your key is an important part of the immobiliser system. It is designed to give years of trouble-free service, however you should avoid exposure to moisture, static electricity and rough handling. Immobiliser system malfunction could occur.

Door locks

Operating door locks from outside the vehicle

Mechanical key



In order to operate door lock by using mechanical key, turn the key after removing the cover.

To remove the cover:

1. Pull out the door handle.
2. Press the lock located at the bottom of the cover with a key or flat-head screwdriver (1) .
3. Push out the cover (2) whilst pressing the lock.

After removing the cover, turn the key anti-clockwise to lock (A) or turn the key clockwise to unlock (B).

If you lock the driver's door with a mechanical key, the driver's door will lock. If you unlock the driver's door with a mechanical key, the driver's door will unlock.

Once the doors are unlocked, they may be opened by pulling the door handle. When closing the door, push the door by hand. Make sure that doors are closed securely.

NOTICE

Do not apply excessive force on the door and door handle. It may damage the door and door handle.

i Information

When the keyhole freezes and does not open, lightly tap or indirectly warm (for example, hand temperature) the keyhole.

Smart key

Lock



Touch the touch sensor on the front outside door handle (the engraved part) whilst carrying the Smart Key with you or press the Door Lock button on the Smart Key, all doors will lock.

Unlock



Put your hand in the front outside door handle whilst carrying the Smart Key with you or press the Door Unlock button on the Smart Key, all doors will unlock.

Once the doors are unlocked, they may be opened by pulling the door handle.

When closing the door, push the door by hand. Make sure that doors are closed securely.

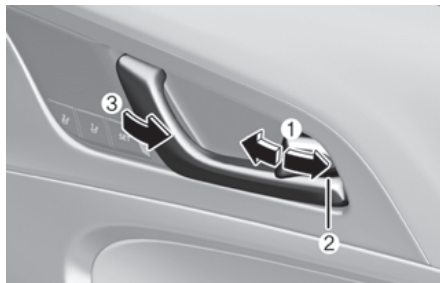
For more information, refer to the “Smart key” section in this chapter.

i Information

- In cold and wet climates, door lock and door mechanisms may not work properly due to freezing conditions.
- If the door is locked/unlocked multiple times in rapid succession with either the vehicle key or door lock switch, the system may stop operating temporarily in order to protect the circuit and prevent damage to system components.

Operating door locks from inside the vehicle

With the door lock button



- To unlock a door, push the door lock button (1) to the “Unlock” position. The red mark (2) on the door lock button will be visible.
- To lock a door, push the door lock button (1) to the “Lock” position. If the door is locked properly, the red mark (2) on the door lock button will not be visible.
- To open a door, pull the door handle (3) outward.
- If the inner door handle of the driver’s (or front passenger’s) door is pulled when the door lock button is in the lock position, the button is unlocked and the door opens.
- Doors cannot be locked if the smart key is in the vehicle and any door is open.

⚠ WARNING

- When exiting the vehicle, pay attention for vehicles, motorcycles, bicycles, and pedestrians approaching from behind whilst opening the door. It is dangerous to open the door suddenly.
- Make sure the doors are securely closed before driving the vehicle. It is very dangerous if the door is opened whilst driving.
- Do not leave children or animals in the vehicle, who cannot get out of the vehicle on their own. Not only can temperatures change rapidly depending on the outside temperature, but also there is a risk of suffocation in a closed car, which can lead to serious injury or death if left in the car for a long time.
- Even if the door is locked, the front door will open just by pulling the inside door handle. Do not open the vehicle door whilst driving as it is very dangerous. It may cause injury or death.

With the central door lock switch**Driver's door**

The driver and passenger side door armrest is equipped with a central door lock switch. The lock switch is indicated by a  symbol. The unlock switch is indicated by a  symbol.

When the lock switch (1) is pressed, all the vehicle doors will lock.

When the unlock switch (2) is pressed, all the vehicle doors will unlock.

If the smart key is in the vehicle and any door is open, the doors will not lock even though the lock switch (1) is pressed.

***i* Information**

When the vehicle's battery is flat and you leave the vehicle, make sure all the doors are locked. You can lock the driver's door with a mechanical key and the rest of the doors with the lock button above the door inside handle.

i Information

If a power door lock ever fails to function whilst you are in the vehicle try one or more of the following techniques to exit:

- Operate the door unlock feature repeatedly (both electronic and manual) whilst simultaneously pulling on the door handle.
 - Operate the other door locks and handles, front and rear.
 - Lower a front window and use the mechanical key to unlock the door from outside.
-

WARNING

- The doors should always be fully closed and locked whilst the vehicle is in motion. If the doors are unlocked, the risk of being thrown from the vehicle in a crash is increased.
 - Do not pull the inner door handle of the driver's or passenger's door whilst the vehicle is moving.
-

WARNING

Do not leave the elderly, children or animals unsupervised in your vehicle. An enclosed vehicle can become extremely hot, causing death or serious injury to the elderly, unsupervised children or animals who cannot escape from the vehicle. Children might operate features of the vehicle that could injure them, or they could encounter other harm, possibly from someone gaining entry to the vehicle.

WARNING

Always secure your vehicle.

Leaving your vehicle unlocked increases the potential risk to you or others from someone hiding in your vehicle.

To secure your vehicle, whilst pressing the brake pedal, shift the vehicle to P (Park), apply the parking brake, and press the Engine Start/Stop button to the OFF position, close all windows, lock all doors, and always take the Smart Key with you.

CAUTION

Opening a door when something is approaching may cause damage or injury. Be careful when opening doors and watch for vehicles, motorcycles, bicycles or pedestrians approaching the vehicle in the path of the door.

WARNING

If you stay in the vehicle for a long time whilst the weather is very hot or cold, there are risks of injuries or danger to life. Do not lock the vehicle from the outside when someone is in the vehicle.

Impact sensing door unlock system

All doors are automatically unlocked when an impact causes the airbags to deploy.

Speed sensing door lock system

All doors are automatically locked when the vehicle exceeds 15 km/h.

Automatic door lock and unlock features

 if equipped

Your vehicle is equipped with features that will automatically lock or unlock your vehicle based on settings you select in the infotainment system.

Auto lock enable on shift

When this feature is set in the infotainment system, all the doors will be locked automatically when the vehicle is shifted out of P (Park) whilst the engine is running.

Auto unlock on shift to P

When this feature is set in the infotainment system, all the doors will be unlocked automatically when the vehicle is shifted back to P (Park) whilst the engine is running.

Auto UNLOCK Vehicle off

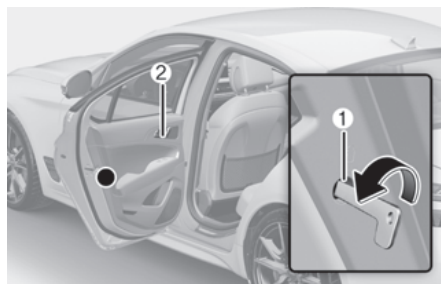
When this feature is set in the infotainment system, all the doors will be unlocked automatically when the vehicle is turned off.

Information

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

Child-protector rear door locks

 if equipped



The child safety lock is provided to help prevent children seated in the rear from accidentally opening the rear doors. The rear door safety locks should be used whenever children are in the vehicle.

The child safety lock is located on the edge of each rear door. When the child safety lock is in the lock position, the rear door will not open if the inner door handle (2) is pulled.

To lock the child safety lock, insert a small flat blade tool (like a screwdriver, the mechanical key, or similar) (1) into the slot and turn it to the lock position as shown.

To allow a rear door to be opened from inside the vehicle, unlock the child safety lock.

WARNING

If children accidentally open the rear doors whilst the vehicle is in motion, they could fall out of the vehicle. The rear door safety locks should always be used whenever children are in the vehicle.

Theft-alarm system

This system helps to protect your vehicle and valuables. The horn will sound and the hazard warning lights will blink continuously if any of the following occur:

- A door is opened without using the smart key.
- The boot (or tailgate) is opened without using the smart key.
- The bonnet is opened.

The alarm continues for 30 seconds, then the system resets. To turn off the alarm, unlock the doors with the smart key.

The theft alarm system automatically sets 30 seconds after you lock the doors and the boot (or tailgate). For the system to activate, you must lock the doors and the boot (or tailgate) from outside the vehicle by doing one of the following:

- Using the smart key.
- Pressing the button on the outside door handle with the smart key in your possession.

The hazard warning lights will blink and the chime will sound once to indicate the system is armed.

Once the security system is set, opening any door, the boot (or tailgate), or the bonnet without using the smart key will cause the alarm to activate.

The Theft Alarm System will not set if the bonnet, the boot (or tailgate), or any door are not fully closed. If the system will not set, check the bonnet, the boot (or tailgate), or the doors are fully closed.

Do not attempt to alter this system or add other devices to it.

i Information

- Do not lock the doors until all passengers have left the vehicle. If the remaining passenger leaves the vehicle when the system is armed, the alarm will be activated.
- If the vehicle is not disarmed with the smart key, open the doors by using the mechanical key and start the engine by directly pressing the Engine Start/Stop button with the smart key.
- If the system is disarmed by unlocking the vehicle, but if no door or the boot (tailgate) is opened within 30 seconds, the doors will re-lock and the system will rearm automatically.
- It is not recommended that you install any secondary aftermarket theft-alarm systems into the vehicle factory electrical system.

i Information



Vehicles equipped with a theft alarm system will have a label attached to the vehicle with the following words:

- (1) WARNING
- (2) SECURITY SYSTEM

Rear Occupant Alert (ROA)

Rear Occupant Alert is provided to help prevent the driver from leaving the vehicle with the rear passenger left in the vehicle.

System setting

To use Rear Occupant Alert, it must be enabled from the Settings menu in the infotainment system.

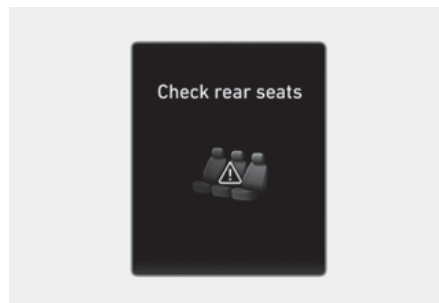
Select: **Settings >Vehicle > Convenience > Rear Occupant Alert**

i Information

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

System operation

Alert



When you turn off the engine and open the driver's door after opening and closing the rear door, the "**Check rear seats**" warning message appears on the instrument cluster.

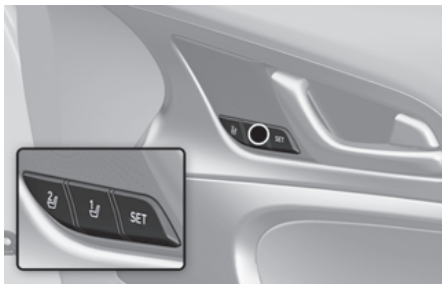
WARNING

Rear Occupant Alert provides information to the driver to check the rear seats but it does not detect whether there is an object or passenger in the back seats. Always make sure to check the rear seats before you leave the vehicle.

CAUTION

The door open and close history is initialised when the driver turns off the engine and locks the vehicle door. Even though the rear door is not opened again, an alert may occur if the previous history is not initialised. For example, if the driver does not lock the vehicle door and opens the door to get out after the alert sounds, the alert may go off.

Integrated memory system



Integrated Memory System for the driver's seat is provided to store and recall the following memory settings with a simple button operation.

- Driver's seat position
- Steering wheel position (power adjustment)
- Outside rearview mirrors position
- Head-Up Display (HUD) position (if equipped)

WARNING

Never attempt to operate the integrated memory system whilst the vehicle is moving.

This could result in loss of control, and an accident causing death, serious injury, or property damage.

Information

- If the battery is disconnected, the memory settings will be erased.
 - If integrated memory system does not operate normally, we recommend that you have the system inspected by an authorised Genesis repairer.
-

Storing memory positions

1. Shift to P (Park) whilst the Engine Start/Stop button is in the ON position.
2. Adjust the driver's seat position, outside rearview mirrors position, steering wheel position, and head-up display height/brightness to the desired position.
3. Press the **SET** button. The system will beep once and notify you "**Press button to save settings**" on the instrument cluster display.
4. Press one of the memory buttons (1 or 2) within 4 seconds. The system will beep twice when the memory has been successfully stored.
5. "**Settings 1(or 2) saved**" will appear on the instrument cluster display. The message appears only for the driver's seat position memory setting.

Recalling memory positions

1. Shift to P (Park) whilst the Engine Start/Stop button is in the ON position.
2. Press the desired memory button (1 or 2). The system will beep once, and then the driver's seat position, outside rearview mirrors position, steering wheel position, and head-up display height/brightness will automatically adjust to the stored positions.
3. "**Settings 1 (or 2) applied**" will appear on the instrument cluster display.

i Information

- If you press the **SET** button or the corresponding button of the setting is being recalled, the setting will temporarily deactivate. If you press the other buttons, the setting of the pressed button will activate.
For example, if you press the **SET** button or number 1 button with the number 1 setting in operation, the setting will temporarily deactivate. If you press the number 2 button, the number 2 setting will activate.
- If you adjust the seat, outside rearview mirrors, steering wheel, instrument panel illumination or head-up display whilst recalling the stored positions, the pre-set settings will become ineffective.

Resetting the system

Take the following procedures to reset integrated memory system, when it does not operate properly.

Resetting integrated memory system

1. Stop the vehicle and open the driver's door with the engine on and the vehicle shifted to P (Park).
2. Adjust the driver's seat and seatback to the foremost position.
3. Press the **SET** button and push forward the driver's seat switch simultaneously (about two seconds).
4. Release the **SET** button and the driver's seat switch when a beep sounds.

Whilst resetting integrated memory system

1. Resetting starts with a notification sound.
2. The driver's seat and seatback is adjusted to the rearward position with the notification sound.
3. The driver's seat and seatback is re-adjusted to the default position (central position) with the notification sound.

However, in the following cases, the resetting procedure and the notification sound may stop.

- The memory button is pressed.
- The seat control switch is operated.
- The gear is shifted out of P (Park).
- The driving speed exceeds 3 km/h
- The driver's door is closed.

NOTICE

- Whilst integrated memory system is being reset, if the resetting and notification sound stops before completion, restart the resetting procedure again.
- Make sure that there are no objects around the driver's seat in advance of resetting the integrated memory system.

Seat easy access

Seat easy access will move the driver's seat and steering wheel automatically as follows:

- Exiting the vehicle:
The driver's seat, steering wheel and seat bolster will move as follows when the Engine Start/Stop button is in the OFF position with the vehicle in P (Park) and the driver's door open.
 - Driver seat: Moves rearward depending on the distance selected from the Settings menu in the infotainment system.
 - Steering wheel: Moves upward
 - Seat bolster (if equipped): Adjusted to the default position.

However, the driver's seat may not move rearward if there is not enough space between the driver's seat and the rear seats.

Also, on a regular basis, the steering wheel will also move forward to adjust its location by itself.

- Entering the vehicle:

The driver's seat, steering wheel and seat bolster will move as follows when the Engine Start/Stop button is pressed to the ACC, ON or START position or whilst carrying the smart key, the driver's door is closed with the Engine Start/Stop button in the OFF position.

- Driver seat: Moves back to its original position.
- Steering wheel: Moves back to its original position.
- Seat bolster (if equipped): Adjusted to the last position set by you.
- You can set the Seat Easy Access function from the Settings menu in the infotainment system. Select:

- Driver seat

Settings > Vehicle > Seat > Seating Easy Access > Driver Seat Easy Access > Extended/Normal/Off

- Steering wheel

Settings > Vehicle > Seat > Seating Easy Access > Easy steering access

i Information

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

Steering wheel

Motor Driven Power Steering (MDPS)

The system assists you with steering the vehicle. If the vehicle is turned off or if the power steering system becomes inoperative, you may still steer the vehicle, but it will require increased steering effort.

Should you notice any change in the effort required to steer during normal vehicle operation, we recommend that you have the system checked by an authorised Genesis repairer.

CAUTION

If the Motor Driven Power Steering does not operate normally, the  warning light and the message “**Check motor driven power steering**” will illuminate on the instrument cluster. You may steer the vehicle, but it will require increased steering efforts. We recommend that you take the vehicle to an authorised Genesis repairer and have the system checked as soon as possible.

i Information

The following symptoms may occur during normal vehicle operation:

- The steering effort may be high immediately after pressing the Engine Start/Stop button to the ON position. This happens as the system performs the MDPS system diagnostics. When the diagnostics are completed, the steering wheel effort returns to its normal condition.
- When the 12 V battery voltage is low, you may have to use more effort to steer. This is a temporary condition and returns to normal after charging the battery.
- A noise may be heard from the MDPS relay after the Engine Start/Stop button is in the ON or OFF position.
- Motor noise may be heard when the vehicle is at a stop or at a low speeds.
- When you operate the steering wheel in low temperatures, abnormal noise may occur. If the temperature rises, the noise disappears. This is a normal condition.
- When an error is detected from MDPS, the steering effort assist function is not activated. Instrument cluster warning lights may illuminate or the steering effort may be high. If these symptoms occur, drive the vehicle to a safe location as soon as possible. We recommend that you have the system checked by an authorised Genesis repairer as soon as possible.

Tilt/Telescopic steering

When adjusting the steering wheel to a comfortable position, adjust the steering wheel so that it points toward your chest, not toward your face. Make sure you can see the instrument cluster warning lights and gauges. After adjusting, push the steering wheel both up and down to be certain it is locked in position.

Always adjust the position of the steering wheel before driving.

WARNING

NEVER adjust the steering wheel whilst driving. This may cause loss of vehicle control resulting in an accident.

NOTICE

Whilst adjusting the steering wheel height, please do not push or pull too hard as the fixture can be damaged.

Manual adjustment

 if equipped



To adjust the steering wheel angle and height:

1. Pull down the lock-release lever (1).
2. Adjust the steering wheel to the desired angle (2) and distance forward/back (3).
3. Pull up the lock-release lever to lock the steering wheel in place.

i Information

Sometimes the lock release lever may not engage completely. This may occur when the gears of the locking mechanism do not completely mesh. If this occurs, pull down on the lock-release lever, readjust the steering wheel again, and then pull back up on the release lever to lock the steering wheel in place.

Power adjustment

 if equipped



To change the steering wheel angle and height:

- Push the switch (1) up and down to adjust the angle (2).
- Push the switch forward or rearward to adjust the height (3).

NOTICE

Do not adjust the steering wheel longer than necessary when the engine is turned off. This may result in unnecessary battery drain.

Resetting steering wheel power adjustment

If adjustment is no longer possible within the operable range whilst adjusting the steering wheel position (angle or height), reset as follows.

1. From the position the steering wheel has stopped, push the control switch (1) for 10 seconds in the direction you were adjusting the steering wheel. The steering wheel will move in the direction the control switch is pushed.
2. Continue pushing the switch (1) for at least 2 seconds after the steering wheel has stopped. Resetting will be complete after the operational range is recognised.

If the adjustment is still not possible after resetting the steering wheel power adjustment, we recommend that the system be inspected by authorised Genesis repairer.

Horn



To sound the horn, press the area indicated by the horn symbol on your steering wheel (see image). The horn will operate only when this area is pressed.

NOTICE

Do not strike the horn severely to operate it, or hit it with your fist. Do not press on the horn with a sharp-pointed object.

Heated steering wheel

 If equipped



Whilst the engine is running, touch the heated steering wheel icon to warm the steering wheel.

- Manual temperature control

Each time you touch the icon, the temperature setting of the steering wheel changes as follows:

- OFF > LOW > HIGH > OFF

- Automatic temperature control

The heated steering wheel starts to automatically control the steering wheel temperature after being manually turned ON.

- When HIGH is manually selected:

The heated steering wheel automatically changes to the LOW position after 30 minutes. You can turn off the heated steering wheel by touching the icon to the OFF position.

- When LOW is manually selected:

The heated steering wheel is not controlled automatically.

- **Warmer/ventilation based on climate settings** (for driver's seat)

The climate settings automatically control the steering wheel temperature depending on the ambient temperature when the engine is running.

If you touch the heated steering wheel icon, the heated steering wheel will have to be controlled manually.

To use this function, it must be enabled from the Settings menu in the infotainment system.

Select: **Settings > Vehicle > Seat (or Climate) > Warmer/Ventilation Features > Warmer/ventilation based on climate settings > Steering Wheel Warmer**

Information

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

- The heated steering wheel defaults to the OFF position whenever the Engine Start/Stop button is pressed to the ON position. However, if the **Warmer/ventilation based on climate settings** function is ON, the heated steering wheel will turn on and off depending on the outside temperature.

NOTICE

Do not install any cover or accessory on the steering wheel. The cover or accessory could cause damage to the heated steering wheel system.

Mirrors

Inside rearview mirror

Before driving your vehicle, check to see that your inside rearview mirror is properly positioned. Adjust the rearview mirror so that the view through the rear window is properly centred.

WARNING

Make sure your line of sight is not obstructed. Do not place objects in the rear seat, luggage compartment, or behind the rear headrests which could interfere with your vision through the rear window.

WARNING

To prevent serious injury during an accident or deployment of the airbag, do not modify the rearview mirror and do not install a wide mirror.

WARNING

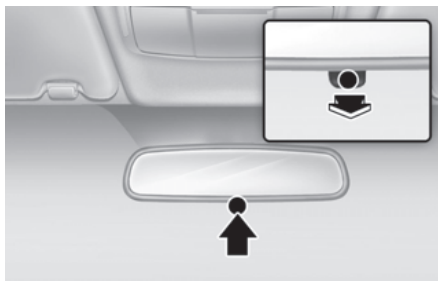
NEVER adjust the mirror whilst driving. This may cause loss of vehicle control resulting in an accident.

NOTICE

When cleaning the mirror, use a paper towel or similar material dampened with glass cleaner. Do not spray glass cleaner directly on the mirror as this may cause the liquid cleaner to enter the mirror housing.

Day/night rearview mirror

 if equipped



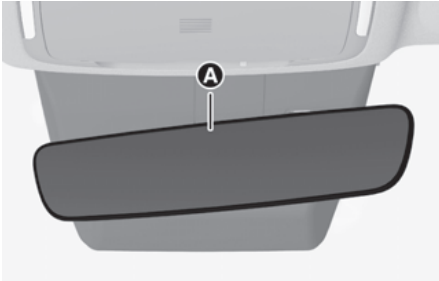
Make this adjustment before you start driving and whilst the day/night lever is in the day position.

Pull the day/night lever towards you to reduce glare from the headlamps of the vehicles behind you during night driving.

Remember that you lose some rearview clarity in the night position.

Electric Chromic Mirror (ECM)

 if equipped



[A] Sensor

Some vehicles come equipped with an Electric Chromic Mirror that helps control glare whilst driving at night or under low light driving conditions.

When the engine is running, the glare is automatically controlled by the sensor mounted in the rearview mirror. The sensor detects the light level around the vehicle, and automatically adjusts to control the headlamp glare from vehicles behind you.

Whenever the gear is shifted to R (Reverse), the mirror will automatically go to the brightest setting in order to improve the driver's view behind the vehicle.

Outside rearview mirrors



Your vehicle is equipped with both left-hand and right-hand outside rearview mirrors. The mirrors can be adjusted remotely with the remote switch. The outside rearview mirrors can be folded to help prevent damage when going through an automatic car wash or when passing through a narrow street.

The left and right outside rearview mirrors are convex. Objects seen in the mirror are closer than they appear.

Use the inside rearview mirror or look back directly to determine the actual distance of other vehicles prior to changing lanes.

Make sure to adjust the outside rearview mirrors to your desired position before you begin driving.

WARNING

Do not adjust or fold the outside rearview mirrors whilst driving. This may cause loss of vehicle control resulting in an accident.

NOTICE

- Do not scrape ice off the mirror face; this may damage the surface of the glass.
- If the mirror is jammed with ice, do not adjust the mirror by force. Use an approved de-icer (not radiator antifreeze) spray, or a sponge or soft cloth with very warm water, or move the vehicle to a warm place and allow the ice to melt.
- Do not clean the mirror with harsh abrasives, fuel or other petroleum based cleaning products.

Adjusting the outside rearview mirrors

Adjusting the outside rearview mirrors:

1. Move the lever (1) either to the L (left side) or R (right side) to select the outside rearview mirror you would like to adjust.
2. Use the mirror adjustment control switch (2) to position the selected mirror up, down, left or right.
3. After adjustment, move the lever (1) to the middle to prevent inadvertent adjustment.

NOTICE

- The mirrors stop moving when they reach the maximum adjusting angles, but the motor continues to operate whilst the switch is pressed. Do not press the switch longer than necessary, because this can damage the motor.
- Do not attempt to adjust the outside rearview mirrors by hand, because this can damage the motor.

Folding the outside rearview mirrors

 if equipped

Folding button

The outside rearview mirrors can be folded or unfolded by pressing the button.

Infotainment system setting

- Enable on door unlock
If **Settings > Vehicle > Light > Welcome mirror/light > On door unlock** is selected from the Settings menu in the infotainment system:
 - The mirrors fold or unfold when the door is locked or unlocked using the smart key.
 - The mirrors fold or unfold when the door is locked or unlocked by the touch sensor on the outside door handle.

- Enable on driver approach

If **Settings > Vehicle > Light > Welcome mirror/light > On driver approach** is selected from the Settings menu in the infotainment system, the mirrors unfold when the vehicle is approached with the smart key in possession.

i Information

- The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.
- For your safety, the outside rearview mirrors cannot be folded automatically when driving at a speed of 15 km/h or faster.

NOTICE

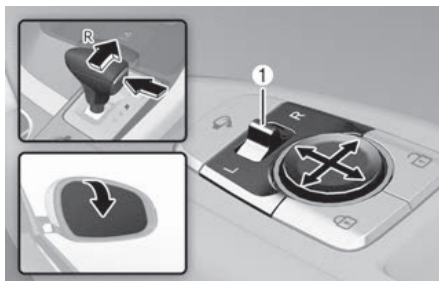
The electric type outside rearview mirror operates even though the Engine Start/Stop button is in the OFF position. However, to prevent unnecessary battery discharge, do not adjust the mirrors longer than necessary whilst the engine is not running.

NOTICE

Do not fold the electric type outside rearview mirrors by hand. It could cause motor failure.

Reverse parking aid

 If equipped



When the gear is shifted to the R (Reverse) position, the outside rearview mirror(s) will rotate downwards to aid with driving in reverse.

The state of the outside rearview mirror switch (1) determines whether or not the mirrors will move:

How it works

- Left/Right: When either the L (Left) or R (Right) side is selected, both outside rearview mirrors will move.
- Neutral: When neither side is selected, the outside rearview mirrors will not move.

The outside rearview mirrors will automatically revert to their original positions if any of the following occur:

- The Engine Start/Stop button is pressed to either the OFF position or the ACC position.
- The gear is shifted to any position except R (Reverse).
- The outside rearview mirrors adjustment switch is not selected.

Reverse parking aid user settings mode

You may change the angle of the outside rearview mirrors if it is difficult to see the rear view with the basic downward mirror angle provided when reversing.

When the vehicle is first delivered, the set downward angle of the left and right outside rearview mirrors are different to ensure driver visibility.

1. Make sure the vehicle is stopped.
2. Press the brake pedal and shift the gear to R (Reverse). When L (Left) or R (Right) side is selected, both outside rearview mirror angles will move downward to the basic set position.
3. Move the lever either to L or R to select the outside rearview mirror you would like to adjust. Then press “▼, ▲, ◀, ▶” switch to adjust the outside rearview mirror to the desired angle.
4. After adjusting the angle to save the adjusted outside rearview mirror angle, shift the gear to another position other than R (Reverse), or change the L and R lever to the neutral position (locate the lever in the middle of L and R).
5. Set the other outside rearview mirror following the above procedure 1 to 4.

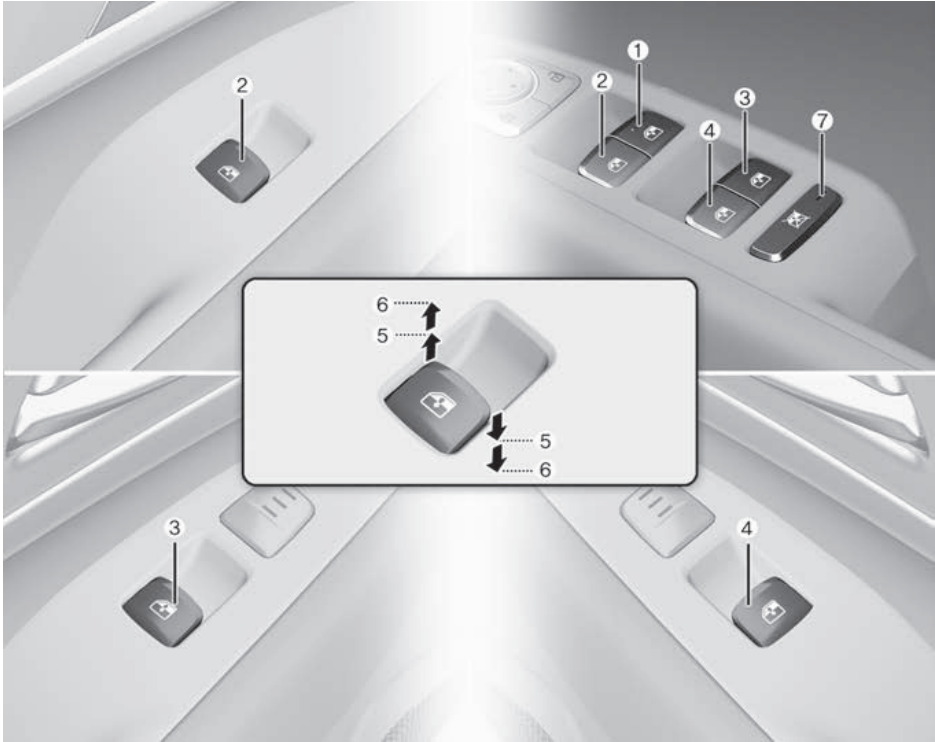
Resetting reverse parking aid user settings mode

To change an outside rearview mirror angle back to the basic angle, shift the gear to R (Reverse), and adjust the mirror angle higher than when the gear is in P (Park), N (Neutral) and D (Drive).

***i* Information**

When changing the angle of both outside rearview mirrors, it is recommended to change the angle one side at a time following the procedure 1 to 4.

Windows

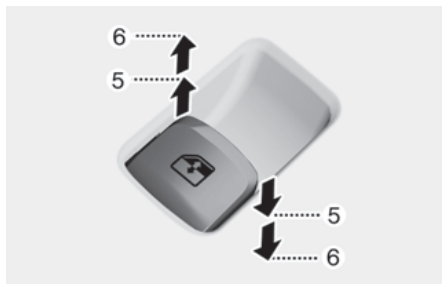


- (1) Driver's door power window switch
- (2) Front passenger's door power window switch
- (3) Rear door (right) power window switch
- (4) Rear door (left) power window switch
- (5) Window opening and closing
- (6) Automatic power window
- (7) Power window lock switch

Power windows

The Engine Start/Stop button must be in the ON position to be able to raise or lower the windows. Each door has a Power Window switch to control that door's window. The driver has a Power Window Lock button which can block the operation of passenger windows. The power windows will operate for about 3 minutes after the Engine Start/Stop button is in the ACC or OFF position. However, if the front doors are opened, the Power Windows will not operate even within the 3 minute period.

Window opening and closing



To open:

Press the window switch down to the first detent position (5). Release the switch when you want the window to stop.

To close:

Pull the window switch up to the first detent position (5). Release the window switch when you want the window to stop.

Auto up/down window

Pressing or pulling up the power window switch momentarily to the second detent position (6) completely lowers or lifts the window even when the switch is released. To stop the window at the desired position whilst the window is in operation, pull up or press down and release the switch.

Resetting the power windows

If the power windows do not operate normally, the automatic power window system must be reset as follows:

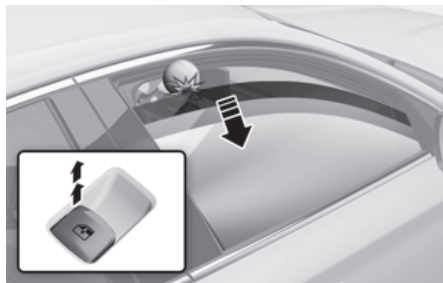
1. Press the Engine Start/Stop button to the ON position.
2. Close the window and continue pulling up on the power window switch for at least one second.

If the power windows do not operate properly after resetting, we recommend that the system be inspected by an authorised Genesis repairer.

WARNING

The automatic reverse feature doesn't activate whilst resetting the power window system. Make sure body parts or other objects are safely out of the way before closing the windows to avoid injuries or vehicle damage.

Automatic reverse



If a window senses any obstacle whilst it is closing automatically, it will stop and lower about 30 cm to allow the object to be cleared.

If the window detects the resistance whilst the power window switch is pulled up continuously, the window will stop upward movement then lower about 2.5 cm.

If the power window switch is pulled up continuously again within 5 seconds after the window is lowered by the automatic window reverse feature, the automatic window reverse will not operate.

i Information

The automatic reverse feature is only active when the “Auto Up” feature is used by fully pulling up the switch to the second detent.

WARNING

Make sure body parts or other objects are safely out of the way before closing the windows to avoid injuries or vehicle damage.

Objects less than 4 mm in diameter caught between the window glass and the upper window channel may not be detected by the automatic reverse window and the window will not stop and reverse direction.

Power window lock button



The driver can disable the power window switches on the rear passenger doors by pressing the power window lock button.

When the power window lock button is pressed:

- The rear passenger control will not be able to operate the rear passenger power window.
- Note that the front passenger control is still able to operate the front passenger window, and that the driver master control can still operate all the power windows.

WARNING

Do not allow children to play with the power windows. Keep the driver's door power window lock button in the LOCK position. Serious injury or death can result from unintentional window operation by a child.

NOTICE

- To prevent possible damage to the power window system, do not open or close two windows or more at the same time. This will also ensure the longevity of the fuse.
- Never try to operate the main switch on the driver's door and the individual door window switch in opposite directions at the same time. If this is done, the window will stop and cannot be opened or closed.

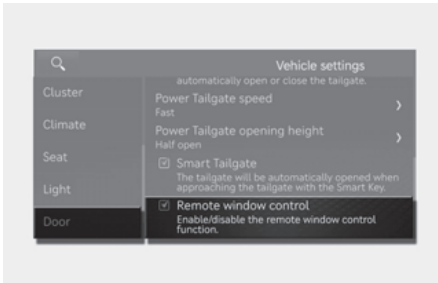
WARNING

- NEVER leave the keys in your vehicle with unsupervised children, when the engine is running.
- NEVER leave any child unsupervised in the vehicle. Even very young children may inadvertently cause the vehicle to move, entangle themselves in the windows, or otherwise injure themselves or others.
- Always double check to make sure all arms, hands, head and other obstructions are safely out of the way before closing a window.
- Do not allow children to play with the power windows. Keep the driver's door power window lock switch in the LOCK position (pressed). Serious injury can result from unintentional window operation by the child.
- Do not extend your head, arms or body outside the windows whilst driving.

Remote window opening/closing function

 If equipped

System settings



Select **Settings > Vehicle > Door > Remote window control** from the Settings menu to control the window movement using the smart key.

Window opening and closing

You can still control the window movement with the vehicle turned off by pressing the Door Lock button (1) or the Door Unlock button (2).



- Press the Door Lock button (1) for more than 3 seconds. The windows move up, as long as you press the door lock button. The window movement stops, when you release the door lock button.

- Press the Door Unlock button (2) for more than 3 seconds. The windows move down after the doors are unlocked, as long as you press the door unlock button. The window movement stops, when you release the door unlock button.

Information

- The remote window opening/closing function may abruptly stop when you move away from your vehicle during operation. Stay in close proximity from your vehicle, whilst monitoring the window movement.
- One of the windows may stop operating when a window is interrupted by certain force. However, the other windows will keep operating. Make sure that all windows are closed.
- Be aware that the doors unlock when the windows are opened using the remote window open/closing function.

WARNING

Always double check to make sure arms, hands, head and other obstructions are safely out of the way before using remote window closing function.

Wide sunroof

 if equipped

If your vehicle is equipped with a sunroof, you can slide or tilt your sunroof with the sunroof switch located on the overhead console.



The sunroof can only be operated when the Engine Start/Stop button is in the ON or START position.

The sunroof can be operated for about 3 minutes after the Engine Start/Stop button is in the ACC or OFF position. If the front door is open, the sunroof cannot be operated even within the 3 minutes period.

WARNING

To prevent serious injury or death:

- Adjust the sunroof or sunshade when your vehicle stops.
- Do not leave the engine running and the key in your vehicle with unsupervised children. Unsupervised children could operate the sunroof.
- Do not sit on the top of the vehicle.

NOTICE

Do not operate the sunroof when roof bars are installed on the vehicle or when there is luggage on the roof.

Power sunshade



Use the power sunshade to block direct sunlight coming through the sunroof glass.

- Push the sunroof switch rearward to the first detent position, the power sunshade automatically slides open.
- Push the sunroof switch forward to the first detent position, the power sunshade automatically closes. If the sunroof glass is open, the glass closes and then the sunshade closes.

To stop the power sunshade at any point, push the sunroof switch in any direction.

NOTICE

Do not pull or push the power sunshade by hand to prevent damage.

Information

Wrinkles formed on the power sunshade are normal due to material characteristic.

Tilt open/close



- Push the sunroof switch up and sunroof glass tilts open. If the power sunshade is closed, the sunshade opens first and then the sunroof tilts.
- Push the sunroof switch up or forward when the sunroof glass is tilt opened. The sunroof glass automatically closes.

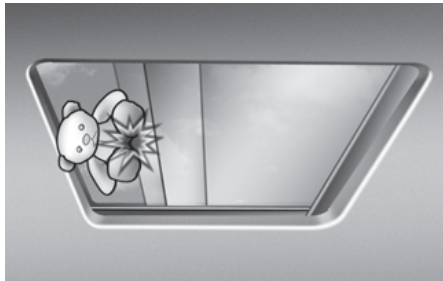
To stop the sunroof movement at any point, push the sunroof switch in any direction.

Slide open/close



- Push the sunroof switch rearward to the first detent position. The sunroof glass opens. If the power sunshade is closed, the power sunshade opens first and then the sunroof glass opens.
- Push the sunroof switch forward to the first detent position. The sunroof glass closes. If the sunroof glass is closed, the power sunshade closes.
- Push the sunroof switch forward or rearward to the second detent position. The power sunshade and sunroof glass operate automatically (auto slide feature). To stop the sunroof movement at any point, push the sunroof switch in any direction.

Automatic reversal



If the power sunshade or sunroof glass senses any obstruction whilst closing, it reverses direction then stops.

The automatic reverse function may not work if a thin or soft object is caught between the power sunshade or sliding sunroof glass and sunroof sash.

WARNING

- Make sure that heads, hands, arms or any other body parts or objects are out of the way before operating the sunroof. Body parts or objects may get caught causing injuries or vehicle damage.
- Never deliberately use your body parts to test the automatic reverse feature.

NOTICE

- Do not continue to push the sunroof switch after the sunroof is fully opened, closed, or tilted. Damage to the sunroof motor may occur or may cause the sunroof system to malfunction.
- Using the sunroof for a long time may make noise caused by dust accumulated between the sunroof and vehicle body. Open the sunroof and remove dust regularly using a clean cloth.
- Do not try to open the sunroof when the temperature is below freezing or when the sunroof is covered with snow or ice. Otherwise, the motor may be damaged. In a cold and wet weather, the sunroof may not work properly.
- Do not open or drive with the sunroof glass open immediately after rain or washing the vehicle. Water may wet the interior of the vehicle.
- Do not extend any cargo outside the sunroof whilst driving.

WARNING

Do not extend your head, arms, body parts, or objects outside the sunroof whilst driving. Injuries may occur if the vehicle suddenly stops.

Resetting the sunroof



In some circumstances resetting the sunroof operation may need to be performed. Some instances where resetting the sunroof may be required include:

- When the 12 V battery is either disconnected or discharged
- When the sunroof fuse is replaced
- If the sunroof one-touch AUTO OPEN/CLOSE operation is not functioning properly

To reset the sunroof:

1. Start the vehicle in P (Park).
2. Make sure the power sunshade and sunroof glass are in the fully closed position.
3. Release the switch when the power sunshade and sunroof glass is fully closed.
4. Push the switch forward until the power sunshade and sunroof glass moves slightly. Then release the switch.
5. Push and hold the sunroof switch forward again until the power sunshade and sunroof glass slide open and close.

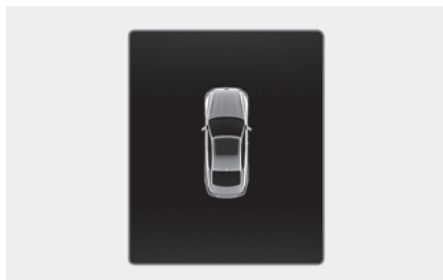
Do not release the switch until the operation is completed. If you release the switch, start again from step 2.

i Information

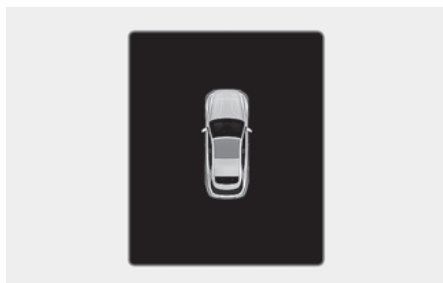
If the sunroof is not reset after the vehicle battery is disconnected or discharged, or the sunroof fuse is blown, the sunroof may not operate normally.

Sunroof open warning

Sedan



Shooting Brake



If the driver turns off the engine when the sunroof is not fully closed, the warning chime will sound for several seconds and the sunroof open warning will appear on the instrument cluster display.

Close the sunroof securely when leaving your vehicle.

NOTICE

Do not leave sunroof open when leaving the vehicle to prevent theft or damage from water entering the vehicle.

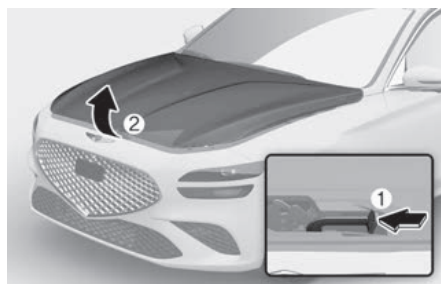
Bonnet

Opening the bonnet

1. Park the vehicle and set the parking brake.
2. Pull the release lever to unlatch the bonnet. The bonnet should pop open slightly.



3. Go to the front of the vehicle, raise the bonnet slightly, push up the secondary latch (1) inside the bonnet centre and lift the bonnet (2).



After the bonnet has been lifted halfway, it will raise completely by itself.

Closing the bonnet

1. Before closing the bonnet, check in and around the engine compartment to ensure the following:
 - Any tools or other loose objects are removed from the engine compartment area or bonnet opening area
 - All gloves, rags, or other combustible material is removed from the engine compartment
 - All filler caps are tightly and correctly installed
2. Lower the bonnet halfway (lifted about 30 cm from the closed position) and push down to securely lock in place. Then double check to be sure the bonnet is secure. If the bonnet can be raised slightly, it is not securely locked. Open it again and close it with more force.

WARNING

- Before closing the bonnet, ensure all obstructions are removed from around the bonnet opening.
- Always double check to be sure that the bonnet is firmly latched before driving away. Check there is no bonnet open warning light or message displayed on the instrument cluster. Driving with the bonnet opened may cause a total loss of visibility, which might result in an accident.
- Do not move the vehicle with the bonnet in the raised position, as vision is obstructed, which might result in an accident, and the bonnet could fall or be damaged.

Non-powered boot

 If equipped

Opening the boot

1. Make sure the vehicle is shifted to P (Park) and engage the parking brake.
2. Then do one of the following:
 - Press the smart key boot open button for more than one second.
 - Press the button (1) on the boot itself with the smart key in your possession.

Outside



- Use the boot release button.

Inside



3. Lift the boot lid up.

Closing the boot

Lower the boot lid and press down until it locks. To be sure the boot lid is securely fastened, always check by trying to pull it up again.

WARNING

Always keep the boot lid completely closed whilst the vehicle is in motion. If it is left open or ajar, poisonous exhaust gases containing carbon monoxide (CO) may enter the vehicle and serious illness or death may result.

Information

To prevent damage to the boot lift cylinders and the attached hardware, always close the boot before driving.

NOTICE

In cold and wet climates, boot lock and boot mechanisms may not work properly due to freezing conditions.

WARNING

Your vehicle should be kept locked and keys should be kept out of the reach of children. Parents should teach their children about the dangers of playing in the boot.

Emergency boot safety release



Your vehicle is equipped with an Emergency Boot Safety Release lever located inside the vehicle. When someone is inadvertently locked in the boot, the boot can be opened by moving the lever in the direction of the arrow and pushing the boot open.

WARNING

- You and your passengers must be aware of the location of the Emergency Boot Safety Release lever in this vehicle and how to open the boot in case you are accidentally locked in the boot.
- NEVER allow anyone to occupy the boot of the vehicle at any time. If the boot is partially or totally latched and the person is unable to get out, serious injury or death could occur due to lack of ventilation, exhaust fumes and rapid heat build-up, or because of exposure to cold weather conditions. The boot is also a highly dangerous location in the event of a crash because it is not a protected occupant space but is a part of the vehicle's crush zone.
- Your vehicle should be kept locked and the smart key should be kept out of the reach of children. Parents should teach their children about the dangers of playing in boots.
- Use the release lever for emergencies only.

Boot release lever

When the vehicle battery is discharged or the boot needs to be opened manually

1. Fold the rear seats using the seatback folding lever (1) .



2. Open the boot using the Emergency Boot Safety Release lever.

WARNING

Make sure to at least have minimum space at the back and in the upper area of the boot when opening or closing the boot. If not, the boot may hit the surrounding objects (wall, ceiling, vehicle, etc.) and result in damaging the vehicle or injuring a person nearby.

Power boot

 if equipped

Power boot operating conditions

The power boot operates when vehicle speed is below 3 km/h.

WARNING

- Never leave children or animals unsupervised in your vehicle. Children may operate the power boot. Doing so can result in injury to themselves or others and can damage the vehicle.
- Make sure there are no people or objects and enough space around the boot before operating the power boot or smart boot prior to use. Serious injury, damage to the vehicle or damage to surrounding objects (for example, walls, ceilings, vehicles, etc.) may result if contact with the boot occurs.
- Make sure there are no people or objects around the boot before operating the power boot. Wait until the boot is opened fully and stopped before loading or unloading cargo from the vehicle.
- Always keep the boot lid completely closed whilst the vehicle is in motion. If it is left open or ajar, poisonous exhaust gases containing carbon monoxide (CO) may enter the vehicle and serious illness or death may result.

NOTICE

- Do not close or open the power boot manually. This may cause damage to the power boot. If it is necessary to close or open the power boot manually when the battery is discharged or disconnected, do not apply excessive force.
- Do not operate the power boot more than 10 times continuously when the engine is not running. Use the power boot with the engine running when the power boot is used repeatedly to prevent battery discharge.
- Do not leave the boot open for a long period of time. This may drain the battery.
- Do not modify or repair any part of the power boot by yourself. This must be done by an authorised Genesis repairer.
- Do not operate the power boot under the following conditions. The power boot may not operate properly.
 - One side of the vehicle is lifted to inspect the vehicle or change a tyre
 - Parking on an uneven road such as a slope, etc.
- Close the boot completely and lock all doors and boot using the central door lock button before using an automatic car wash.
- Do not spray high pressure water directly on the power boot outside open/close button. The boot may open unintentionally.

i Information

- In cold and wet climates, the outside power boot open button may not work properly due to freezing conditions. If this occurs, remove the ice before using the outside power boot open button or use the power boot open button on the smart key or the instrument panel.
- If you leave the smart key in the boot and close the boot, a warning will sound for about 5 seconds. If this occurs, open the boot by pressing the power boot open button on the outside of the boot.
- If there are obstacles such as snow on the boot, the boot may not open automatically. After removing the obstacle, try to open it again.
- Be careful where there is an incline, as the boot lid may drop slightly when it is stopped before it fully opens.

Operating the power boot

Power boot open (Smart key)



When the boot is closed, press the power boot open for 1 second. The boot will open with a warning sound.

Whilst the boot is opening, press the button to stop power boot operation.

Power boot open/close button (Instrument panel)



When the boot is closed, press the power boot open/close button for 1 second. The power boot will open with a warning sound.

Whilst the boot is opening, press the button to stop power boot operation.

When the boot is opened, press and hold the boot open/close button to close the power boot. If you release the button whilst the boot is closing, power boot operation will stop with a warning sound for 5 seconds.

Power boot open button (Outside the power boot)



When the boot is closed, press the power boot open button to open the boot.

If the vehicle is locked, press the power boot open button with the smart key in your possession.

Whilst the boot is opening, press the button to stop power boot operation.

Power boot close button (Inside the power boot)



Press the power boot close button. The boot will close with a warning sound.

Whilst the boot is closing, press the button to stop power boot operation.

Power boot lock button (Inside the power boot)



Press the power boot lock button whilst carrying the smart key. The power boot will close and lock with a warning sound. Additionally, all doors will lock.

The boot will close and lock, and all doors will lock only when the engine is off.

Switching the power boot from manual to automatic

If you apply over a certain amount of power manually when the boot is opened, the power boot system detects the direction and closes or opens automatically.

- The power boot fully opens when the boot is raised
- The power boot closes completely when the boot is lowered

***i* Information**

The power boot may not operate properly if the boot is not opened above a certain height.

Automatic reverse

During power boot operation if the power boot senses any obstacle, the boot will stop or will fully open. The automatic reverse feature may not operate properly, or it may operate unexpectedly under the following circumstances:

- The automatic reverse feature may not detect the resistance if the detected resistance is below a certain level, or if the boot is almost fully closed near the latched position.
- The automatic reverse feature may operate if a strong impact is applied with no obstructions placed.

WARNING

Never intentionally place any object or part of your body in the path of the power boot to test the automatic reverse feature operates. Serious injury, or damage to the vehicle or object may occur.

***i* Information**

The power boot may stop operating if the automatic reverse feature operates more than two times whilst attempting to open or close the boot. If this occurs, carefully open or close the boot manually, and then after 30 seconds try to operate the power boot automatically again.

Setting the power boot

Power boot opening height

To adjust the power boot opening height, select **Settings > Vehicle > Door > Power Trunk opening height** in the infotainment system.

i Information

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

Resetting the power boot

In some circumstances resetting the power boot operation may need to be performed. Some instances where resetting the power boot may be required include:

- When the 12 V battery is recharged
- When the 12 V battery is reinstalled after removal or replacement
- When the related fuse is reinstalled after removal or replacement
 1. With the engine off or running, put the vehicle in P (Park).
 2. Whilst Pressing the power boot close inner button, press the power boot open outer button for more than 3 seconds. A chime will sound.
 3. Slowly close the boot manually.
 4. Press the power boot open outer button. The boot will open with a chime sound.

Wait until the boot fully opens to complete resetting. If the boot stops before it is fully open, resetting cannot be completed.

i Information

If the power boot does not operate properly after the above procedure, we recommend that the system be inspected by an authorised Genesis repairer.

Emergency boot safety release

• Inside the boot



Your vehicle is equipped with an emergency boot safety release lever located inside the boot. When someone is inadvertently locked in the boot, the boot can be opened by moving the lever in the direction of the arrow and pushing the boot lid to open.

• Inside the vehicle

Follow the below procedure to open the boot manually when the battery is discharged or when there is a problem with the vehicle:

1. Fold the rear seats using the seatback folding lever (1) .



2. Open the boot using the Emergency Boot Safety Release lever.

! WARNING

- You and your passengers must be aware of the location of the Emergency Boot Safety Release lever in this vehicle and how to open the boot in case you are accidentally locked in the boot.
- NEVER allow anyone to occupy the boot of the vehicle at any time.
- Use the release lever for emergencies only.

Power tailgate

+ if equipped

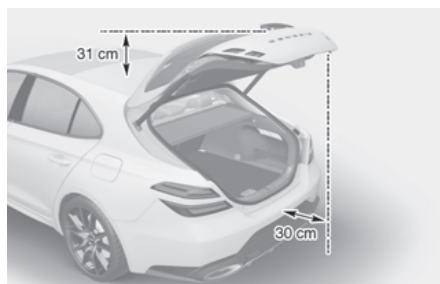
Power tailgate operating conditions

The power tailgate operates when the gear is in P (Park) with the engine running. However, the power tailgate will operate regardless of the gear position when the engine is off. Also, the tailgate can be opened only when vehicle speed is below 3 km/h.

For safety, before attempting to open or close the tailgate, make sure the vehicle is in P (Park).

! WARNING

- Never leave children or animals unsupervised in your vehicle. Children may operate the power tailgate. Doing so can result in injury to themselves or others and can damage the vehicle.
- Make sure that there are no people or objects in the path of the power tailgate or smart tailgate prior to use. Serious injury, damage to the vehicle or damage to surrounding objects (for example, walls, ceilings, vehicles, etc.) may result if contact with the tailgate occurs.



- The tailgate may not open or may close unintentionally injuring people around the tailgate under the following situation:

- There is a lot of snow on the tailgate.
- There is a heavy object on the tailgate such as a bicycle carrier, ladder, etc.

Do not open the tailgate before removing snow or heavy object on the tailgate.

NOTICE

- Do not close or open the tailgate manually. This may cause damage to the power tailgate. If it is necessary to close or open the tailgate manually when the battery is discharged or disconnected, do not apply excessive force.
 - Do not operate the power tailgate more than 10 times continuously when the engine is not running. Use the power tailgate with the engine running when the power tailgate is used repeatedly to prevent battery discharge.
 - Do not leave the power tailgate open for a long period of time. This may drain the battery.
 - Do not apply excessive force when the power tailgate is operating. Doing so could result in vehicle damage.
 - Do not grab or hold on to the tailgate support struts at any time. Damage to the tailgate support struts could result. Deformation of the tailgate support struts may cause vehicle damage and personal injury may occur.
- Do not modify or repair any part of the power tailgate by yourself. This must be done by an authorised Genesis repairer.
 - Do not operate the power tailgate under the following conditions. The power tailgate may not operate properly.
 - One side of the vehicle is lifted to inspect the vehicle or change a tyre.
 - Parking on an uneven road such as a slope, etc.
 - Close the tailgate completely and lock all doors and tailgate using the central door lock button before using an automatic car wash.
 - Do not spray high pressure water directly on the power tailgate outside open/close button. The tailgate may open unintentionally.
-



i Information

- If the tailgate is not fully closed and vehicle speed is at or above 3 km/h, a warning will sound 10 times. Immediately park the vehicle at a safe place, close the tailgate, and check that the tailgate open warning on the instrument cluster is turned off.
- In cold and wet climates, the outside power tailgate open/close button may not work properly due to freezing conditions. If this occurs, remove the ice before using the outside power tailgate open/close button or use the power tailgate open/close button on the smart key or the instrument panel.
- Operating the power tailgate more than 5 times continuously could cause damage to the operating motor. If this occurs, the power tailgate will not operate to prevent the motor from overheating. If any of the power tailgate buttons are pressed to try to open the tailgate, the chime will sound 3 times, but the tailgate will remain closed. Allow the power tailgate system to cool for about 1 minute before operating the system again.

Operating the power tailgate

Power tailgate open/close button (Smart key)



Power tailgate open/close button (Instrument panel)

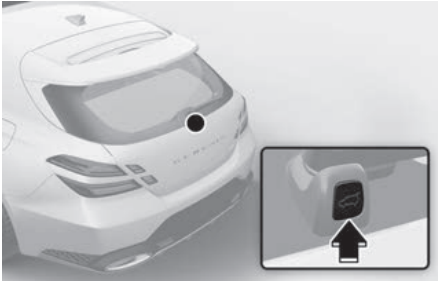


Press the power tailgate open/close button for 1 second. The tailgate opens or closes with a warning sound.

Whilst the tailgate is opening or closing, press the button to stop tailgate operation.

If the smart key is not within operation range (about 10m from the vehicle), tailgate operation will stop with a warning sound for 5 seconds.

Power tailgate open button (Outside the power tailgate)



When the tailgate is closed, press the power tailgate open/close button to open the tailgate.

If the vehicle is locked, press the power tailgate open/close button with the smart key in your possession.

If the tailgate is unlocked, the tailgate will open or close with a warning sound when the power tailgate open/close button is pressed without carrying the smart key.

Power tailgate close button (Inside the power tailgate)



Press the power tailgate open/close button. The tailgate opens or closes automatically.

Power tailgate lock button (Inside the power tailgate)



Press the power tailgate lock button whilst carrying the smart key. The tailgate closes and locks automatically. Additionally, all doors will lock.

The tailgate can be closed and locked, and all doors locked only when the button is pressed whilst the engine is off.

Automatic reverse

During power tailgate operation if the power tailgate senses any obstacle, the tailgate will stop or will fully open. The automatic reverse feature may not operate properly, or it may operate unexpectedly under the following circumstances:

- The automatic reverse feature may not detect the resistance if the detected resistance is below a certain level, or if the tailgate is almost fully closed near the latched position.
- The automatic reverse feature may operate if a strong impact is applied with no obstructions placed.

WARNING

Never intentionally place any object or part of your body in the path of the power tailgate to make sure the automatic reverse feature operates. Serious injury, or damage to the vehicle or object may occur.

i **Information**

The power tailgate may stop operating if the automatic reverse feature operates more than two times whilst attempting to open or close the tailgate. If this occurs, carefully open or close the tailgate manually, and then after 30 seconds try to operate the power tailgate automatically again.

Power tailgate settings

Power tailgate opening speed

To adjust the power tailgate opening speed, select **Settings > Vehicle > Door > Power Tailgate speed** in the infotainment system.

Power tailgate opening height

To adjust the power tailgate opening height, select **Settings > Vehicle > Door > Power Tailgate opening height** in the infotainment system.

i **Information**

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

User height setting

1. Position the tailgate manually to the height you prefer.
2. Press the power tailgate open/close button located inside the tailgate for more than 3 seconds.

If **User Height Setting** is selected for the power tailgate opening height, the power tailgate will automatically open to the height manually set by you.

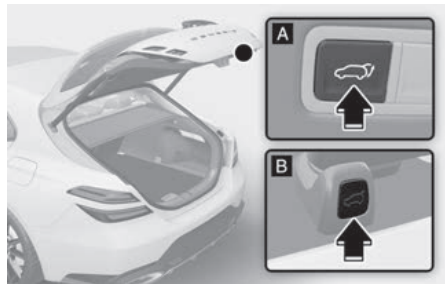
i Information

- If the power tailgate opening height has not been manually set, the power tailgate will fully open when **User Height Setting** from the infotainment system is selected.
- If one of the height settings (**Full Open/Level 3/Level 2/Level 1**) is selected from the settings menu in the infotainment system, and then **User Height Setting** is selected, the tailgate will open to the height manually set by you.
- The power tailgate opening speed and opening height settings change according to the linked User Profile. If the User Profile is changed, power tailgate opening speed and opening height settings will change accordingly.

Resetting the power tailgate

In some circumstances resetting the power tailgate operation may need to be performed. Some instances where resetting the power tailgate may be required include:

- When the 12 V battery is recharged
- When the 12 V battery is reinstalled after removal or replacement
- When the related fuse is reinstalled after removal or replacement

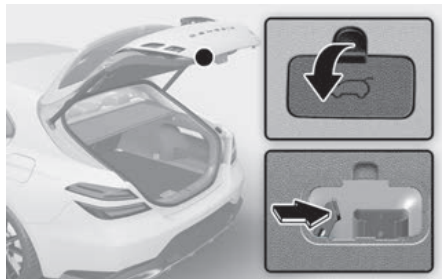


1. With the engine off or running, put the vehicle in P (Park).
2. Press the power tailgate open/close inner button (A) and outer button (B) simultaneously until a chime sounds.
3. Slowly close the tailgate manually.
4. Press the power tailgate open/close outer button (B). The power tailgate will open with a chime sound. Wait until the tailgate fully opens to complete resetting. If the tailgate stops before it is fully open, resetting cannot be completed.

i Information

If the power tailgate does not operate properly after the above procedure, we recommend that the system be inspected by an authorised Genesis repairer.

Emergency tailgate safety release



To unlock and open the tailgate manually from inside the luggage compartment, perform the following procedure:

1. Remove the cover at the bottom of the tailgate.
2. Slide the latch in the direction of the arrow to unlock the tailgate.
3. Push the tailgate to open.

WARNING

- For emergencies, be fully aware of the location of the emergency tailgate safety release latch in the vehicle and how to open the tailgate if you are accidentally locked in the luggage compartment.
- No one, including animals, should be allowed to occupy the luggage compartment of the vehicle at any time. The luggage compartment is a very dangerous location in the event of an accident.
- Use the release latch for emergencies only. Use extreme caution, especially whilst the vehicle is in motion.

Smart boot (or tailgate)

Sedan



Shooting Brake



On a vehicle equipped with a smart key, the boot (or tailgate) can be opened with hands-free activation using the smart boot (or tailgate) system.

How to use the smart boot (or tailgate)

The hands-free smart boot (or tailgate) system can be opened automatically when the following conditions are met:

- The smart boot (or tailgate) option is enabled from the Settings menu in the infotainment system.
- The smart boot (or tailgate) is activated and ready 15 seconds after all the doors are closed and locked
- The smart boot (or tailgate) will open when the smart key is detected in the area behind the vehicle for 3 seconds

i Information

The smart boot (or tailgate) will NOT operate when:

- Any door is open, or all doors are closed but not locked
 - The smart key is detected within 15 seconds from when the doors were closed and locked
 - For vehicles equipped with illuminated exterior front door handles, if the smart key is detected within 15 seconds from when the doors were closed and locked or if the smart key is within 1.5 m from the front door handles
 - The smart key is in the vehicle.
-

1. Settings

To use smart boot (or tailgate), it must be enabled from the Settings menu in the infotainment system. Select:

- **Settings > Vehicle > Door > Smart Trunk/Smart Tailgate**

i Information

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

2. Detect and Alert

The smart boot (or tailgate) detecting area extends about 50-100 cm behind the vehicle. If you are positioned in the detecting area and are carrying the smart key, the hazard warning lights will blink and the chime will sound to alert you that the smart boot (or tailgate) will open.

i Information

Do not approach the detecting area if you do not want the boot (or tailgate) to open. If you have unintentionally entered the detecting area and the hazard warning lights and chime starts to operate, move away from the area behind the vehicle with the smart key. The boot (or tailgate) will remain closed.

3. Automatic opening

After the hazard warning lights blink and the chime sounds 6 times, the smart boot (or tailgate) will open.

Deactivating smart boot (or tailgate)



- (1) Door lock
- (2) Door unlock
- (3) Boot open (or Tailgate open/close)

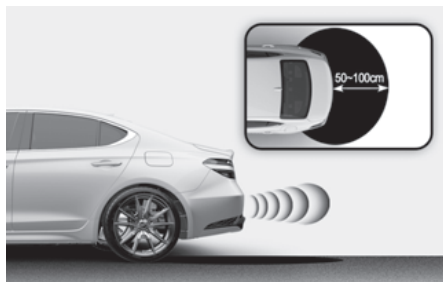
If you press any button on the smart key during the Detect and Alert stage, the smart boot (or tailgate) function will be deactivated.

Make sure you know how to deactivate the smart boot (or tailgate) function for emergency situations.

i Information

- If you press the door unlock button (2), the smart boot (or tailgate) function will be deactivated temporarily. But, if you do not open any door for 30 seconds, the smart boot (or tailgate) function will be activated again.
- If you press the boot (or tailgate) open button (3) for more than 1 second, the boot (or tailgate) opens.
- The smart boot (or tailgate) function will still be activated if you press the door lock button (1) or boot (or tailgate) open button (3) on the smart key as long as the smart boot (or tailgate) is not already in the Detect and Alert stage.
- In case you have deactivated the smart boot (or tailgate) function by pressing the smart key button and opened a door, the smart boot (or tailgate) function can be activated again by closing and locking all doors.

Detecting area



- The smart boot (or tailgate) detecting area extends about 50-100 cm behind the vehicle. If you are positioned in the detecting area and are carrying the smart key, the hazard warning lights will blink and the chime will sound for about 3 seconds to alert you that the smart boot (or tailgate) will open.
- The alert stops once the smart key is moved outside of the detecting area within the 3 second period.

i Information

- Smart boot (or tailgate) may not operate properly if any of the following occur:
 - The Smart key is close to a radio transmitter such as a radio station or an airport which can interfere with normal operation of the transmitter.
 - The Smart key is near a mobile two way radio system or a mobile phone.
 - Another vehicle's Smart key is being operated close to your vehicle.
 - The temperature drops below 0°C.
- The smart boot (or tailgate) detecting area may change when:
 - The vehicle is parked on an incline or slope.
 - One side of the vehicle is raised or lowered relative to the opposite side.

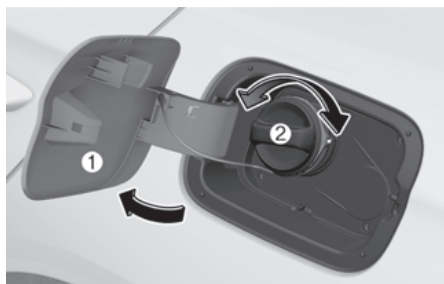
Fuel filler door

Opening the fuel filler door

1. Turn the engine off.
2. Push the fuel filler door open button.



3. Pull the fuel filler door (1) outward to access the fuel tank cap.
4. To remove the fuel tank cap (2), turn it anti-clockwise. You may hear a hissing noise as the pressure inside the tank equalizes.



5. Place the cap on the fuel filler door.

i Information

If the fuel filler door does not open because ice has formed around it, tap lightly or push on the door to break the ice and release the door. Do not pry on the door. If necessary, spray around the door with an approved deicer fluid (do not use radiator antifreeze) or move the vehicle to a warm place and allow the ice to melt.

Closing the fuel filler door

1. To install the fuel tank cap, turn it clockwise until it “clicks” one time.
2. Close the fuel filler door until it is latched securely.

i Information

The fuel filler door will not close if the driver's door is locked. If you lock the driver's door whilst fuelling, unlock it before closing the fuel filler door.

WARNING

Automotive fuel is highly flammable and explosive. Failure to follow these guidelines may result in **SERIOUS INJURY** or **DEATH**:

- Read and follow all warnings posted at the service station.
 - Before refuelling, note the location of the Emergency Fuel Shut-Off, if available, at the service station.
 - Before touching the fuel nozzle, you should eliminate the potential build-up of static electricity by touching a metal part of the vehicle, a safe distance away from the fuel filler neck, nozzle, or other gas source, with your bare hand.
 - Do not use mobile phones whilst refuelling. Electric current and/or electronic interference from mobile phones can potentially ignite fuel vapours and cause a fire.
 - Do not get back into a vehicle once you have begun refuelling. You can generate a buildup of static electricity by touching, rubbing or sliding against any item or fabric capable of producing static electricity. Static electricity discharge can ignite fuel vapours causing a fire. If you must re-enter the vehicle, you should once again eliminate potentially dangerous static electricity discharge by touching a metal part of the vehicle, away from the fuel filler neck, nozzle or other fuel source, with your bare hand.
 - When using an approved portable fuel container, be sure to place the container on the ground prior to refuelling. Static electricity discharge from the container can ignite fuel vapours causing a fire.
Once refuelling has begun, contact between your bare hand and the vehicle should be maintained until the filling is complete.
 - Use only approved portable plastic fuel containers designed to carry and store fuel.
 - When refuelling, always shift the vehicle to the P (Park) position, set the parking brake, and press the Engine Start/Stop button to the OFF position. Sparks produced by electrical components related to the engine can ignite fuel vapours causing a fire.
 - Do not use matches or a lighter and do not smoke or leave a lit cigarette in your vehicle whilst at a service station, especially during refuelling.
 - Do not over-fill or top-off your vehicle tank, which can cause fuel spillage.
 - If a fire breaks out during refuelling, leave the vicinity of the vehicle, and immediately contact the manager of the service station and then contact the local fire department. Follow any safety instructions they provide.
 - If pressurised fuel sprays out, it can cover your clothes or skin and thus subject you to the risk of fire and burns. Always remove the fuel cap carefully and slowly. If the cap is venting fuel or if you hear a hissing sound, wait until the condition stops before completely removing the cap.
 - Always check that the fuel cap is installed securely to prevent fuel spillage in the event of an accident.
-

i Information

Make sure to refuel your vehicle according to the “Fuel requirements” section in chapter 1.

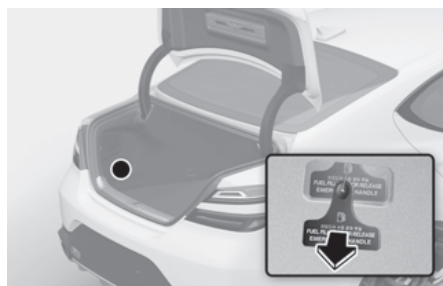
NOTICE

- Do not spill fuel on the exterior surfaces of the vehicle. Any type of fuel spilled on painted surfaces may damage the paint.
- If the fuel filler cap requires replacement, we recommend that you only use a genuine Genesis cap or the equivalent (of the genuine part) specified for your vehicle. An incorrect fuel filler cap can result in a serious malfunction of the fuel system or emission control system.

Emergency fuel filler lid release

+ if equipped

If the fuel filler lid does not open using the remote fuel filler lid release, you can open it manually by pulling the handle outward slightly.

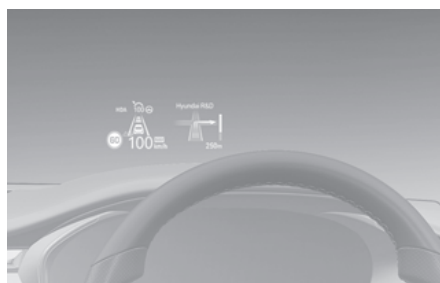


NOTICE

Do not pull the handle excessively, otherwise the luggage compartment trim or release handle may be damaged.

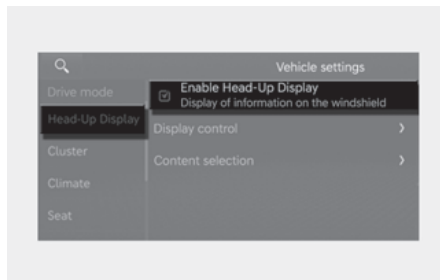
Head-Up Display (HUD)

+ if equipped



The Head-Up Display is an optional feature that allows the driver to view information projected onto a transparent screen whilst still keeping your eyes safely on the road ahead whilst driving.

Head-Up Display settings



- Head-Up Display can be enabled from the Settings menu in the infotainment system.

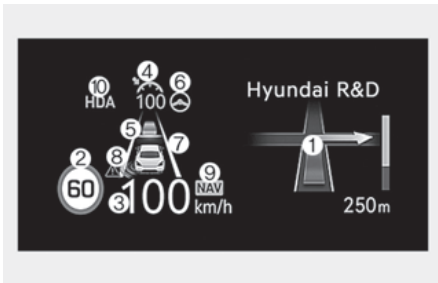
Select: **Settings > Vehicle > Head-Up Display > Enable Head-Up Display**

- After turning on the Head-Up Display, you can change the settings of **Display control** and **Content selection** of the Head-Up Display.

i Information

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

Head-Up Display information



- (1) Turn by Turn (TBT) navigation information
- (2) Traffic signs or speed limit
- (3) Speedometer
- (4) SCC set speed
- (5) SCC Vehicle distance
- (6) Lane Following Assist
- (7) Lane Safety
- (8) Blind-Spot Safety
- (9) Highway Auto Speed Change
- (10) Highway Driving Assist

Precautions whilst using the Head-Up Display

- It may sometimes be difficult to read information on the Head-Up Display in the following situations.
 - The driver is improperly positioned in the driver's seat.
 - The driver wears polarizing-filter sunglasses.
 - An object is located above the Head-Up Display cover
 - The vehicle is driven on a wet road.
 - Any improper lighting accessory is installed inside the vehicle, or there is incoming light from outside of the vehicle.
 - The driver wears glasses.
 - The driver wears contact lenses.

When it is difficult to read the Head-Up Display information, adjust the image height or brightness level from the Settings menu in the infotainment system.

i Information

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

- For your safety, make sure to stop the vehicle before adjusting the settings.
- Do not tint the front windscreen glass or add other types of metallic coating. Otherwise, the Head-Up Display image may be invisible.
- Do not place any accessories on the crash pad or attach any objects on the windscreen glass.

- When replacing the front windscreen glass, replace it with a windscreen glass designed for Head-Up Display operation. Otherwise, duplicated images may appear on the windscreen glass.

WARNING

The warning information of Blind-Spot Safety on the Head-Up Display are supplemental. Do not solely depend on them to change lanes. Always take a look around before changing lanes.

Information

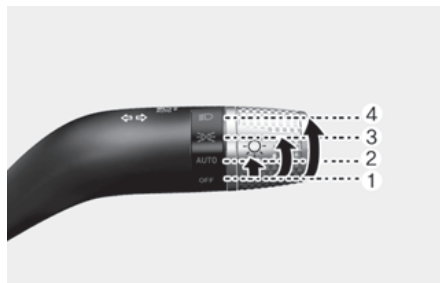
Head-Up Display includes GPL, LGPL, MPL and other open source licence softwares. All licence notices including related source code are provided at <http://www.mobis.co.kr/opensource/list.do>.

If the driver requests on-board software open source code via MOBIS_OSSrequest@mobis.co.kr within 3 years after buying this product, a CD-ROM or other storage device will be sent with the minimum cost covering storage device cost and delivery cost.

Exterior lights

Lighting control

To operate the lamps, turn the knob at the end of the control lever to one of the following positions:



- (1) OFF
- (2) AUTO headlamp
- (3) Parking lamp
- (4) Headlamp

Daytime Running Lamps (DRL)

The Daytime Running Lamps (DRL) can make it easier for others to see the front of your vehicle during the day, especially after dawn and before sunset. It automatically turns ON once the engine is started.

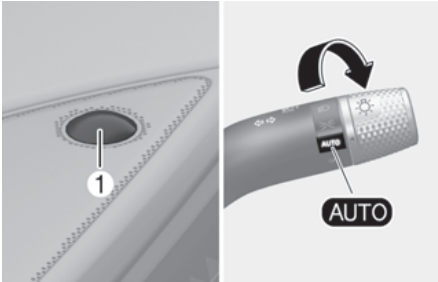
The DRL system turns OFF when:

- The headlamps are on
- The engine is turned ON whilst the EPB is applied (DRL remains off until driving)
- The engine is off

Information

You can turn off the DRL system whilst driving by turning on the headlamps when the parking brake is applied and then turning off the headlamps afterwards.

AUTO headlamp



The parking lamp and headlamp will be turned ON or OFF automatically depending on the amount of daylight as measured by the ambient light sensor (1) at the upper end of the windscreen glass. Even with the AUTO headlamp feature in operation, it is recommended that you manually turn ON the headlamps when driving at night or in a fog, driving in the rain, or when you enter dark areas, such as tunnels and parking facilities.

NOTICE

- Do not cover or spill anything on the sensor (1) located at the upper end of the windscreen glass.
- Do not clean the sensor using a window cleaner, the cleanser may leave a light film which could interfere with sensor operation.
- If your vehicle has window tint or other types of metallic coating on the front windscreen, the AUTO headlamp system may not work properly.

Parking lamp (P)



The parking lamp, licence plate lamp and instrument panel lamp are turned ON.

Headlamp (H)

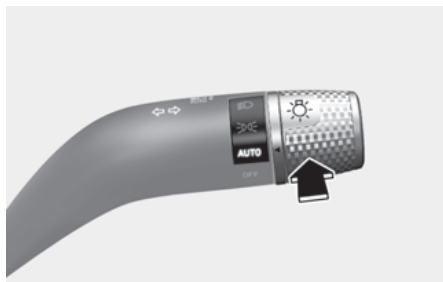


The headlamp, parking lamp, licence plate lamp and instrument panel lamp are turned ON.

i Information

The Engine Start/Stop button must be in the ON position to turn on the headlamp.

High beam operation



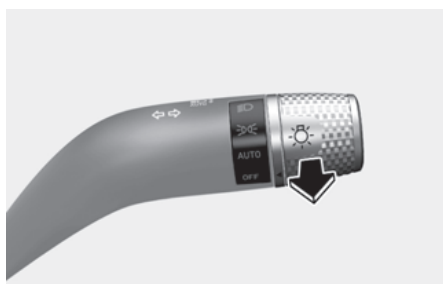
To turn on the high beam headlamp, push the lever away from you. The lever will return to its original position.

The high beam indicator will light when the headlamp high beams are switched on.

To turn off the high beam headlamp, pull the lever towards you. The low beams will turn on.

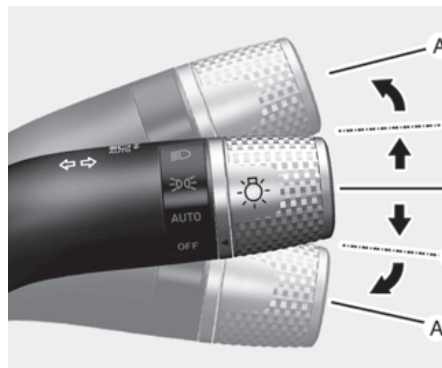
WARNING

Do not use high beam when there are other vehicles approaching you. Using high beam could obstruct the other driver's vision.



To flash the high beam headlamp, pull the lever towards you, then release the lever. The high beams will remain ON as long as you hold the lever towards you.

Turn signals and lane change signals



To signal a turn, push down on the lever for a right turn or up for a left turn in position (A).

If an indicator stays on and does not flash or if it flashes abnormally, one of the turn signal bulbs may be burned out and will require replacement.

One touch turn indicator

To use One touch turn indicator push the turn signal lever up or down to position (B) and then release it.

The lane change signals blinks 3, 5 or 7 times.

You can enable the One touch turn signal indicator function or choose the number of blinking by selecting **Settings > Vehicle > Light > One-touch turn indicator > 7 flashes/5 flashes/3 flashes/Off** in the infotainment system.

i Information

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

Battery saver function

To prevent the battery from being discharged, the system automatically turns off the parking lamp when the driver turns the vehicle off and opens the driver's door.

With this feature, the parking lamps turn off automatically if the driver parks on the side of road at night.

To keep the lamps on when the engine is turned off:

1. Open the driver's door.
2. Turn the parking lamps OFF and ON again using the headlamp switch.

Headlamps time-out function

 If equipped

If the Engine Start/Stop button is in the ACC position or the OFF position with the headlamps ON, the headlamps (and/or parking lamps) remain on for about 5 minutes.

However, if the driver's door is opened and closed, the headlamps are turned off after 15 seconds. Also, with the vehicle off if the driver's door is opened and closed, the headlamps (and/or parking lamps) are turned off after 15 seconds.

The headlamps (and/or parking lamps) can be turned off by pressing the lock button on the smart key twice or turning the headlamp switch to the OFF or AUTO position.

You can enable the Headlamps time-out function by selecting **Settings > Vehicle > Light > Headlight time-out** in the infotainment system.

NOTICE

If the driver exits the vehicle through another door besides the driver door, the battery saver function does not operate and the Headlamps time-out function does not turn OFF automatically.

This may cause the battery to discharge. To avoid battery discharge, turn OFF the headlamps manually from the headlamps switch before exiting the vehicle.

Information

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

Headlamps levelling device

 If equipped

Headlamps levelling device automatically adjusts the headlamp beam level according to the number of passengers and loading weight in the luggage compartment.

It also adjusts to the appropriate headlamp beam level for various situations.

WARNING

If the function does not work properly, we recommend that the system be inspected by an authorised Genesis repairer. Do not attempt to inspect or replace the wiring yourself.

Reverse guide lamp

When the gear is in R (Reverse), the reverse lamp turns on and the reverse guide lamp at the back of the vehicle lights the floor.

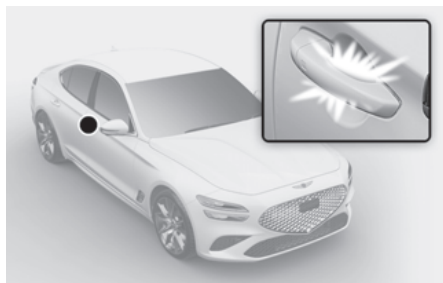
The lamp informs nearby drivers that your vehicle is reversing.

Headlamps moisture removal function

When moisture fogs up inside of the headlamp, if the headlamp is on for certain period of time, the fan circulates the air inside to remove moisture. If moisture is not removed, we recommend that you have the vehicle inspected by an authorised Genesis repairer.

Welcome system

 if equipped



Welcome system helps keep the driver visible by turning on vehicle lamps when the driver approaches the vehicle.

Puddle lamp and door handle lamp

When all the doors (and boot (or tailgate)) are closed and locked, the puddle lamp and door handle lamp turns on for about 15 seconds if any of the below is performed.

- When the door unlock button is pressed on the smart key.

- When you put your hand in the outside door handle with the smart key in possession.
- If **Settings > Vehicle > Light > Welcome mirror/light > On driver approach** is selected from the Settings menu in the infotainment system, the lamps turn on when the vehicle is approached with the smart key in possession.

Information

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

Headlamp and parking lamp

When the lamp switch is ON, and all the doors (and boot (or tailgate)) are closed and locked, the headlamp and parking lamp turns on for about 15 seconds if the door unlock button is pressed on the smart key. Note that if the lamp switch is in the AUTO position, the headlamp and parking lamp turns on only when it is dark outside.

Select **Settings > Vehicle > Light > Headlight time-out** from the Settings menu in the infotainment system to turn on this function.

Interior lamp

When the interior lamp switch is in the  position and all doors (and boot (or tailgate)) are closed and locked, the interior lamp comes on for 30 seconds if any of the below is performed.

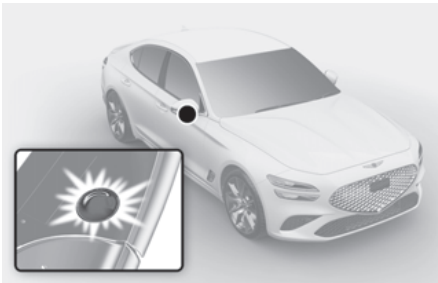
- When the door unlock button is pressed on the smart key.

- When you put your hand in the outside door handle whilst carrying the smart key.

At this time, if you press the door lock or unlock button on the smart key the lamps turn off immediately.

Puddle lamp

 if equipped



Welcome light

When all doors (and boot (or tailgate)) are closed and locked, the puddle lamp turns on for 15 seconds if the door is unlocked by the smart key or when you put your hand in the outside door handle with the smart key in possession.

For more information, refer to the “Welcome system” section in this chapter.

Escort light

When the Engine Start/Stop button is in the OFF position and the driver's door is opened, the puddle lamp will turn on for 30 seconds. If the driver's door is closed within the 30 seconds period, the puddle lamp will turn off after 15 seconds. If the driver's door is closed and locked, the puddle lamp will turn off immediately.

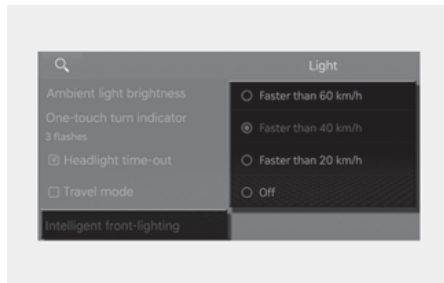
The Puddle Lamp Escort Light will turn on only the first time the driver's door is opened after the engine is turned off.

Intelligent Front-Lighting System (IFS)

 if equipped

Intelligent Front-Lighting System secures a clear view for the driver with the high beam on whilst driving at night.

System setting



With the Engine Start/Stop button in the ON position, select **Settings > Vehicle > Light > Intelligent front-lighting** from the Settings menu to turn on Intelligent Front-Lighting System and deselect to turn off the system.

Information

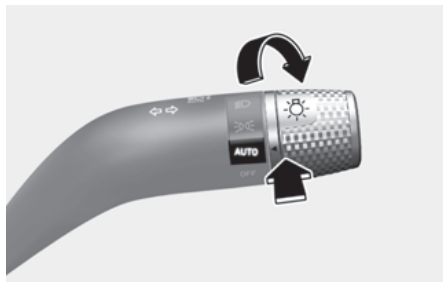
The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

WARNING

For your safety, change the Settings after parking the vehicle at a safe location.

System operation

Display and control



After selecting **Intelligent front-lighting** in the Settings menu, Intelligent Front-Lighting System will operate by following the procedure below.

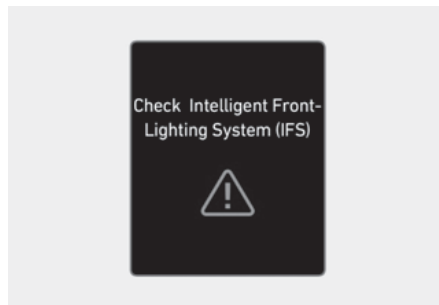
- Place the headlamp switch in the AUTO position and push the headlamp lever toward the instrument cluster. The

Intelligent Front-Lighting System () indicator light will illuminate on the instrument cluster and the system will be enabled.

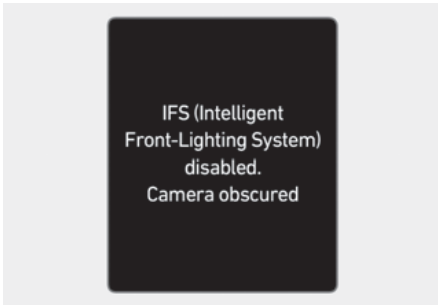
- When the system is enabled, the Intelligent Front-Lighting System will operate according to the set speed in the infotainment system. The initial system is set to work when vehicle speed is above 40 km/h.
- The high beam LED partially turns off if an oncoming vehicle or a vehicle ahead is detected by the front view camera.
- If Intelligent Front-Lighting System detects an oncoming vehicle or a vehicle ahead whilst driving at high speed (about above 100 km/h, the driver's side headlamp will turn off and only the passenger's side headlamp will be controlled by the system.

System malfunction and limitations

System malfunction



When Intelligent Front-Lighting System is not working properly, the “**Check Intelligent Front-Lighting System (IFS)**” warning message will come on for a few second on the instrument cluster. After the message disappears, the AFS and  will illuminate on the instrument cluster. We recommend that the system be inspected by an authorised Genesis repairer.



When the front view camera is covered with dirt, snow, or debris, Intelligent Front-Lighting System may temporarily not work properly. If this occurs, a warning message will appear on the instrument cluster.

The system will operate normally when such dirt, snow or debris is removed.

Intelligent Front-Lighting System may not properly operate in an area (for example, open terrain) where objects or vehicles are not detected after turning on the engine.

Also, even though a warning message does not appear on the instrument cluster, the system may not properly operate.

Limitations of the system

Intelligent Front-Lighting System may not work properly in the following situations:

- Light from a vehicle is not detected because of lamp damage, or because it is hidden from sight, etc.
- Headlamp of a vehicle is covered with dust, snow or water.
- A vehicle's headlamps are off but the fog lights are on and etc.
- There is a lamp that has a similar shape as a vehicle's lamp.
- Headlamps have been damaged or not repaired properly.
- Headlamps are not aimed properly.
- Driving on a narrow curved road, rough road, uphill or downhill.
- Vehicle in front is partially visible on a crossroad or curved road.
- There is a traffic light, reflecting sign, flashing sign or mirror ahead.
- There is a temporary reflector or flash ahead (construction area).
- The road conditions are bad such as being wet, iced or covered with snow.
- A vehicle suddenly appears from a curve.
- The vehicle is tilted from a flat tyre or is being towed.
- There are many street lights or the ambient light is bright.
- Light from a vehicle is not detected because of exhaust fume, smoke, fog, snow, etc.
- The front windscreen is covered with foreign substance.

NOTICE

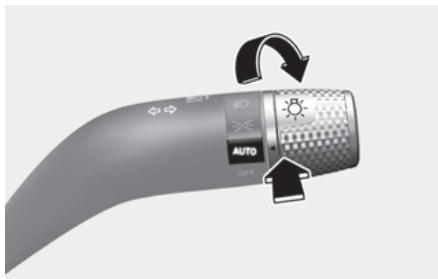
For more information on the limitations of the front view camera, refer to the “Forward Collision-Avoidance Assist (FCA) (Sensor fusion)” section in chapter 7.

⚠ WARNING

- At times, Intelligent Front-Lighting System may not work properly. The system is for your convenience only. It is the driver's responsibility to drive safely and always check the road conditions for your safety.
- When the system does not operate normally, switch the headlamp position manually between high beam and low beam.

High Beam Assist (HBA)

 if equipped



High Beam Assist automatically controls the headlamps between high beam and low beam depending on the detected ambient light, such as an oncoming vehicle or leading vehicle.

Detecting sensor



(1) Front view camera

The front view camera is used as a detecting sensor to detect ambient light and brightness whilst driving.

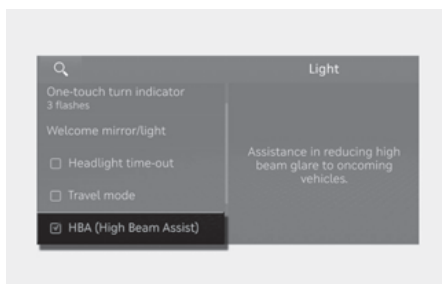
See the image above for the detailed location of the detecting sensor.

NOTICE

Always keep the front view camera in good condition to maintain optimal performance of High Beam Assist.

For more information on the precautions of the front view camera, refer to the “Forward Collision-Avoidance Assist (FCA) (Sensor fusion)” section in chapter 7.

High Beam Assist setting



With the Engine Start/Stop button in the ON position, select **Settings > Vehicle > Light > HBA (High Beam Assist)** from the Settings menu to turn on High Beam Assist and deselect to turn off the function.

i Information

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

⚠ WARNING

For your safety, change the Settings after parking the vehicle at a safe location.

High Beam Assist operation

Display and control

- After selecting **HBA (High Beam Assist)** in the Settings menu, High Beam Assist will operate by following the procedure below.
 - Place the headlamps switch in the AUTO position and push the headlamps lever towards the instrument cluster. The High Beam Assist (AUTO) indicator light will illuminate on the instrument cluster and High Beam Assist will be enabled.
 - When High Beam Assist is enabled, high beam will turn on when vehicle speed is above 30 km/h. When vehicle speed is below 20 km/h, high beam will turn off.
 - The High Beam (H) indicator light will illuminate on the instrument cluster when high beam is on.
- When High Beam Assist is operating, if the headlamps lever or switch is used, High Beam Assist operates as follow:
 - If the headlamps lever is pulled towards you when the high beam is off, the high beam will turn on without High Beam Assist cancelled. When you let go of the headlamps lever, the lever will move to the middle and the high beam will turn off.
 - If the headlamps lever is pulled towards you when the high beam is on by High Beam Assist, low beam will turn on and the High Beam Assist will turn off.
 - If the headlamps switch is placed from AUTO to another position (headlamps/parking/off), High Beam Assist will turn off and the corresponding lamp will turn on.

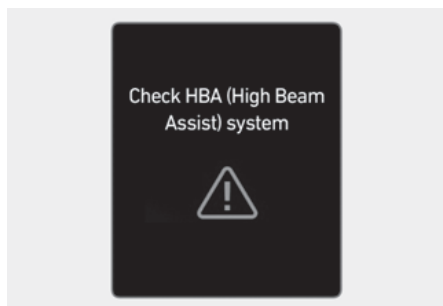
- When High Beam Assist is operating, high beam switches to low beam if any of the following conditions occur:
 - When the headlamps of an oncoming vehicle is detected.
 - When the tail lamps of a vehicle in front is detected.
 - When the headlamps or tail lamp of a motorcycle or a bicycle is detected.
 - When the surrounding ambient light is bright enough that high beams are not required.
 - When streetlights or other lights are detected.

i Information

The images and colours in the instrument cluster may differ depending on the instrument cluster type or theme selected from the instrument cluster.

High Beam Assist malfunction and limitations

High Beam Assist malfunction



When High Beam Assist is not working properly, the “**Check HBA (High Beam Assist) system**” warning message will appear and master (Δ) warning light will illuminate on the instrument cluster. We recommend that the vehicle be inspected by an authorised Genesis repairer.

Limitations of High Beam Assist

- Light from an oncoming or front vehicle is not detected because of lamp damage, or because it is hidden from sight, etc.
- Headlamps of an oncoming or front vehicle is covered with dust, snow or water.
- An oncoming or front vehicle's headlamps are off, but the fog lights are on, etc.
- There is a lamp that has a similar shape as a vehicle's lamp.
- Headlamps have been damaged or not repaired properly.
- Headlamps are not aimed properly.
- Driving on a narrow-curved road, curved road, rough road, uphill or downhill.
- Vehicle in front is partially visible on a crossroad or curved road.
- There is a traffic light, reflecting sign, flashing sign or mirror ahead.
- There is a temporary reflector or flash ahead (construction area).
- The road conditions are bad such as being wet, iced or covered with snow.
- A vehicle suddenly appears from a curve.
- The vehicle is tilted from a flat tyre or is being towed.
- Light from an oncoming or front vehicle is not detected due to obstacles in the air such as exhaust fume, smoke, fog, snow, or water spray or blizzard on the road, or fogging in the light, etc.

i Information

For more information on the limitations of the Front View Camera, refer to the “Forward Collision-Avoidance Assist malfunction and limitations” section in chapter 7.

WARNING

- At times, High Beam Assist may not work properly. High Beam Assist is for your convenience only. It is the driver's responsibility to drive safely and always check the road conditions for your safety.
 - When High Beam Assist does not operate properly, change the headlamps position manually between high beam and low beam.
-

Interior lamps

WARNING

Do not use the interior lamps when driving in the dark. The interior lamps may obscure your view and cause an accident.

NOTICE

Do not use the interior lamps for extended periods when the vehicle is turned off or the battery will discharge.

Interior lamp AUTO cut

The interior lamps will automatically go off about 20 minutes after the vehicle is turned off and the doors are closed. If a door is opened, the lamp will go off 40 minutes after the vehicle is turned off. If the doors are locked by the smart key and the vehicle enters the armed stage of the theft alarm system, the lamps will go off five seconds later.

Front lamps



Front map lamp (🔦 🔦)

Touch either icons to turn the map lamp on or off. This lamp produces a spot beam for convenient use as a map lamp at night or as a personal lamp for the driver and the front passenger.

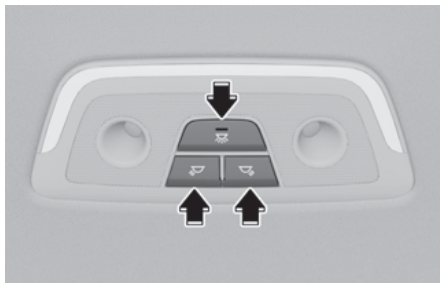
Door lamp (🚪)

The front or rear interior lamps come on when the front or rear doors are opened. When doors are unlocked by the smart key, the front and rear lamps come on for about 30 seconds as long as any door is not opened. The front and rear interior lamps go out gradually after about 30 seconds when the door is closed. However, if the Engine Start/Stop button is in the ON position or all doors are locked, the front and rear lamps will turn off. If a door is opened with the Engine Start/Stop button in the ACC position or the OFF position, the front and rear lamps will stay on for about 20 minutes.

Interior lamp (🔦)

Press the button to turn ON the interior lamp for the front/rear seats.

Rear lamps



Rear map lamp (🔦 🔦)

Press either of these buttons to turn either side of the rear lamp on or off.

Rear interior lamp (🔦)

Press this button to turn the interior lamp on or off.

NOTICE

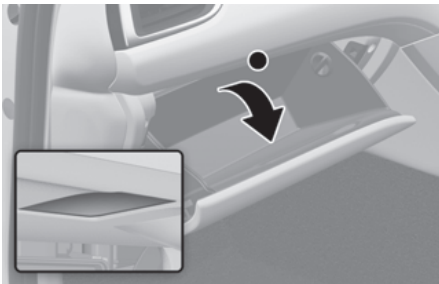
Do not leave the lamp switches on for an extended period of time when the engine is turned off.

Vanity mirror lamp



Opening the lid of the vanity mirror will automatically turn on the mirror lamp.

Glove box lamp

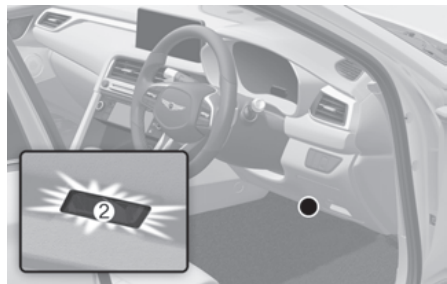
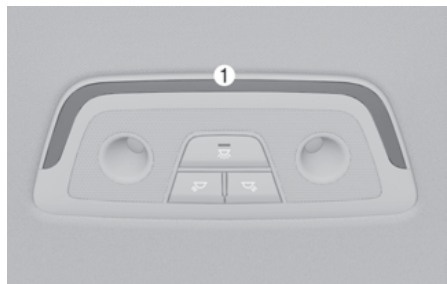


The glove box lamp turns on when the glove box is opened.

NOTICE

Close the glove box after use to prevent unnecessary battery discharge.

Mood lamp/foot lamp



- Mood lamp (1) : The lamp turns on when **Settings > Vehicle > Light > Ambient light** is selected from the infotainment system.
- Foot lamp (2): The lamp turns on when a door is open and turns off when the door is closed.

Boot lamp (Sedan)



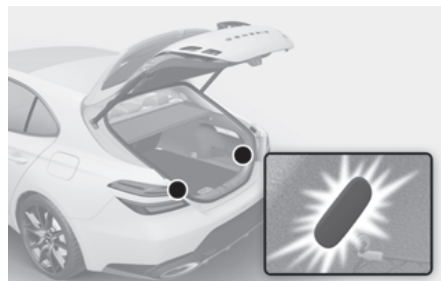
The boot lamp comes on when the boot is opened.

The lamp remains on when the boot is not completely closed.

NOTICE

Close the boot after use to prevent unnecessary battery discharge.

Tailgate lamp (Shooting Brake)



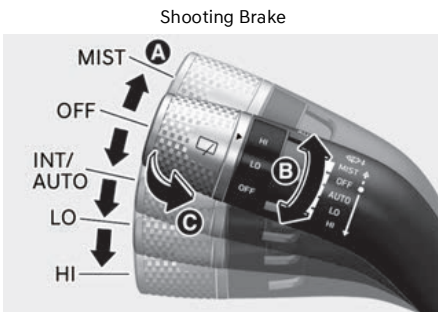
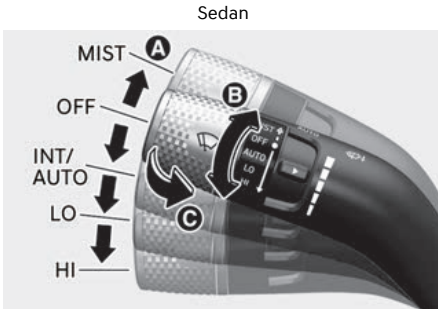
The tailgate lamp comes on when the tailgate is opened.

The lamp remains on when the tailgate is not completely closed.

NOTICE

Close the tailgate after use to prevent unnecessary battery discharge.

Wipers and washers



A. Wiper speed control

- **MIST**: Single wipe
- **OFF**: Off
- **AUTO**(if equipped): Auto control wipe.
- **INT**: Intermittent wipe.
- **LO**: Low wiper speed.
- **HI**: High wiper speed.

B. Intermittent or Auto control wipe time adjustment

C. Wash with brief wipes (front)

Front windscreen wipers

Operates as follows when the engine is turned on.

- **MIST**: For a single wiping cycle, push the lever downward and release. The wipers operate continuously if the lever is held in this position.
- **OFF**: Wipers are not in operation.
- **AUTO**(if equipped): The rain sensor located on the upper end of the windscreen glass senses the amount of rainfall and controls the wiping cycle for the proper interval. The more it rains, the faster the wiper operates. When the rain stops, the wiper stops. To vary the speed setting, turn the speed control knob.
- **INT**: Wiper operates intermittently at the same wiping intervals. To vary the speed setting, turn the speed control knob.
- **LO**: The wiper runs at a lower speed.
- **HI**: The wiper runs at a higher speed.

i Information

If there is heavy accumulation of snow or ice on the windscreen, defrost the windscreen for about 10 minutes, or until the snow and/or ice is removed before using the windscreen wipers to ensure proper operation.

If you do not remove the snow and/or ice before using the wiper and washer, it may damage the wiper and washer system.

AUTO (Automatic) control

 if equipped



The rain sensor located on the upper end of the windscreen glass senses the amount of rainfall and controls the wiping cycle for the proper interval.

The wiper operation time will be automatically controlled depending on rainfall.

When the rain stops, the wiper stops.

To vary the sensitivity setting, turn the sensitivity control knob.

If the wiper switch is set in AUTO mode when the Engine Start/Stop button is in the ON position, the wiper will operate once to perform a self-check of the system. Set the wiper to the OFF position when the wiper is not in use.

WARNING

To avoid personal injury from the windscreen wipers, when the engine is running and the windscreen wiper switch is placed in the AUTO mode:

- Do not touch the upper end of the windscreen glass facing the rain sensor.
- Do not wipe the upper end of the windscreen glass with a damp or wet cloth.
- Do not put pressure on the windscreen glass.

NOTICE

- When washing the vehicle, set the wiper switch in the OFF position to stop the auto wiper operation. The wiper may operate and be damaged if the switch is set in the AUTO mode whilst washing the vehicle.
- Do not remove the sensor cover located on the upper end of the passenger side windscreen glass. Damage to system components could occur and may not be covered by your vehicle warranty.
- Due to using a photo sensor, temporary malfunction could occur according to sudden ambient light change made by stone and dust whilst driving.

Front windscreen washers

Sedan



Shooting Brake



In the OFF position, pull the lever gently toward you to spray washer fluid on the windscreen and to run the wipers 1-3 cycles. The spray and wiper operation will continue until you release the lever. If the washer does not work, you may need to add washer fluid to the washer fluid reservoir.

Recirculating air when washer fluid is used

When washer fluid is used, in order to reduce any objectionable scent of the washer fluid from entering the cabin, recirculation mode and air conditioning are automatically activated depending on the outside temperature. If you select fresh mode whilst the function is operating, the function will resume after a certain amount of time. It may not work in some conditions such as cold weather or engine OFF.

For more information, refer to the “Climate control additional features” section in this chapter.

! WARNING

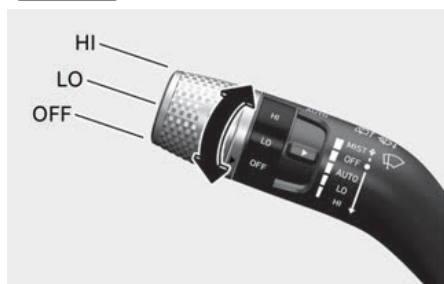
When the outside temperature is below freezing, ALWAYS warm the windscreen using the defroster to help prevent the washer fluid from freezing on the windscreen and obscuring your vision which could result in an accident and serious injury or death.

NOTICE

- To prevent possible damage to the washer pump, do not operate the washer when the fluid reservoir is empty.
- To prevent possible damage to the wipers or windscreen, do not operate the wipers when the windscreen is dry.
- To prevent damage to the wiper arms and other components, do not attempt to move the wipers manually.
- To prevent possible damage to the wipers and washer system, use anti-freezing washer fluids in the winter season or cold weather.

Rear windscreen wipers and washers

 if equipped



The rear window wiper and washer switch is located at the end of the wiper and washer switch lever. Turn the switch to the desired position to operate the rear wiper and washer.

- **HI:** High wiper speed
- **LO:** Low wiper speed
- **OFF:** Off



Push the lever away from you to spray rear washer fluid and to run the rear wipers 1- 3 cycles. The spray and wiper operation continues until you release the lever.

Auto rear wiper

 if equipped

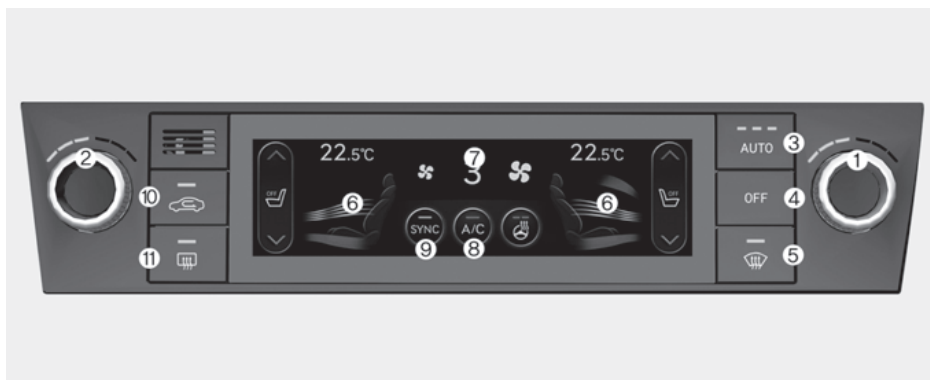
The rear wiper operates whilst the vehicle is in reverse with the front wiper on. You can select the function from the Settings menu in the infotainment system. Select:

- **Settings > Vehicle > Convenience > Auto rear wiper (reverse)**

i Information

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

Automatic climate control system



The switch arrangements may vary depending on which functions are applicable to your vehicle.

- (1) Driver's temperature control
- (2) Passenger's temperature control
- (3) AUTO (automatic control)
- (4) OFF (system off)
- (5) Front windscreen defroster
- (6) Mode selection
- (7) Blower speed control
- (8) A/C (air conditioning)
- (9) SYNC
- (10) Air intake control
- (11) Rear window defroster

Automatic temperature control mode

The Automatic Climate Control System is controlled by setting the desired temperature.

1. Press the AUTO button.



The mode selection, blower speed, air intake and air conditioning will be controlled automatically by the temperature setting you select.

2. When the climate control system is being automatically controlled, blower speed can be selected (Low/Medium/High).
 - HIGH: Use when quick heating or cooling is preferred.
 - MEDIUM: Use when medium blower speed is preferred for cooling or heating.
 - LOW: Use when low blower speed is preferred for cooling or heating.
3. Turn the temperature control knob to the desired temperature. If the temperature is set to the lowest setting (Lo), the air conditioning system will operate continuously. After the interior has cooled sufficiently, adjust the knob to a higher temperature set point whenever possible.

Passenger side/Driver side



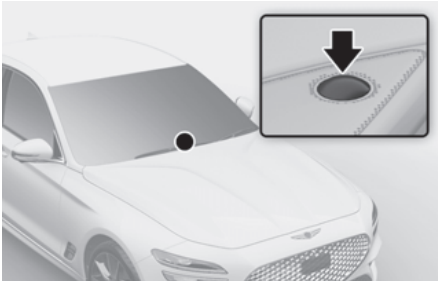
To turn the automatic operation off, select any function of the following:

- Mode selection button
- Front windscreen defroster button (Press the button one more time to deselect the front windscreen defroster function. The “AUTO” sign will illuminate on the climate information screen once again.)
- Blower speed control icon or knob
- A/C (air conditioning) icon
- Air intake control button

The selected function will be controlled manually whilst other functions operate automatically.

For your convenience and to improve the efficiency of the climate control, use the AUTO button and set the temperature to 22°C (72°F).

i Information



Never place anything near the sensor to ensure better control of the heating and cooling system.

Manual temperature control mode

The heating and cooling system can be controlled manually by pushing buttons other than the AUTO button. In this case, the system works sequentially according to the order of buttons selected.

When pressing any button except the AUTO button whilst using automatic operation, the functions not selected will be controlled automatically.

1. Start the vehicle.
2. Set the mode to the desired position.

To improve the effectiveness of heating and cooling, select the mode according to the following:

- Heating: 
- Cooling: 

3. Set the temperature control to the desired position.
4. Set the air intake control to Fresh or Recirculation mode.
5. Set the blower speed control to the desired speed.
6. If air conditioning is desired, turn the air conditioning system on.

7. Press the AUTO button to convert to full automatic control of the system.

The climate control system settings will be maintained, even when the vehicle is turned OFF. However, the climate control system settings will be initialised when the battery has been discharged, or when the cables have been disconnected.

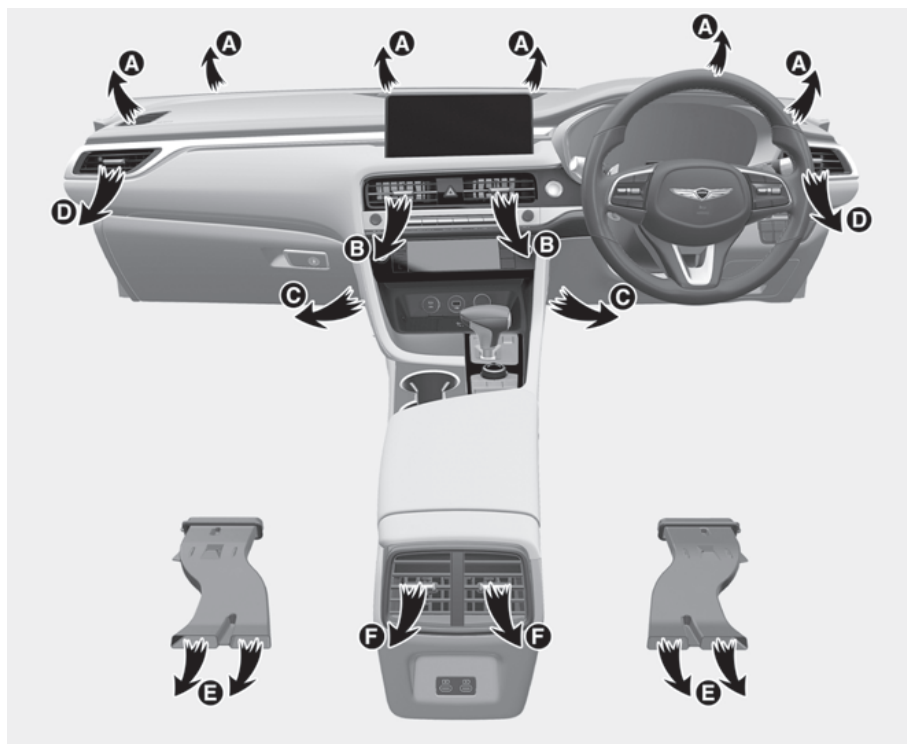
In this case, adjust the climate control system settings again.

Mode selection



- Touch the arrows on the climate control information screen to select air flow direction.
- Touch SYNC. The SYNC indicator light on the icon turns off, the air flow direction of the driver's seat, passenger seat, and rear seat can be controlled individually.

Air flow direction



Symbol	Operation	Direction
	Air flow is directed toward the upper body.	B, D, F
	Air flow is directed toward the upper body and face.	A, B, D, F
	Air flow is directed toward the upper body and floor.	B, C, D, E, F
	Air flow is directed toward the upper body, face and floor.	A, B, C, D, E, F
	Most of the air flow is directed to the floor, with a small amount of the air being directed to the windscreen and side window defrosters. This air flow direction is usually used when heating.	A, C, D, E, F
	Most of the air flow is directed to the floor and windscreen.	A, C, D, E, F
	Most of the air flow is directed to the windscreen.	A, D

Front windscreen defroster



Defrost-level (A, D)

Press the button, and the indicator light on the button will illuminate and the windscreen defroster indicator will appear on the climate control information screen.

Most of the air flow is directed to the windscreen with a small amount of air directed to the side window defrosters.

When Defogging logic is enabled, Fresh mode is selected and air conditioning is selected according to outside temperature.

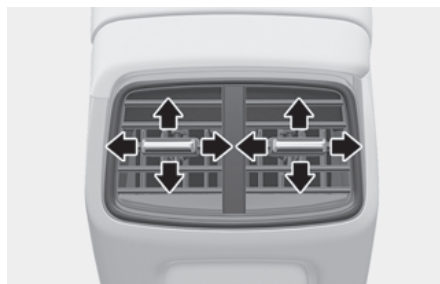
Press the button again, the indicator light will turn off and the previous settings will be selected.

Instrument panel vents

Front seat



Rear seat



The instrument panel vent air flow can be directed up/down or left/right using the vent adjustment lever.

The air flow can also be CLOSED using the vent adjustment lever.

Move the lever to ☒ position to close, and to ☑ position to open.

Temperature control

Passenger side/Driver side



- Turn the knob to the red side to increase the temperature. Turn the knob to the blue side to decrease temperature.
- Touch ^ or v icon on the infotainment system to select the temperature.

i Information

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

SYNC



Adjusting the driver and passenger side temperature equally

Touch the **SYNC** icon to adjust the driver and passenger side temperature equally. The button indicator will turn on.

Adjusting the driver and passenger side temperature individually

Touch the **SYNC** icon again to adjust the driver and passenger side temperature individually. The button indicator will turn off.

Temperature conversion

To change the temperature unit from °C to °F or °F to °C:

- Press and hold the **A/C** icon for 3 seconds then release. And within 5 seconds, touch the mode selection button for more than 3 seconds.
- Select **Settings > General > Units > Temperature > °C/°F** in the infotainment system.

i Information

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

Air intake control



The air intake control button is used to select either Fresh mode (outside air) or Recirculation mode (cabin air).

Recirculation mode



When Recirculation mode is selected, air from the passenger compartment will be recirculated through the system and heated or cooled according to the function selected.

Fresh mode



When Fresh mode is selected, air enters the vehicle from outside and is heated or cooled according to the function selected.

i Information

Using the system in the fresh air position is recommended.

Prolonged operation of the heater in the recirculated air position (without air conditioning selected) can cause fogging of the windscreen and side windows and the air within the passenger compartment will become stale.

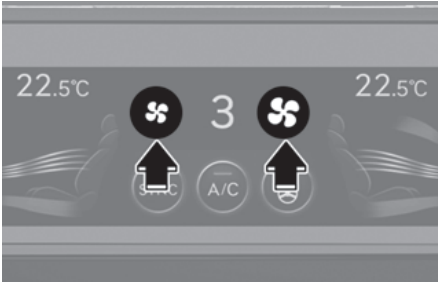
In addition, prolonged use of the air conditioning with the recirculated air position selected will result in excessively dry air in the passenger compartment.

WARNING

To prevent serious injury or death:

- Continued climate control system operation in the recirculated air position may allow humidity to increase inside the vehicle that could fog the windscreen and the side windows and obscure visibility.
- Do not sleep in a vehicle with the air conditioning or heating system on.
- Continued climate use of recirculated air may cause drowsiness or sleepiness, and loss of vehicle control. Set the air intake control to the outside (fresh) air position whilst driving.

Blower speed control

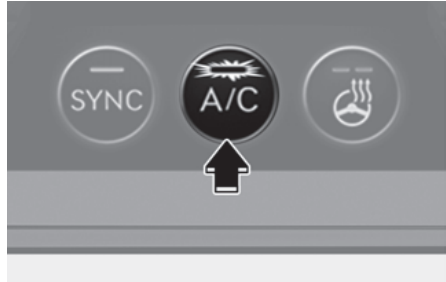


Touch the right icon to increase blower speed and airflow. Touch the left icon to decrease blower speed and airflow. Pressing the OFF button turns off the blower.

NOTICE

Operating the blower when the Engine Start/Stop button is in the ON position could cause the battery to discharge. Operate the blower when the engine is running.

Air conditioning



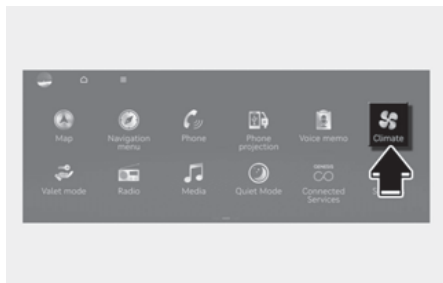
Touch the A/C icon to manually turn the air conditioning on (indicator light will illuminate) and off.

OFF mode



Press the OFF button to turn the climate control system off. You can still operate the mode and air intake buttons as long as the Engine Start/Stop button is in the ON position.

Climate control information screen



Select **Climate** on the infotainment system.



The climate control information screen appears.

System operation

Cooling/Ventilation

1. Select the Face Level  mode.
2. Set the air intake control to fresh or recirculation mode.
3. Set the temperature control to the desired position.
4. Set the blower speed control to the desired speed.

Heating

1. Select the Floor Level  mode.
2. Set the air intake control to fresh or recirculation mode.
3. Set the temperature control to the desired position.
4. Set the blower speed control to the desired speed.
5. If desired, turn the air conditioning ON with the temperature control knob set to heat in order to dehumidify the air before it enters into the cabin.

If the windscreen fogs up, select the Front Defrost  mode.

Operation Tips

- To keep dust or unpleasant fumes from entering the vehicle through the ventilation system, temporarily set the air intake control to the recirculation mode. Return the control to the to Fresh mode when the unpleasant air outside has diminished. This will help keep the driver alert and comfortable.
- To help prevent the inside of the windscreen from fogging, set the air intake control to fresh mode and the blower speed to the desired position, turn on the air conditioning system, and adjust the temperature control to the desired temperature.

Air conditioning

Your Genesis Vehicle air conditioning system is filled with R-134a refrigerant.

1. Start the vehicle.
2. Press the air conditioning button.
3. Set the mode to the Face Level  mode.
4. Set the air intake control to Recirculation mode temporarily to allow the cabin to cool quickly. When the desired temperature in the cabin is reached, change the air intake control back to Fresh mode.
5. Adjust the blower speed control and temperature control to maintain maximum comfort.

When maximum cooling is desired, set the temperature control to the lowest position, then set the blower speed control to the highest setting.

NOTICE

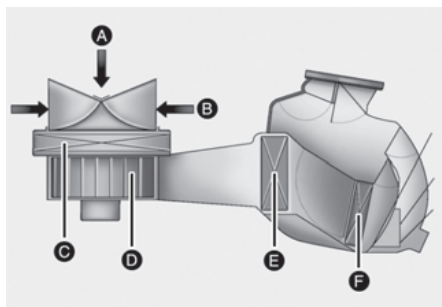
When using the air conditioning system, monitor the engine temperature gauge closely whilst driving up hills or in heavy traffic when outside temperatures are high. Air conditioning system operation when climbing a steep grade or in high outside ambient temperatures can cause engine overheating. Continue to use the fan, but turn the air conditioning system off if the engine temperature gauge indicates engine overheating.

Air conditioning system operation tips

- If the vehicle has been parked in direct sunlight during hot weather, open the windows for a short time to let the hot air inside the vehicle escape.
- After sufficient cooling has been achieved, switch back from recirculation mode to fresh mode.
- To help reduce moisture inside of the windows on rainy or humid days, decrease the humidity inside the vehicle by operating the air conditioning system with the windows and sunroof closed.
- Use the air conditioning system every month only for a few minutes to ensure maximum system performance.
- If you use the air conditioning excessively, the difference between the temperature of the outside air and that of the windscreen could cause the outer surface of the windscreen to fog up, causing loss of visibility. In this case, set the mode selection to the  position and blower speed control to the lowest speed.

System maintenance

Cabin air filter



- [A] Outside air
- [B] Recirculated air
- [C] Climate control air filter
- [D] Blower
- [E] Evaporator core
- [F] Heater core

The cabin air filter is installed behind the glove box. It filters the dust or other pollutants that enter the vehicle through the heating and air conditioning system.

We recommend that the cabin air filter be replaced by an authorised Genesis repairer according to the maintenance schedule. If the vehicle is being driven in severe conditions such as dusty or rough roads, more frequent cabin air filter inspections and changes are required.

If the air flow rate suddenly decreases, we recommend that the system be inspected at an authorised Genesis repairer.

Checking the amount of air conditioning refrigerant and compressor lubricant

If the amount of refrigerant is too low or too high, the performance of the air conditioning is reduced. We recommend that your vehicle be inspected by an authorised Genesis repairer.

NOTICE

It is important that the correct type and amount of oil and refrigerant is used. Otherwise, damage to the compressor and abnormal system operation may occur. To prevent damage, the air conditioning system in your vehicle should only be serviced by trained and certified technicians.

⚠ WARNING

Vehicles equipped with R-134a

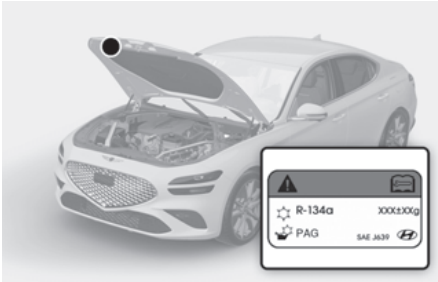


Since the refrigerant is operated at very high pressure, the air conditioning system should only be serviced by trained and certified technicians.

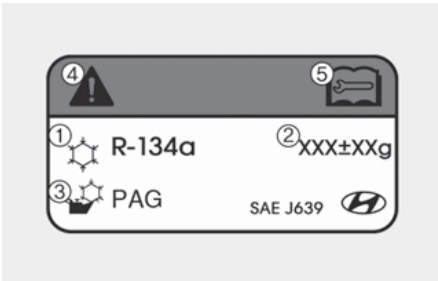
All refrigerants should be reclaimed with proper equipment.

Venting refrigerants directly to the atmosphere is harmful to individuals and environment. Failure to heed these warnings can lead to serious injuries.

Air Conditioning refrigerant label



You can find out which air conditioning refrigerant is applied to your vehicle on the label located inside of the bonnet.



Each symbol and specification on the air conditioning refrigerant label is represented as the following:

- (1) Classification of refrigerant
- (2) Amount of refrigerant
- (3) Classification of compressor lubricant
- (4) Caution
- (5) Service manual

Windscreen defrosting and defogging

⚠ WARNING

Windscreen heating

Do not use the  position during cooling operation in extremely humid weather.

The difference between the temperature of the outside air and that of the windscreen could cause the outer surface of the windscreen to fog up, causing loss of visibility could cause an accident resulting in serious injury or death. In this case, set the mode selection button to the

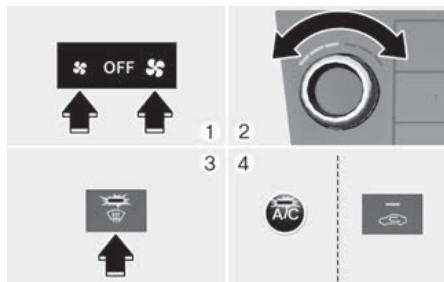
 position and blower speed control knob to a lower speed.

- For maximum defrost performance, set the temperature control to the highest temperature setting and the blower speed control to the highest setting.
- If warm air to the floor is desired whilst defrosting or defogging, set the mode to the floor-defrost position.
- Before driving, clear all snow and ice from the windscreen, rear window, outside rearview mirrors, and all side windows.
- Clear all snow and ice from the bonnet and air inlet in the cowl grill to improve heating and defrosting efficiency and to reduce the probability of fogging up the inside of the windscreen.

NOTICE

If the engine temperature is still cold after starting, then a brief engine warm up period may be required for the vented air flow to become warm or hot.

To defog inside windscreen

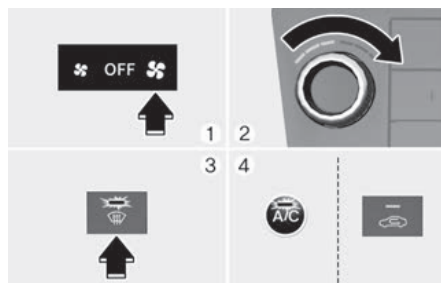


1. Select the desired blower speed.
2. Select the desired temperature.
3. Press the defroster button (🚗💨).
4. Fresh mode will be selected automatically.

Check to make sure the air intake control is in Fresh mode. If the air intake control indicator light is illuminated, press the button once to enable Fresh mode (indicator light OFF).

If the 🚗💨 position is selected, the blower speed is automatically increased.

To defrost outside windscreen



1. Set the blower speed to the highest (extreme right) position.
2. Set the temperature to the extreme hot (HI) position.
3. Press the defroster button (🚗💨).
4. Fresh mode will be selected automatically.

Check to make sure the air intake control is in Fresh mode. If the air intake control indicator light is illuminated, press the button once to enable Fresh mode (indicator light OFF).

If the 🚗💨 position is selected, lower blower speed is adjusted to a higher blower speed.

Defogging logic

To reduce the probability of fogging up the inside of the windscreen, the air intake or air conditioning are controlled automatically according to certain conditions such as  positions. To cancel or reset the defogging logic, do the following.

1. Press the Engine Start/Stop button to the ON position.
2. Press the defroster button ().
3. Press the air intake control button at least 5 times within 3 seconds.

The air intake control button indicator will blink 3 times to indicate that the defogging logic has been disabled. Repeat the steps again to re-enable the defogging logic.

If the battery has been discharged or disconnected, it resets to the defog logic status.

Rear window defroster

NOTICE

To prevent damage to the rear window defroster conducting elements bonded to the inside surface of the rear window, never use sharp instruments or window cleaners containing abrasives to clean the window.



The defroster heats the window to remove frost, fog and thin ice from the interior and exterior of the rear window, whilst the engine is running.

- To activate the rear window defroster, press the rear window defroster button located in the centre control panel. The indicator on the rear window defroster button illuminates when the defroster is ON.
- To turn off the defroster, press the rear window defroster button again.

i Information

- If there is heavy accumulation of snow on the rear window, brush it off before operating the rear defroster.
- The rear window defroster automatically turns off after about 20 minutes or when the Engine Start/Stop button is in the OFF position.

Outside rearview mirrors defroster

If your vehicle is equipped with the rearview mirror defrosters, they will operate at the same time you turn on the rear window defroster.

Climate control additional features

Air conditioning auto-drying

The Air conditioning auto-drying feature dries the moisture in the air conditioning and reduces air conditioning odour. The blower motor automatically operates 30 minutes after the engine is turned off.

Turning Air conditioning auto-drying on or off

The Air conditioning auto-drying feature can be turned on and off by selecting **Settings > Vehicle > Climate > Air conditioner auto-drying**.

i Information

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

If the operating condition is satisfied after setting the feature, the operating condition appears on the infotainment system and the blower motor automatically operates.

When the Air conditioning auto-drying feature is activated, the air conditioner sets the blower speed to the third level, selects outside (fresh) mode, and directs the air flow to the floor and the windscreen.

Operating conditions

The Air conditioning auto-drying feature operates under the following conditions:

- The vehicle is turned off after operating the air conditioning for a certain period.

- The battery level is sufficient and the outside temperature is above a certain level.

Non-operating conditions

The Air conditioning auto-drying feature stops operating under the following conditions:

- The A/C Automatic Drying feature has operated for 10 minutes.
- The Engine Start/Stop button is pressed, or the engine is on.
- The climate control system is operated remotely.

i Information

The Air conditioning auto-drying feature reduces air conditioning odours but may not remove all odours.

Auto defogging system



Auto defogging helps reduce the possibility of fogging up the inside of the windscreen by automatically sensing the moisture on inside the windscreen.

The auto defogging system operates when the heater or air conditioning is on.

i Information

The auto defogging system may not operate normally, when the outside temperature is below -10 °C (14 °F).



When the Auto Defogging System operates, the indicator will illuminate.

If a high amount of humidity is detected in the vehicle, the Auto Defogging System will be enabled. The following steps will be performed automatically:

1. Operating the air conditioning.
2. Outside air position
3. Blowing air flow toward the windscreen be changed according to the windscreen
4. Increasing air flow toward the windscreen (Step could be changed according to the outside temperature.)

If the air conditioning is off or recirculation mode is manually selected whilst Auto Defogging System is ON, the Auto Defogging System indicator will blink 3 times to signal that the manual operation has been cancelled.

Turning the Auto Defogging System ON or OFF

Climate control system

Press the front windscreen defroster button for 3 seconds when the Engine Start/Stop button is in the ON position. When the Auto Defogging System is turned off, the ADS OFF symbol will blink 3 times and ADS OFF appears on the climate control information screen.

When the Auto Defogging System is turned on, the ADS OFF symbol will blink 6 times without a signal.

Infotainment system

Auto Defogging System can be turned on and off by selecting **Settings > Vehicle > Climate > Defog/Defrost options > Auto defog** from the infotainment system.

i Information

- The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.
- When the air conditioning is turned on by Auto Defogging System, if you try to turn off the air conditioning, the indicator will blink 3 times and the air conditioning will not be turned off.
- To maintain the effectiveness and efficiency of the Auto Defogging System, do not select Recirculation mode whilst the system is operating.
- When Auto Defogging System is operating, blower speed adjustment, temperature adjustment, and air intake control selection are all disabled.

NOTICE

Do not remove the sensor cover located on the upper end of the windscreen glass. Damage to system parts could occur and may not be covered by your vehicle warranty.

Auto dehumidify

 if equipped

To increase cabin air quality and reduce windscreen misting, recirculation mode switches off automatically after about 5 to 30 minutes, depending on the outside temperature, and the air intake will change to fresh mode.

Turning Auto Dehumidify ON or OFF

Climate control system

To turn the Auto Dehumidify feature on or off, select Face level () mode and press the air intake control () button at least five times within three seconds. When Auto Dehumidify is turned on, the air intake control button indicator will blink 6 times. When turned off, the indicator will blink 3 times.

Infotainment system

Auto Dehumidify can be turned on and off by selecting **Settings > Vehicle > Climate > Automatic Ventilation > Auto Dehumidify** from the infotainment system.

i Information

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

Recirculating air when washer fluid is used

Recirculation mode automatically activates to reduce any objectionable scent of the washer fluid from entering the cabin when the windscreen washer is used.

Turning Activate upon Washer Fluid Use ON or OFF

Climate control system

To turn the Activate upon Washer Fluid Use feature on or off, select Floor level (👤) mode, and then press the air intake control (🚗) button 5 times within 3 seconds.

When Activate upon Washer Fluid Use ON is turned on, the air intake control button indicator will blink 6 times. When turned off, the indicator will blink 3 times.

Infotainment system

Activate upon Washer Fluid Use can be turned on and off by selecting **Settings > Vehicle > Climate > Internal air circulation > Activation on washer fluid use** from the infotainment system.

***i* Information**

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

However, in cold weather to prevent the windscreen from fogging up, the recirculation mode may not be selected.

Sunroof inside air recirculation

 If equipped

When the sunroof is opened, fresh mode will be automatically selected. At this time, if you press the air intake control button, recirculation mode will be selected but will change back to fresh mode after 3 minutes. When the sunroof is closed, the air intake position will return to the original position that was selected.

Warmer/ventilation based on climate settings (for driver's seat)

The temperature of the driver's seat warmer, air ventilated seat and heated steering wheel is automatically controlled depending on the inside and outside temperature of the vehicle when the engine is running.

To use these features, it must be enabled from the Settings menu in the infotainment system. Select:

- **Settings > Vehicle > Seat > Warmer/Ventilation features > Warmer/ventilation based on climate settings**

***i* Information**

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

For more information on Auto Comfort Control, refer to the "Seat warmers" and "Air ventilation seats" section in chapter 3 and "Heated steering wheel" section in chapter 5.

Climate touchscreen haptic intensity

Adjustment of the haptic intensity when using the climate touchscreen.

Climate touchscreen haptic intensity can be set by selecting

Settings > Vehicle > Climate > Climate Features > Climate touchscreen haptic intensity > Strong/Medium/Light/Off from the infotainment system.

i Information

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

Storage compartment

WARNING

Never store cigarette lighters, propane cylinders, or other flammable/explosive materials in the vehicle. These items may catch fire and/or explode if the vehicle is exposed to hot temperatures for extended periods.

WARNING

ALWAYS keep the storage compartment covers closed securely whilst driving. Items inside your vehicle are moving as fast as the vehicle. If you have to stop or turn quickly, or if there is a crash, the items may fly out of the compartment and may cause an injury if they strike the driver or a passenger.

NOTICE

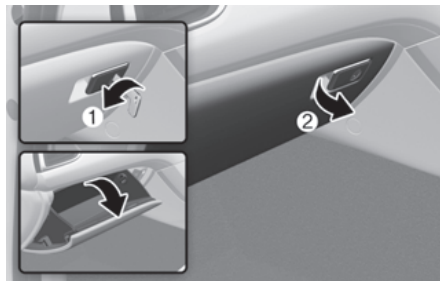
To avoid possible theft, do not leave valuables in the storage compartments.

Centre console storage



To open:
Press the button.

Glove box



The glove box can be locked and unlocked with the mechanical key (1) .

To open:
Pull the lever (2).

WARNING

ALWAYS close the glove box door after use.

An open glove box door can cause serious injury to the passenger in an accident, even if the passenger is wearing a seat belt.

Sunglasses holder



To open:

Push and release the cover and the holder will slowly open. Place your sunglasses in the compartment door with the lenses facing out.

To close:

Push back into position.

Make sure the sunglasses holder is closed whilst driving.

WARNING

- Do not keep objects except sunglasses inside the sunglass holder. Such objects can be thrown from the holder in the event of a sudden stop or an accident, possibly injuring the passengers in the vehicle.
- Do not open the sunglasses holder whilst the vehicle is moving. The rear view mirror of the vehicle can be blocked by an open sunglasses holder.
- Do not put the glasses forcibly into a sunglasses holder. It may cause personal injury if you try to open it forcibly when the glasses are jammed in holder.

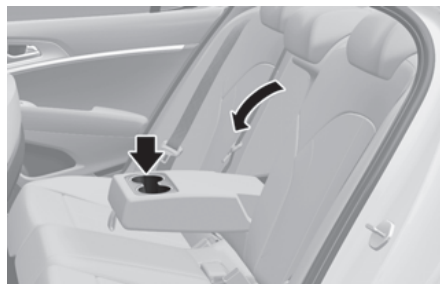
Interior features

Cup holder

Front



Rear



Cups or small beverages cups may be placed in the cup holders.

WARNING

- Avoid abrupt starting and braking when the cup holder is in use to prevent spilling your drink. If hot liquid spills, you could be burned. Such a burn to the driver could cause loss of vehicle control resulting in an accident.
 - Do not place uncovered or unsecured cups, bottles, cans, etc., in the cup holder containing hot liquid whilst the vehicle is in motion. Injuries may result in the event of a sudden stop or collision.
 - Only use soft cups in the cup holders. Hard objects can injure you in an accident.
-

WARNING

Keep cans or bottles out of direct sun light and do not put them in a hot vehicle. They may explode.

NOTICE

- Keep your drinks sealed whilst driving to prevent spilling your drink. If liquid spills, it may get into the vehicle's electrical/electronic system and damage electrical/electronic parts.
 - When cleaning spilled liquids do not use hot air to blow out or dry the cup holder. This may damage the interior.
-

Ashtray

 If equipped



To use the ashtray, open the cover.

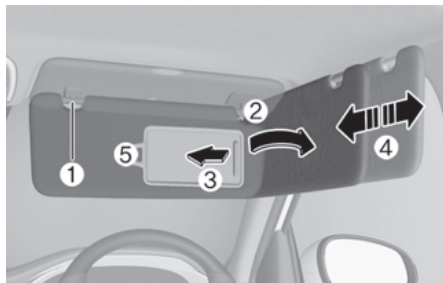
To clean the ashtray:

The plastic receptacle should be removed by lifting the plastic ashtray receptacle upward after turning the cover anti-clockwise and pulling it out.

WARNING

Putting lit cigarettes or matches in an ashtray with other combustible materials may cause a fire.

Sunvisor



To use the sunvisor, pull it downward.

To use the sunvisor to block the sun from the side window, pull it downward, release it from the bracket (1) and swing it to the side (2) towards the window.

To use the vanity mirror, pull down the sunvisor and slide the mirror cover (3).

Adjust the sunvisor forward or rearward (4) as needed. Use the ticket holder (5) to hold tickets.

Close the vanity mirror cover securely and return the sunvisor to its original position after use.

WARNING

Do not block your view when using the sunvisor.

Information

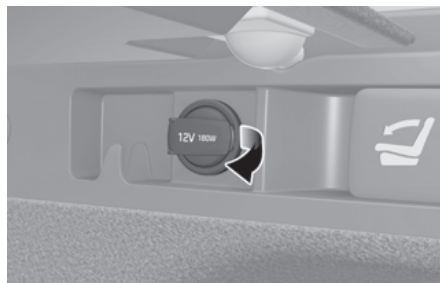
- The tab (5) adjacent to the vanity mirror on the sunvisor can be used for toll road tickets or self parking tickets. Use caution when inserting tickets into the ticket holder to avoid damage. Refrain from putting several tickets in the ticket holder as this could also damage the retaining tab.
- Always close the mirror cover when the vanity mirror is not in use. If the sunvisor is closed without the lamp off, it may discharge the battery or damage the sunvisor.

Power outlet

Front



Tailgate (Shooting Brake)



The power outlet is designed to provide power for mobile telephones or other devices designed to operate with vehicle electrical systems. The devices should draw less than 180 W with the engine running.

WARNING

Avoid electrical shocks. Do not place your fingers or foreign objects (pin, etc.) into a power outlet or touch the power outlet with a wet hand.

NOTICE

To prevent damage to the power outlets:

- Use the power outlet only when the engine is running and remove the accessory plug after use. Using the accessory plug for prolonged periods of time with the engine off may cause the battery to discharge.
- Only use 12V electric accessories which are less than 180 W in electric capacity.
- Adjust the air conditioning or heater to the lowest operating level when using the power outlet.
- Close the cover when not used.
- Some electronic devices can cause electronic interference when plugged into a vehicle's power outlet. These devices may cause excessive audio static and malfunctions in other electronic systems or devices used in your vehicle.
- Push the plug in as far as it goes. If good contact is not made, the plug may overheat and the fuse may open.
- Only connect devices with reverse current protection or the current from the device battery may cause the vehicle's electrical/electronic system to malfunction.

USB charger

 If equipped

The USB charger is designed to recharge batteries of small size electrical devices using a USB cable.

Front A



Front B



Rear



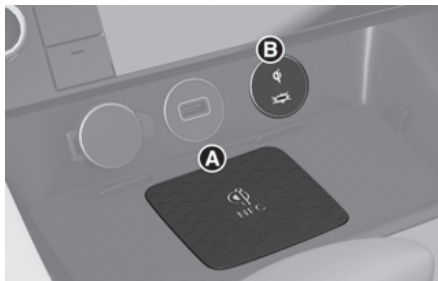
The electrical devices can be recharged when the Engine Start/Stop button is in the ON (or START) position.

- The battery charging state may be monitored on the electrical device.
- Disconnect the USB cable from the USB port after use.

- A smartphone or a tablet PC may get warmer during the re-charging process. It does not indicate any malfunction with the charging system.
- A smartphone or a tablet PC, which adopts a different re-charging method, may not be properly re-charged. In this case, use the exclusive charger of your device.
- Charging may not be possible when using a Type-C to A converter sold by a mobile phone manufacturer or commercially available.
- The charging terminal is only to recharge a device. Do not use the charging terminal either to turn ON an audio or to play media in the infotainment system.
- The use of non-genuine parts may damage the USB port and infotainment system. Damage cannot be covered by your vehicle warranty.

Wireless smartphone charging system

 if equipped



[A] Charging pad
[B] Indicator light

i Information

- Use the USB charger when the engine is running. Using USB charger for prolonged periods of time with the engine off could cause the battery to discharge.
- To prevent damage to the USB charger:
 - Do not insert foreign objects or spill liquid into the outlet. The USB charging terminal may be damaged.
 - Do not use devices with current consumption exceeding 3,000mA (3.0 A).
- When charging an electrical device by using an USB converting adapter (C to A type), use a genuine adapter specified for your vehicle. A commonly used adapter is not equipped with any measures to prevent over current and maintain stability.

Using an unspecified cable may damage the vehicle's USB charger or the connected devices. Contact an authorised Genesis repairer for more information on accessories for vehicles.

Charging smartphone

The wireless smartphone charging system charges only the Qi-enabled smartphones (📶). Read the label on the smartphone accessory cover or visit your smartphone manufacturer's website to check whether your smartphone supports the Qi technology.

The wireless charging process starts when you put a Qi-enabled smartphone on the wireless charging with the screen facing up.

1. Remove other items, including the smart key, from the wireless charging unit. If not, the wireless charging process may be interrupted.
2. The system is available when all doors are closed, and when the Start/Stop button is in the ON or START position.

3. Turn on the wireless charging function in the infotainment system.

- Select **Settings > Vehicle > Convenience > Wireless Charging**

4. Place the smartphone on the centre of the wireless charging pad. The indicator light is orange when the smartphone is charging and turns green when phone charging is complete.

If your smartphone is not charging:

- Slightly change the position of the smartphone on the charging pad.
- Make sure the indicator light is orange.

The indicator light will blink orange for 10 seconds if there is a malfunction in the wireless charging system.

In this case, temporarily stop the charging process, and re-attempt to charge your smartphone again.

The system warns you with a message on the display if the smartphone is still on the wireless charging unit after the vehicle is turned OFF and the front door is opened.

For some manufacturer's smartphones, the system may not warn you even though the smartphone is left on the wireless charging unit. This is due to the particular characteristic of the smartphone and not a malfunction of the wireless charging.

NOTICE

- The wireless smartphone charging system may not support certain smartphones, which are not verified for the Qi specification (Φ).
- When placing your smartphone on the charging pad, position the phone in the middle of the mat for optimal charging performance. If your smartphone is off to the side, the charging rate may be less and in some cases the smartphone may experience higher heat conduction.
- Wireless charging may stop temporarily when the smart key is used, either when starting the vehicle or locking/unlocking the doors, etc.
- When charging certain smartphones, the charging indicator may not change to blue when the smartphone is fully charged.
- The wireless charging process may temporarily stop, when temperature abnormally increases inside the wireless smartphone charging system. The wireless charging process restarts, when temperature falls to a certain level.
- If any metallic object, such as coins, are located between the wireless charging system and the smartphone, the charging may be disrupted. Also, the metallic object may heat up.
- When charging some smartphones with a self-protection feature, the wireless charging speed may decrease and the wireless charging may stop.
- If the smartphone has a thick cover, the wireless charging may not be possible.
- If the smartphone is not completely contacting the charging pad, wireless charging may not operate properly.
- Smartphones that do not have built-in wireless charging need to purchase accessories.

- Some magnetic items like credit cards, phone cards or rail tickets may be damaged if left with the smartphone during the charging process.
- When any smartphone without a wireless charging function or a metallic object is placed on the charging pad, a small noise may sound. This small sound is due to the vehicle discerning compatibility of the object placed on the charging pad. It does not affect your vehicle or the smartphone in any way.
- Some smartphones may not be able to charge depending on the internal structure of the smartphone. If this occurs, try charging the smartphone by moving it to the left or right side of the wireless charging pad. However, for some fold-able smartphones that have magnets inside the smartphone, try charging the smartphone whilst holding it close to the left side of the wireless charging pad.
- For flip type smartphones, when using wireless charging, place the smartphone folded with the device's back placed on the centre of the wireless charging unit.
- During wireless charging, an internal fan operates to prevent overheating. Fan noise may sound.

i Information

If the Engine Start/Stop button is in the OFF position, the charging also stops.

Clock

The clock can be set from the infotainment system.

i Information

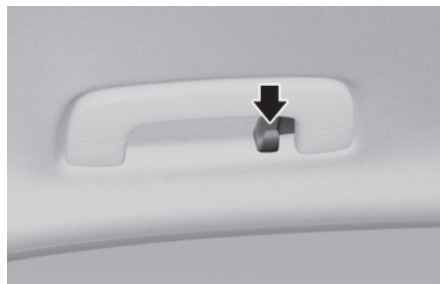
The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

WARNING

Do not attempt to adjust the clock whilst driving.

Coat hook

Type A

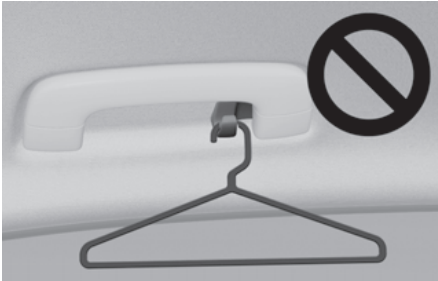


Type B



These hooks are not designed to hold large or heavy items.

⚠ WARNING



Do not hang other objects such as hangers or hard objects except clothes. Also, do not put heavy, sharp or breakable objects in the clothes pockets. In an accident or when the curtain airbag is inflated, it may cause vehicle damage or personal injury.

Floor mat anchor(s)

ALWAYS use the Floor Mat Anchors to attach the front floor mats to the vehicle. The anchors on the front floor carpet keep the floor mats from sliding forward.

⚠ WARNING

Do not overlay additional mats or liners over the floor mats. If using All Weather mats, remove the carpeted floor mats before installing them. Only use floor mats designed to connect to the anchors.

⚠ WARNING

The following must be observed when installing ANY floor mat to the vehicle.

- Ensure you remove the protective film attached on the carpet before attaching a floor mat on the front floor carpet. Otherwise, the floor mat may move freely on the protective film and it could result in unintentional braking or accelerating.
- Ensure that the floor mats are securely attached to the vehicle's floor mat anchor(s) before driving the vehicle.
- Do not use ANY floor mat that cannot be firmly attached to the vehicle's floor mat anchors.
- Do not stack floor mats on top of one another (e.g. all-weather rubber mat on top of a carpeted floor mat). Only a single floor mat should be installed in each position.

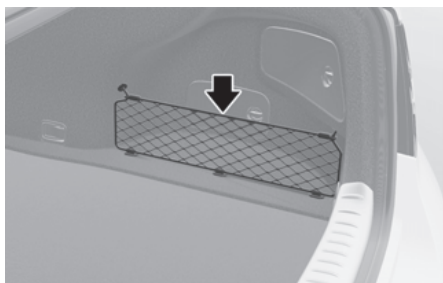
IMPORTANT Your vehicle was manufactured with driver's side floor mat anchors that are designed to securely hold the floor mat in place. To avoid any interference with pedal operation, Genesis Vehicle recommends that the Genesis floor mat designed for use in your vehicle be installed.

Luggage net holder

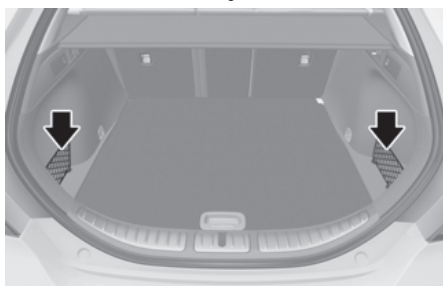
 if equipped



Sedan



Shooting Brake



To keep items from shifting in the luggage compartment, you can use the 4 holders located in the luggage board to attach the luggage net.

Make sure the luggage net is securely attached to the holders in the luggage board.

If necessary, we recommend that you contact your authorised Genesis repairer to obtain a luggage net.

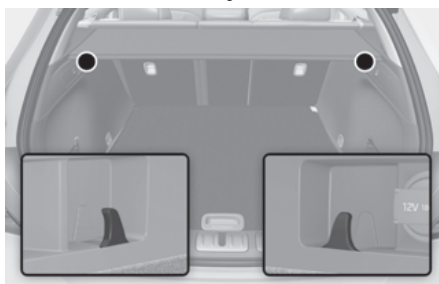
WARNING

- Avoid eye injury. DO NOT overstretch the luggage net. ALWAYS keep your face and body out of the luggage net's recoil path. DO NOT use the luggage net when the strap has visible signs of wear or damage.
- Use the luggage net to keep only light items from shifting in the luggage compartment.

Shopping holder

 if equipped

Shooting Brake



The shopping holders are located on the left and right side of the luggage compartment.

CAUTION

- Do not hang a bag weighing more than 3 kg. It may cause damage to the shopping holder.
- Do not hang fragile objects when you drive on rough roads, the objects may be damaged.

Infotainment system

NOTICE

- If you install an aftermarket HID head lamp, your vehicle's audio and electronic devices may not function properly.
- Prevent chemicals such as perfume, cosmetic oil, sun cream, hand cleaner, and air freshener from contacting the interior parts because they may cause damage or discolouration.

USB Port



- You can use an USB cable to connect audio devices to the vehicle USB port.
- After connecting a media storage device such as a MP3 or USB to the USB port, you can listen to music through the vehicle's speakers or play it on the infotainment system.
- Small electronic devices can be charged.

i Information

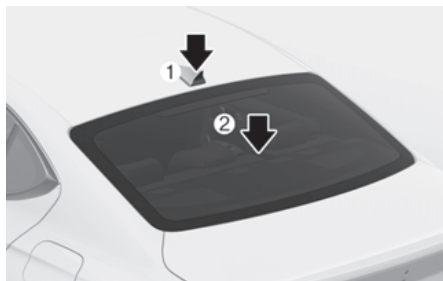
- Some devices may not be charged through USB port.
- When using a portable audio device connected to the power outlet, noise may occur during playback. If this happens, disconnect the USB cable and use the portable audio device's power source.

i Information

- When connecting a Type-A USB or a memory device to a vehicle, use a genuine converting adapter (C to A type) specified for your vehicle. A commonly used adapter is not equipped with any measures to reduce noise, prevent overcurrent and maintain stability. Connecting an unspecified cable may damage the vehicle's USB port or the connected devices. Contact an authorised Genesis repairer for more information on accessories for vehicles.
- The use of non-genuine parts may damage the USB port and infotainment system. Damage cannot be covered by your vehicle warranty.

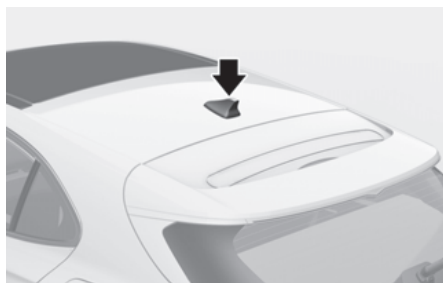
Antenna

Sedan



- (1) Shark fin antenna: The shark fin antenna receives transmitted data. (for example: tms, GNSS, LTE, etc)
- (2) Glass antenna: Your vehicle uses a glass antenna to receive both AM and FM signals.

Shooting Brake



The shark fin antenna will receive AM, FM broadcast signals and transmit data.

Steering wheel remote controls



NOTICE

Do not operate multiple audio remote control buttons simultaneously.

VOLUME (VOL + / VOL -) (1)

- Rotate the VOLUME scroll up to increase volume.
- Rotate the VOLUME scroll down to decrease volume.

SEEK/PRESET (∧ / ∨) (2)

If the SEEK/PRESET switch is pressed up or down and held for 0.8 second or more, it will function in the following modes:

RADIO mode

It will function as the AUTO SEEK select button. It will SEEK until you release the button.

MEDIA mode

It will function as the FF/RW button.

If the SEEK/PRESET switch is pressed up or down, it will function in the following modes:

RADIO mode

It will function as the PRESET STATION UP/DOWN button.

MEDIA mode

It will function as the TRACK UP/DOWN button.

MODE (3)

Press the MODE button to toggle through Radio or AUX modes.

MUTE (🔇) (4)

Press the VOLUME lever to mute or activate the sound.

***i* Information**

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

Infotainment system



***i* Information**

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

Voice recognition



***i* Information**

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

Bluetooth® Wireless Technology



- (1) Call/Answer/Call end button
(2) Microphone

i Information

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

CAUTION

To avoid driver distractions, do not excessively operate the device whilst driving the vehicle which may lead to an accident.

Genesis Connected Services

 if equipped



i Information

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

Lexicon premium sound system

 if equipped

CAUTION

Lexicon premium sound system is equipped with door speaker grills made of stainless steel. The grill surface can become hot when the vehicle is exposed to hot weather for a long period of time. Keep away from the speaker grill when it is hot.

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Before driving

WARNING

Carbon monoxide (CO) gas is toxic. Breathing CO may cause unconsciousness and death.

Engine exhaust contains carbon monoxide that cannot be seen or smelled.

Do not inhale engine exhaust.

If at any time you smell engine exhaust inside the vehicle, open the windows immediately. Exposure to CO may cause unconsciousness and death by asphyxiation.

Make sure the exhaust system does not leak.

Be sure to check the exhaust system whenever the vehicle is raised to change the oil or for any other purposes. If you hear a change in the sound of the exhaust or drive over something that strikes the underneath side of the vehicle, we recommend that the exhaust system be inspected as soon as possible by an authorised Genesis repairer.

Do not run the engine in an enclosed area.

Letting the engine idle in your garage, even with the garage door open, is a hazardous practice. Run the engine only long enough to start the engine and to move the vehicle out of the garage.

Avoid idling the engine for an extended period of time with people inside the vehicle.

If it is necessary to idle the engine for a long time with people inside the vehicle, be sure to do so only in an open area with the air intake set at “Fresh” and fan control set to high so fresh air is drawn into the interior.

Keep the air intakes clear.

To ensure proper operation of the ventilation system, keep the ventilation air intakes located in front of the windscreen clear of snow, ice, leaves, or other obstructions.

If you must drive with the boot (or tailgate) open:

Close all windows.

Open instrument panel air vents.

Set the air intake control at “Fresh”, the air flow control at “Floor” or “Face”, and the fan control set to high.

Before entering the vehicle

- Be sure all windows, outside mirrors, and outside lights are clean and unobstructed.
- Remove frost, snow, or ice.
- Visually check the tyres for uneven wear and damage.
- Check under the vehicle for any sign of leaks.
- Be sure there are no obstacles behind you if you intend to reverse.

Before starting

- Make sure the bonnet, the boot (or tailgate), and the doors are securely closed and locked.
- Adjust the position of the seat and steering wheel.
- Adjust the inside and outside rearview mirrors.
- Verify all the lights work.
- Fasten your seat belt. Check that all passengers have fastened their seat belts.
- Check the gauges and indicators in the instrument panel and the messages on the instrument display when the Engine Start/Stop button is in the ON position.
- Check that any items you are carrying are stored properly or fastened down securely.

WARNING

To reduce the risk of **SERIOUS INJURY** or **DEATH**, take the following precautions:

- **ALWAYS** wear your seat belt. All passengers must be properly restrained whenever the vehicle is moving. For more information, refer to “Seat belts” section in chapter 3.
- Always drive defensively. Assume other drivers or pedestrians may be careless and make mistakes.
- Stay focused on the task of driving. Driver distraction can cause accidents.
- Leave plenty of space between you and the vehicle in front of you.

WARNING

NEVER drink or take drugs and drive.

Drinking or taking drugs and driving is dangerous and may result in an accident and **SERIOUS INJURY** or **DEATH**.

Drunk driving is a significant contributor to the highway death toll each year. Even a small amount of alcohol will affect your reflexes, perceptions and judgment. Just one drink can reduce your ability to respond to changing conditions and emergencies. Your reaction time gets worse with each additional drink.

Driving whilst under the influence of drugs is as dangerous as or more dangerous than driving under the influence of alcohol.

You are much more likely to have a serious accident if you drink or take drugs and drive. If you are drinking or taking drugs, don't drive. Do not travel with a driver who has been drinking or taking drugs. Choose a designated driver or call a taxi.

Engine Start/Stop button



Whenever the front door is opened, the Engine Start/Stop button will illuminate and will go off 30 seconds after the door is closed.

WARNING

To turn the vehicle off in an emergency: Press and hold the Engine Start/Stop button for more than two seconds OR Rapidly press and release the Engine Start/ Stop button three times (within three seconds).

If the vehicle is still moving, you can restart the vehicle without pressing the brake pedal by pressing the Engine Start/Stop button with the gear in the N (Neutral) position.

WARNING

- NEVER press the Engine Start/Stop button whilst the vehicle is in motion except in an emergency. This will result in the vehicle turning off and loss of power assist for the steering and brake systems. This may lead to loss of directional control and braking function, which could cause an accident.
- Before leaving the driver's seat, always make sure the gear is in the P (Park) position, set the parking brake, press the Engine Start/Stop button to the OFF position, and take the Smart Key with you. Unexpected vehicle movement may occur if these precautions are not followed.
- NEVER reach through the steering wheel for the Engine Start/Stop button or any other control whilst the vehicle is in motion. The presence of your hand or arm in this area may cause a loss of vehicle control resulting in an accident.

Engine Stop/Start button positions

Button Position	Action	Notes
OFF	To turn off the engine, press the Engine Start/Stop button with the vehicle shifted to P (Park). If the Engine Start/Stop button is pressed with the vehicle shifted to D (Drive), R (Reverse), or N (Neutral), the gear automatically shifts to P (Park). The steering wheel locks to protect the vehicle from theft.	If the steering wheel is not locked properly when you open the driver's door, the warning chime will sound.
ACC	Press the Engine Start/Stop button when the button is in the OFF position without pressing the brake pedal. Some of the electrical accessories are usable. The steering wheel unlocks.	- If you leave the Engine Start/Stop button in the ACC position for more than one hour, the battery power will turn off automatically to prevent the battery from discharging. - If the steering wheel doesn't unlock properly, the Engine Start/Stop button will not work. Press the Engine Start/Stop button whilst turning the steering wheel right and left to release.
ON	Press the Engine Start/Stop button whilst it is in the ACC position without pressing the brake pedal. The warning lights can be checked before the engine is started.	Do not leave the Engine Start/Stop button in the ON position when the engine is not running to prevent the battery from discharging.
START	To start the engine, press the brake pedal and press the Engine Start/Stop button with the gear shifted to the P (Park) or the N (Neutral) position. For your safety, start the engine with the gear shifted to the P (Park) position.	If you press the Engine Start/Stop button without pressing the brake pedal, the engine does not start and the Engine Start/Stop button changes as follows: OFF > ACC > ON > OFF or ACC

i Information

To prevent vehicle battery discharge, the Engine Start/Stop button changes to the OFF position when the Engine Start/Stop button is in the ACC or ON position with the vehicle in P (Park) for a certain period of time. When the function operates, the tail lamps will turn off. To use the tail lamps again, turn the headlamp switch located on the steering column to the OFF and ON position again.

Starting the engine

WARNING

- Always wear appropriate shoes when operating your vehicle. Unsuitable shoes, such as high heels, ski boots, sandals, thongs, etc., may interfere with your ability to use the brake and accelerator pedals.
- Do not start the vehicle with the accelerator pedal pressed.
The vehicle can move which can lead to an accident.
- Wait until the engine rpm is normal. The vehicle may suddenly move if the brake pedal is released when the rpm is high.

WARNING

People with medical devices such as implanted pacemakers or cardiac defibrillators should not carry the smart key near the heart. The smart key system may affect the operation of such implanted medical devices. Failure to do so may result in interference with the medical device, which could result in serious injury.

i Information

- The vehicle will start by pressing the Engine Start/Stop button, only when the smart key is in the vehicle.
- Even if the smart key is in the vehicle, if it is far away from the driver, the engine may not start.
- When the Engine Start/Stop button is in the ACC or ON position, if any door is open, the system checks for the smart key. When the smart key is not in the vehicle, the  indicator will blink and the warning "**Key not in vehicle**" will come on. When all doors are closed, the chime will also sound for about 5 seconds. Keep the smart key in the vehicle.

Starting the petrol engine

1. Always carry the smart key with you.
2. Make sure the parking brake is applied.
3. Make sure the gear is shifted to P (Park) by pressing the P button.
4. Press the brake pedal.
5. Press the Engine Start/Stop button.

i Information

- Do not wait for the engine to warm up whilst the vehicle remains stationary.
Start driving at moderate engine speeds. Steep accelerating and decelerating should be avoided.
- Always start the vehicle with your foot on the brake pedal. Do not press the accelerator whilst starting the vehicle. Do not race the engine whilst warming it up.

Starting and stopping the engine with turbocharger intercooler

1. Do not race or accelerate the engine immediately after starting the engine. If the engine is cold, idle for several seconds to ensure sufficient lubrication in the turbocharger unit.
2. After high speed or extended driving that requires heavy engine load, idle the engine about 1 minute before turning the engine off. This idle time will allow the turbocharger to cool prior to shutting the engine off.

NOTICE

Do not turn off the engine immediately after it has been subjected to a heavy load. Doing so may cause severe damage to the engine or turbocharger unit.

NOTICE

To prevent damage to the vehicle:

- If the engine stalls whilst you are in motion, do not attempt to shift the gear to the P (Park) position.

If traffic and road conditions permit, you may put the gear in N (Neutral) whilst the vehicle is still moving and press the Engine Start/Stop button in an attempt to restart the engine.

- Do not push or tow your vehicle to start the vehicle.

NOTICE

To prevent damage to the vehicle:

Do not press the Engine Start/Stop button for more than 10 seconds except when the stop lamp fuse is blown.

When the stop lamp fuse is blown, you cannot start the engine as usual. Replace the fuse with a new one. If you are not able to replace the fuse, you can start the engine by pressing and holding the Engine Start/Stop button for 10 seconds with the Engine Start/Stop button in the ACC position.

For your safety always press the brake pedal before starting the vehicle.

Emergency starting



If the smart key battery is weak or the smart key does not work correctly, you can start the engine by pressing the Engine Start/Stop button with the smart key in the direction of the image above.

Turning off the engine

1. Stop the vehicle and press the brake pedal fully.
2. Press the P button to shift to P (Park).
3. Press the Engine Start/Stop button to the OFF position and apply the parking brake.

Remote start



You can start the vehicle using the remote start () button of the smart key.

To start the vehicle remotely:

1. Press the door lock button within 10 m from the vehicle.
 2. Press the remote start () button for over 2 seconds within 4 seconds after locking the doors.
 3. To turn off the remote start function, press the remote start () button once.
- The remote start () button may not operate if the smart key is not within 10 m.
 - The vehicle will not remotely start if the bonnet or boot (or tailgate) are opened.
 - The vehicle must be in P (Park) for the remote start function to start.
 - The engine turns off if you get in the vehicle without a registered smart key.
 - The engine turns off if you do not get in the vehicle within 10 minutes after remotely starting the vehicle.
 - Do not idle the engine for a long period.

Automatic transmission



- [A] UNLOCK button
- [B] P button
- [C] Shift lever

When you move the shift lever, press the brake pedal whilst pressing the **UNLOCK** button.

Automatic transmission operation

The automatic transmission has eight forward speeds and one reverse speed.

The individual speeds are selected automatically in the D (Drive) position.

WARNING

To reduce the risk of serious injury or death:

- ALWAYS check the area surrounding your vehicle for people, especially children, before shifting a vehicle into D (Drive) or R (Reverse).
- Before leaving the driver's seat, always make sure the vehicle is shifted to the P (Park) position, then apply the parking brake, then press the Engine Start/Stop button to the OFF position. Unexpected and sudden vehicle movement can occur if these precautions are not followed.
- When using the paddle shifter (manual shift mode), do not use engine braking (shifting from a high gear to lower gear) rapidly on slippery roads. The vehicle may slip causing an accident.

Transmission ranges

The indicator in the instrument cluster displays the gear position when the Engine Start/Stop button is in the ON position.

However, if the gear is in N (Neutral) or P (Park), the position appears on the instrument cluster when the Engine Start/Stop button is in the OFF or ACC position.

P (Park)

Always come to a complete stop before shifting into P (Park).



To shift the gear to P (Park), press the **P** button whilst pressing the brake pedal.

If you turn the engine off in R (Reverse), N (Neutral) or D (Drive), the gear will automatically shift to P (Park).

WARNING

- Shifting into P (Park) whilst the vehicle is in motion may cause you to lose control of the vehicle.
- After the vehicle has stopped, always make sure the vehicle is in P (Park), apply the parking brake, and turn the engine off.
- When parking on an incline, shift the gear to P (Park) and apply the parking brake to prevent the vehicle from rolling downhill.

Automatic gear shift to P (Park)

The gear is shifted to P (Park) automatically for safety reasons under the following conditions:

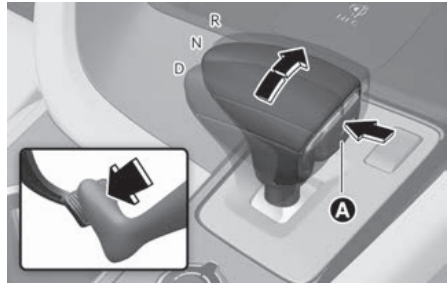
- When the engine is turned off with the vehicle in R (Reverse), D (Drive) or N (Neutral).
- When the driver's door is opened with the vehicle in D (Drive) or R (Reverse) with the seat belt unfastened and the vehicle is at a standstill.
- When the driver's door is opened with the vehicle in N (Neutral) and the vehicle is turned off.

In situations the gear must be in P (Park), always check if the gear is shifted to P (Park) by looking on the instrument cluster.

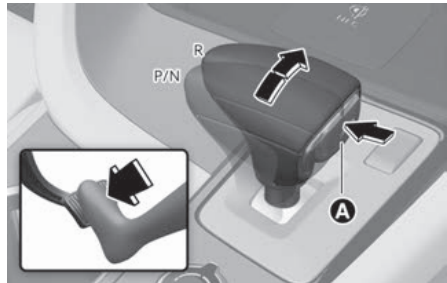
R (Reverse)

Use this position to drive the vehicle rearward.

D (Drive) to R (Reverse)



P (Park), N (Neutral) to R (Reverse)



[A] Unlock Button

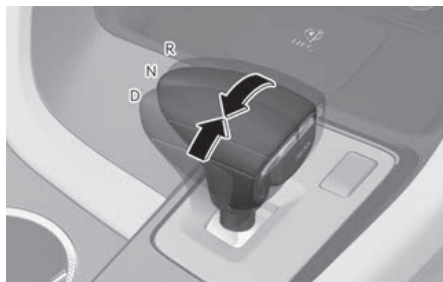
To move the shift lever to R (Reverse), press the **UNLOCK** button [A] whilst pressing the brake pedal and then move the shift lever forward.

NOTICE

Always come to a complete stop before shifting into or out of R (Reverse); you may damage the transmission if you shift into R (Reverse) whilst the vehicle is in motion.

N (Neutral)

The wheels and transmission are not engaged.



Use N (Neutral) if you need to restart a stalled engine.

Shift into P (Park) if you need to leave your vehicle for any reason.

Always press the brake pedal when you are shifting from N (Neutral) to another gear.

In N (Neutral), if the driver attempts to turn off the engine, the transmission remains in the N (Neutral) position and the Engine Start/Stop button will be in the ACC position.

To turn off the engine from the ACC position, press the Engine Start/Stop button to the ON position, press the **P** button, and then press the Engine Start/Stop button to the OFF position.

When either the driver's door or the front passenger's door is opened with the Engine Start/Stop button in the ACC position and the shift lever in N (Neutral) position, the engine is automatically turned OFF and the transmission automatically changes to the P (Park) position.

WARNING

- Do not shift into gear unless your foot is firmly on the brake pedal. Use the P (Park) position to idle a vehicle for an extended period of time. The wheels and the transmission are not engaged. Whilst parking the vehicle with the engine running, press the brake pedal or apply the parking brake.
- Do not drive with the shift lever in N (Neutral). Doing so may result in an accident because of a loss of engine braking and the transmission could be damaged.
- The engine can be started with the vehicle in N (Neutral), but for your safety, be sure to start the engine with the vehicle in P (Park).

To stay in N (Neutral) when vehicle is OFF

If you want to stay in N (Neutral) after the engine is OFF (in the ACC state), do the following.

1. Turn off Auto Hold and release Electronic Parking Brake when the engine is running.
2. Press the brake pedal, shift the gear to the P (Park) position, and turn off the engine.
3. Remove the cap-cover (1) and press the P release button (2) and shift the gear to the N (Neutral) position whilst pressing the brake pedal.



- The gear position is shifted to N (Neutral).
- You can only shift the gear between N (Neutral) and P (Park) within 20 seconds after turning off the engine.

WARNING

- For safety, always put the vehicle in P (Park) and apply the parking brake when parking the vehicle unless necessary.
- Park the vehicle in N (Neutral) only on level ground. Vehicles moving on slopes can cause serious accidents.

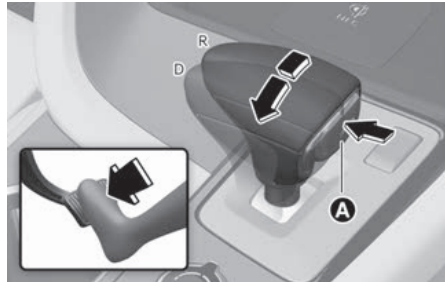
D (Drive)

This is the normal driving position.

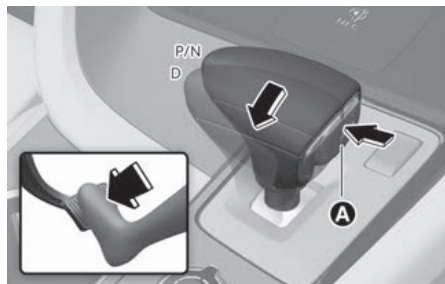
The transmission will automatically shift through an 8-gear sequence, providing the best fuel economy and power.

For extra power when passing another vehicle or driving uphill, press the accelerator pedal further until you feel the transmission downshift to a lower gear.

R (Reverse) to D (Drive)



P (Park), N (Neutral) to D (Drive)



[A] Unlock Button

To shift into D (Drive), press the brake pedal and press the **UNLOCK** button [A] on the shift lever. Move the shift lever rearward.

To shift into D (Drive) from N (Neutral), you must press the brake pedal.

NOTICE

Always come to a complete stop before shifting into D (Drive).

CAUTION

When you start after stopping on a steep incline, even if the gear is in D (Drive), if you do not press the accelerator or brake pedal, the vehicle may roll rearwards, which can cause an accident.

When the battery is discharged

You cannot shift gears, when the battery is discharged.

In emergencies, do the following to shift the gear to N (Neutral) on a level ground.

1. Connect the battery cables from another vehicle or from another battery to the jump-starting terminals inside the engine compartment.

For more information, refer to the "Jump starting" section in chapter 8.

2. Release the Electronic Parking Brake with the engine on.
3. Press the Engine Start/Stop button to the OFF position.
4. Remove the cap-cover (1) and press the P release button (2) whilst pressing the brake pedal.



Then, the gear will change to the N (Neutral) position. The button (2) operates only for 20 seconds to change the gear between P (Park) and N (Neutral) from the time when the button (2) is first pressed.

i Information

In situations when the gear needs to be shifted from P (Park) to N (Neutral) when the Engine Start/Stop button is in the OFF position, refer to step 4.

Shift-lock system

For your safety, the automatic transmission has a shift-lock system which prevents shifting the transmission from P (Park) into R (Reverse) or D (Drive) unless the **UNLOCK** button is pressed whilst pressing the brake pedal.

To shift from P (Park) or N (Neutral) into R (Reverse) or D (Drive):

1. Press and hold the brake pedal.
2. Start the engine or place the Engine Start/Stop button in the ON position.
3. Move the shift lever to R (Reverse) or D (Drive) whilst pressing the **UNLOCK** button.

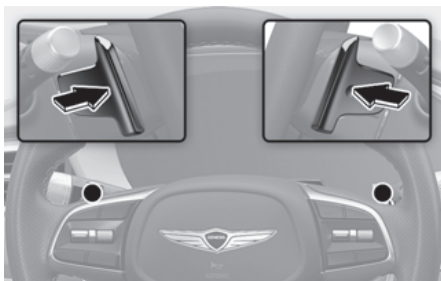
Parking

Always come to a complete stop and continue to press the brake pedal. Shift the gear to P (Park), apply the parking brake, and press the Engine Start/Stop button to the OFF position. Take the Key with you when leaving the vehicle.

⚠ WARNING

- When you stay in the vehicle with the engine running, be careful not to press the accelerator pedal for a long period of time. The engine or exhaust system may overheat and start a fire.
- The exhaust gas and the exhaust system are very hot. Keep away from the exhaust system components.
- Do not stop or park over flammable materials, such as dry grass, paper or leaves. They may ignite and cause a fire.

Paddle shifter (Manual shift mode)



The paddle shifter allows the driver to shift gear without taking one's hands off the steering wheel.

The paddle shifter operates as follow.

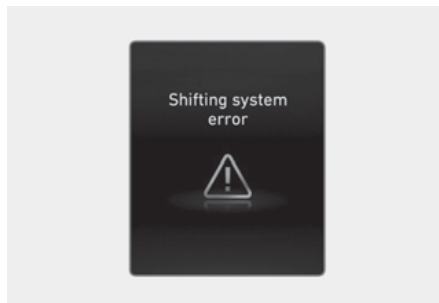
- Pull the [+] or [-] paddle shifter once to shift up or down one gear and the system changes from automatic shift mode to manual shift mode.
- To change back to automatic shift mode from manual shift mode, do one of the following:
 - Pull the [+] paddle shifter for more than one second.
 - Drive the vehicle under 7 km/h.
 - Gently press the accelerator pedal for more than 6 seconds.
 - Rotate the shift dial to the D (Drive) position.

i Information

If the [+] and [-] paddle shifters are pulled at the same time, gear shift may not occur.

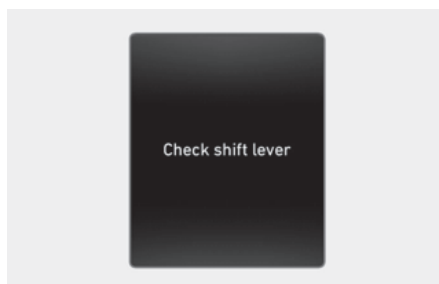
Instrument cluster display messages

Shifting system error



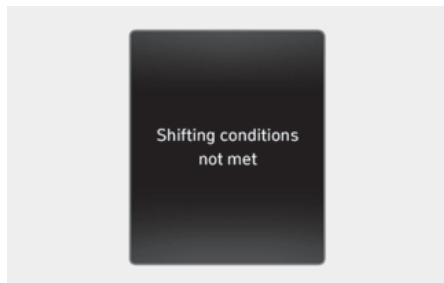
This message appears when the transmission or the shift button does not properly operate in the P (Park) position. We recommend that you have the vehicle inspected by an authorised Genesis repairer.

Check shift lever



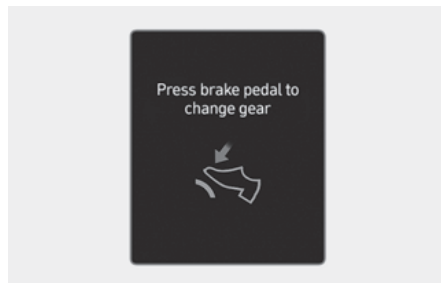
The message appears on the instrument cluster display when there is a malfunction with one of the key transmission shifter components.

We recommend that you immediately have the vehicle inspected by an authorised Genesis repairer.

Shifting conditions not met

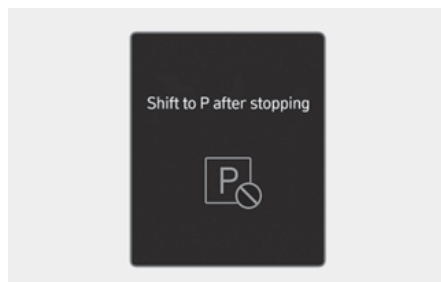
This message appears when engine rpm is too high, or when driving speed is too fast to shift the gear.

Decrease vehicle speed or slow down before shifting the gear.

Press brake pedal to change gear

This message appears when the brake pedal is not pressed whilst shifting the gear.

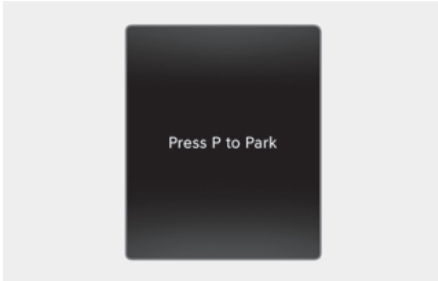
Press the brake pedal and then shift the gear.

Shift to P after stopping

This message appears when the gear is shifted to P (Park) whilst the vehicle is moving.

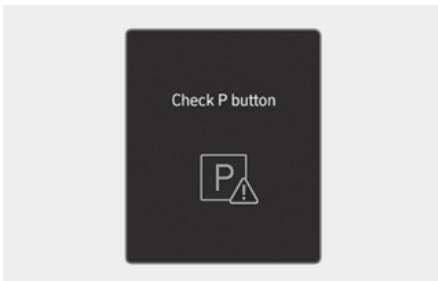
Stop the vehicle before shifting to P (Park).

Press P to park



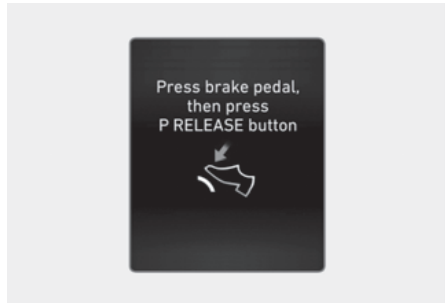
The message appears on the instrument cluster display to inform the driver to press the **P** button to shift to P (Park) when the driver moves the shift lever upward even though the gear is in R (Reverse).

Check P button



This message appears when there is a problem with the **P** button. We recommend that you have the vehicle inspected by an authorised Genesis repairer.

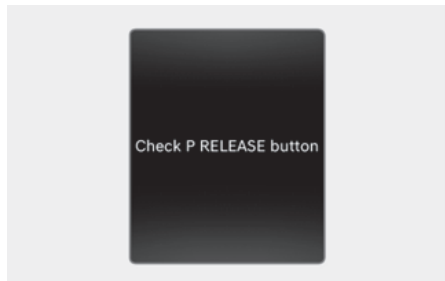
Press brake pedal, then press P RELEASE button



The message appears on the instrument cluster display when the driver presses the P RELEASE button without pressing the brake pedal.

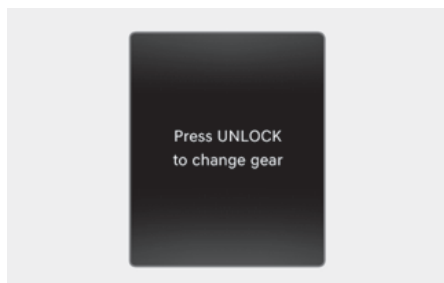
Press the brake pedal before pressing the P RELEASE button.

Check P RELEASE button



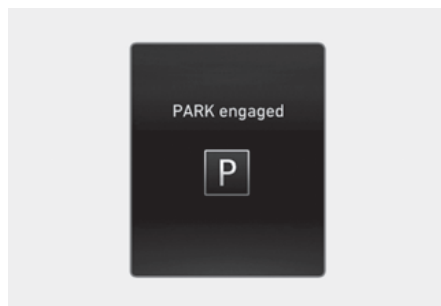
The message appears on the instrument cluster display when there is problem with the P RELEASE button.

We recommend that you immediately have the vehicle inspected by an authorised Genesis repairer.

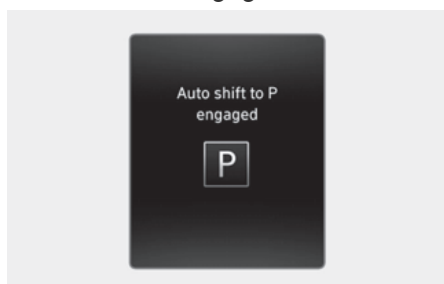
Press UNLOCK to change gear

The message appears on the instrument cluster display when the **UNLOCK** button is not pressed whilst shifting the gear.

Press the **UNLOCK** button and then shift the gear.

PARK engaged

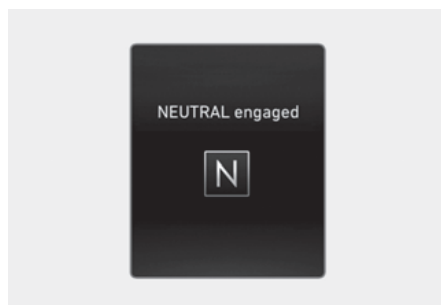
The message appears on the instrument cluster display when the P (Park) position is engaged.

Auto shift to P engaged

The message appears on the instrument cluster display when the gear shifts to P (Park) automatically.

Example of gear shifting to P (Park) automatically:

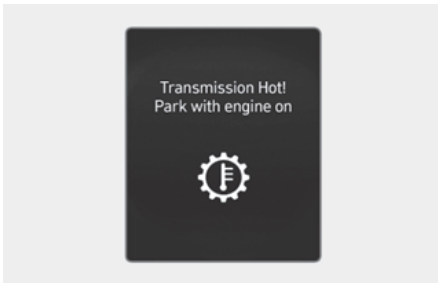
When the driver's door is opened with the Engine Start/Stop button in the ACC position.

NEUTRAL engaged

The message appears on the instrument cluster display when the N (Neutral) position is engaged.

Transmission overheated warning

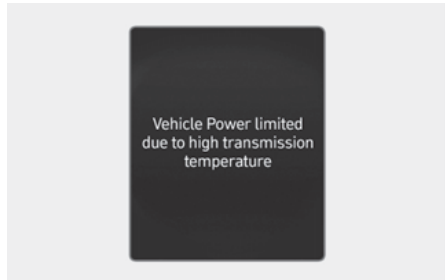
Transmission Hot! Park with engine on



Repeated sudden acceleration and quick start may overheat the transmission. If the transmission is overheated, the self protection mode alarms the driver with an audible sound warning message.

Move the vehicle to a safe location and shift the gear to P (Park), and stop the vehicle with the engine on. Wait until the transmission is sufficiently cooled down.

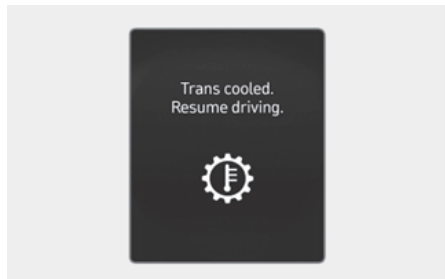
Vehicle Power limited due to high transmission temperature



If you continue to drive with overheated transmission, the above warning message appears and self-protection mode restricts the power output of the vehicle.

- Move the vehicle to a safe location and shift the gear to P (Park), and stop the vehicle with the engine on. Wait until the transmission is sufficiently cooled down.
- If the above message is continuously displayed, we recommend that you have the vehicle inspected by an authorised Genesis repairer.

Transmission cooled and safe to drive



This message appears when the vehicle is safe to drive.

Good driving practices

- Never shift the vehicle from P (Park) or N (Neutral) to any other position with the accelerator pedal pressed.
- Never shift the vehicle into P (Park) when the vehicle is in motion.
Be sure the vehicle is completely stopped before you attempt to shift into R (Reverse) or D (Drive).

- Do not shift the vehicle to N (Neutral) when driving. If the vehicle is shifted to N (Neutral) whilst driving, the vehicle loses the ability to provide engine braking. Doing so may increase the risk of an accident.

Also, shifting the vehicle back to D (Drive) whilst the vehicle is moving may severely damage the transmission.

- Driving uphill or downhill, always shift to D (Drive) when driving forward or to R (Reverse) when driving rearwards, and check the gear position indicated on the instrument cluster before driving. If you drive in the opposite direction of the selected gear, the engine will turn off and a serious accident may occur due to the degraded brake performance.

- When driving in sport mode, slow down before shifting to a lower gear. Otherwise, the lower gear may not be engaged if the engine RPMs are outside of the allowable range.
- Do not drive with your foot resting on the brake pedal. Even light, but consistent pedal pressure can result in the brakes overheating, brake wear and possibly even brake failure.
- Always apply the parking brake when leaving the vehicle. Do not depend on placing the transmission in P (Park) to keep the vehicle from moving.
- Exercise extreme caution when driving on a slippery surface. Be especially careful when braking, accelerating or shifting gears. On a slippery surface, an abrupt change in vehicle speed can cause the drive wheels to lose traction and may cause loss of vehicle control resulting in an accident
- Optimum vehicle performance and economy is obtained by smoothly pressing and releasing the accelerator.

WARNING

To reduce the risk of **SERIOUS INJURY** or **DEATH**:

- **ALWAYS** wear your seat belt. In a collision, an unrestrained occupant is significantly more likely to be seriously injured or killed than a properly restrained occupant.
- Avoid high speeds when cornering or turning.
- Do not make quick steering wheel movements, such as sharp lane changes or fast, sharp turns.
- The risk of rollover is greatly increased if you lose control of your vehicle at highway speeds.
- Loss of control often occurs if two or more wheels drop off the roadway and the driver over steers to reenter the roadway.
- In the event your vehicle leaves the roadway, do not steer sharply. Instead, slow down before pulling back into the travel lanes.
- Genesis Vehicle recommends that you follow all posted speed limits.

NOTICE

Kickdown mechanism

Use the kickdown mechanism for maximum acceleration. Press the accelerator pedal beyond the pressure point. The automatic transmission will shift to a lower gear depending on the engine speed.

Braking system

Power brakes

Your vehicle has power-assisted brakes that adjust automatically through normal usage.

In the event of a vehicle power failure, the power assist for the brakes will not work. You can still stop your vehicle, but it will require greater force and increased pedal travel than normal. The stopping distance will also be longer than with power brakes.

When the engine is not running, the reserve brake power is partially depleted each time the brake pedal is applied. Do not pump the brake pedal when the power assist has been interrupted.

Information

- When the brake pedal is pressed under certain driving conditions or weather conditions, you may temporarily hear a noise. This is normal and does not indicate a problem with your brakes.
 - Whilst driving on a road with deicing chemicals, brake noise or abnormal tyre wear may occur due to deicing chemicals. In a safe traffic condition, additionally apply the brakes to remove deicing chemicals on the brake discs and pads.
-

WARNING

Take the following precautions:

- Do not drive with your foot resting on the brake pedal. This will create abnormal high brake temperatures, excessive brake lining and pad wear, and increased stopping distances.
- When descending down a long or steep hill, use the paddle shifter and manually downshift to a lower gear in order to control your speed without using the brake pedal excessively. Applying the brakes continuously will cause the brakes to overheat and could result in a temporary loss of braking performance.
- Wet brakes may impair the vehicle's ability to safely slow down; the vehicle may also pull to one side when the brakes are applied. Applying the brakes lightly will indicate whether they have been affected in this way. Always test your brakes in this fashion after driving through deep water. To dry the brakes, lightly tap the brake pedal to heat up the brakes whilst maintaining a safe forward speed until brake performance returns to normal. Avoid driving at high speeds until the brakes function correctly.

High Performance Brake

 if equipped

For vehicles equipped with the High Performance Brake (large-diameter Brembo brakes for enhanced braking performance), noise such as a squeal, squeak or groan is generated whilst braking. This is normal and the friction may create circle patterns on the disc surface. This is also a normal situation which does not affect braking performance.

NOTICE

- Occasional brake noise is normal. If a continuous grinding or continuous squeal sound is present, the brake lining may be worn-out. Have the vehicle checked by an authorised Genesis repairer.
- If the vehicle has continuous vibration or shudder in the steering wheel whilst braking, have the vehicle be checked by an authorised Genesis repairer.

WARNING

Frequent speeding and braking may deform components and wear the disc brake causing vibration when braking. Prevent brake damage by avoiding excessive braking.

Brake wear, noise, vibration from excessive braking or deformation of the brakes caused by repeatedly braking in high speed, racing on tracks, etc. can be excluded from warranty coverage.

Disc brakes wear indicator

When your brake pads are worn and new pads are required, you will hear a high pitched warning sound from your front or rear brakes. You may hear this sound come and go or it may occur whenever you press the brake pedal.

NOTICE

To avoid costly brake repairs, do not continue to drive with worn brake pads.

i Information

Always replace brake pads as complete front or rear axle sets.

Electronic Parking Brake (EPB)

Applying the parking brake



To apply EPB (Electronic Parking Brake):

1. Press and hold the brake pedal.
2. Pull up the EPB switch.

Make sure the Parking Brake warning light comes on.

EPB (Electronic Parking Brake) may be automatically applied when:

- Requested by other systems
- The driver turns the vehicle off whilst Auto Hold is operating.

Emergency braking

If there is a problem with the brake pedal whilst driving, emergency braking is possible by pulling up and holding the EPB switch. Braking is possible only whilst you are holding the EPB switch. However, braking distance will be longer than normal.

WARNING

To reduce the risk of **SERIOUS INJURY** or **DEATH**, do not operate the EPB whilst the vehicle is moving except in an emergency situation. It could damage the brake system and lead to an accident.

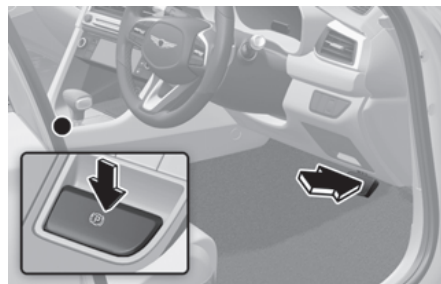
Information

During emergency braking, the Parking Brake warning light will illuminate to indicate that the system is operating.

NOTICE

If you continuously notice a noise or burning smell when the EPB is used for emergency braking, we recommend that you have the system checked by an authorised Genesis repairer.

Releasing the parking brake



To release EPB (Electronic Parking Brake):

1. Press the Engine Start/Stop button to the ON or START position.
2. Press the EPB switch whilst pressing the brake pedal.

Make sure the Parking Brake warning light goes off.

To release EPB (Electronic Parking Brake) automatically:

- Gear in P (Park)
With the engine running press the brake pedal and shift out of P (Park) to R (Reverse) or D (Drive).
- Gear in N (Neutral)
With the engine running press the brake pedal and shift out of N (Neutral) to R (Reverse) or D (Drive).

- Satisfy the following conditions
 1. Ensure seat belts are fastened and the doors, bonnet and boot (or tailgate) are closed.
 2. With the engine running, press the brake pedal and shift out of P (Park) to R (Reverse), D (Drive) or Manual shift mode.
 3. Press the accelerator pedal.
Make sure the Parking Brake warning light goes off.

i Information

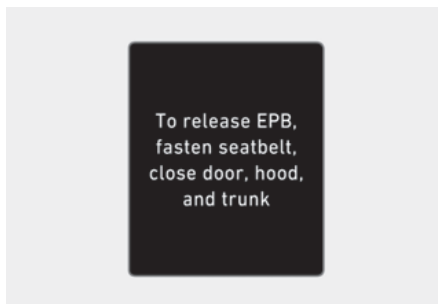
- You can engage EPB even though the Engine Stop/Start button is in the OFF position (only if battery power is available), but you cannot release it.
- Press the brake pedal and release the parking brake manually with the EPB switch before you drive downhill or when reversing.

NOTICE

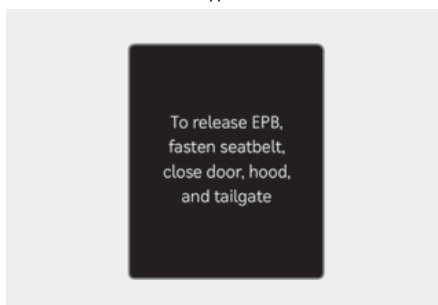
- If the Parking Brake warning light is still on even though the EPB has been released, we recommend that you have the system checked by an authorised Genesis repairer.
- Do not drive your vehicle with EPB applied. It may cause excessive brake pad and brake disc wear.

Warning messages

Type A



Type B



To release EPB, fasten seatbelt, close door, bonnet and boot (or tailgate)

If the driver's seat belt is unfastened, or the bonnet, boot (or tailgate), doors are open, and you try to drive with EPB applied, a warning sounds and a message appears.

WARNING

- Whenever leaving the vehicle or parking, always come to a complete stop and continue to press the brake pedal.
Shift the gear into P (Park), pull the EPB switch, and to turn the vehicle off. Take the Key with you when leaving the vehicle.
Vehicles not fully engaged in P (Park) with the parking brake set are at risk for moving inadvertently and causing injury to yourself or others.
- Never allow anyone who is unfamiliar with the vehicle to touch the EPB switch. If EPB is released unintentionally, serious injury may occur.
- Only release EPB when you are seated inside the vehicle with your foot firmly on the brake pedal.

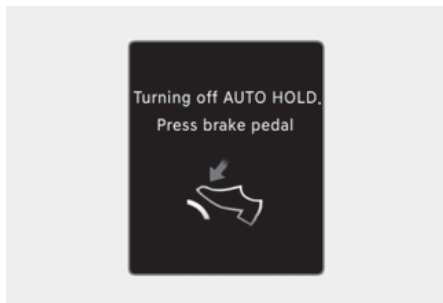
NOTICE

- Do not apply the accelerator pedal whilst the parking brake is engaged. If you press the accelerator pedal with EPB engaged, a warning will sound and a message will appear. Damage to the parking brake may occur.
- Driving with the parking brake on can overheat the braking system and cause premature wear or damage to brake parts. Make sure EPB is released and the Parking Brake warning light is off before driving.

i Information

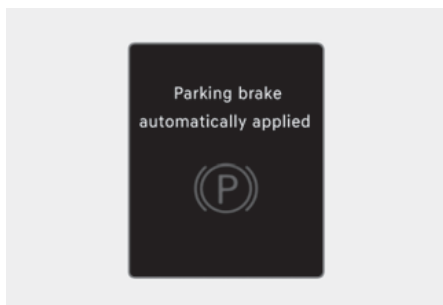
- A clicking sound may be heard whilst operating or releasing the EPB. These conditions are normal and indicate that EPB is functioning properly.
- When leaving your keys with a parking attendant or assistant, be sure to inform them how to operate the EPB.

Turning off AUTO HOLD. Press brake pedal



When the conversion from Auto Hold to EPB is not working properly a warning will sound and a message will appear.

Parking brake automatically applied



When EPB is applied whilst Auto Hold is activated, a warning will sound and a message will appear.

EPB malfunction

Electronic Parking Brake (EPB) warning light illuminates if the Engine Start/Stop button is pressed to the ON position and goes off in about 3 seconds if the system is operating normally.

If the EPB warning light remains on, comes on whilst driving, or does not come on when the Engine Start/Stop button is pressed to the ON position, this indicates that the EPB may have malfunctioned.

If this occurs, we recommend that you have the system checked by an authorised Genesis repairer.

The EPB warning light may illuminate when the ESC indicator comes on to indicate that ESC is not working properly, but it does not indicate a malfunction of EPB.

NOTICE

- If the Parking Brake warning light does not illuminate or blinks after the EPB switch has been pulled, the EPB may not be applied.
 - If the EPB warning light is still on or the Parking Brake warning light blinks when the EPB warning light is on, press the switch, and then pull it up. Repeat this one more time. If the EPB warning does not go off, we recommend that you have the system checked by an authorised Genesis repairer.
-

Parking brake warning light



Check the Parking Brake warning light by pressing the Engine Stop/Start button to the ON position.

This light will be illuminated when the parking brake is applied with the Engine Stop/Start button in the START or ON position.

Before driving, be sure the parking brake is released and the Parking Brake warning light is OFF.

If the Parking Brake warning light remains on after the parking brake is released whilst the engine is running, there may be a malfunction in the brake system. Immediate attention is necessary.

If at all possible, cease driving the vehicle immediately. If that is not possible, use extreme caution whilst operating the vehicle and only continue to drive the vehicle until you can reach a safe location.

When the EPB (Electronic Parking Brake) does not release

If the EPB does not release normally, we recommend that you contact an authorised Genesis repairer by loading the vehicle on a flatbed tow truck and have the system checked.

Auto Hold

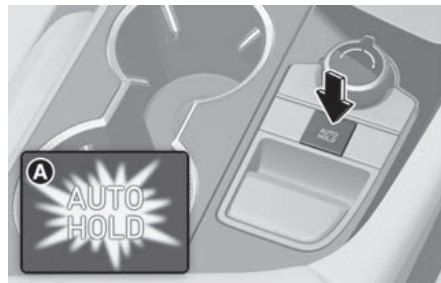
Auto Hold maintains the vehicle in a standstill even though the brake pedal is not pressed after the driver brings the vehicle to a complete stop by pressing the brake pedal.

***i* Information**

The Auto Hold On or Off setting is remembered when the vehicle is turned off. When the vehicle is restarted the last setting for Auto Hold is applied.

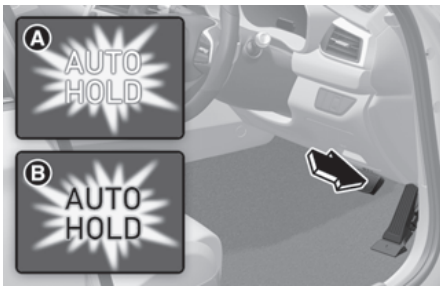
To apply:

1. With the driver's door and engine bonnet closed, press the brake pedal and then press the AUTO HOLD switch. The white AUTO HOLD indicator will come on and the system will be in the standby position.



[A] White

2. When you stop the vehicle completely by pressing the brake pedal, Auto Hold maintains the brake pressure to hold the vehicle stationary. The indicator changes from white to green.



[A] White
[B] Green

3. The vehicle will remain stationary even if you release the brake pedal.
4. If EPB is applied, Auto Hold will be released.

To release:

If you press the accelerator pedal with the gear in D (Drive) or Manual shift mode, the Auto Hold will be released automatically and the vehicle will start to move. The AUTO HOLD indicator changes from green to white.

! WARNING

Always look around your vehicle before pressing the accelerator pedal to release Auto Hold.

To cancel:



[A] Light off

1. Press and hold the brake pedal.
2. Press the AUTO HOLD switch.

The AUTO HOLD indicator will turn off.

! WARNING

To prevent unintended vehicle movement, always press your foot on the brake pedal to cancel the Auto Hold before you:

- Drive downhill.
- Park the vehicle.

i Information

- The Auto Hold does not operate when:
 - The driver's door is opened
 - The bonnet is opened
 - The vehicle is in P (Park)
 - The vehicle is in R (Reverse)
 - EPB is applied
- For your safety, the Auto Hold automatically switches to EPB when:
 - The driver's door is opened
 - The bonnet is opened
 - The vehicle is in a standstill for a long time.
 - The vehicle is standing on a steep slope
 - The vehicle moved several times

The Parking Brake warning light comes on, the AUTO HOLD indicator changes from green to white, and a warning sounds and a message appears to inform you that EPB has been automatically engaged. Before driving, press the brake pedal, check the surrounding area and release the parking brake manually with the EPB switch.
- Whilst operating Auto Hold, you may hear mechanical noise. However, it is normal operating noise.

NOTICE

If the AUTO HOLD indicator changes to yellow, Auto Hold is not working properly. We recommend that you contact an authorised Genesis repairer.

WARNING

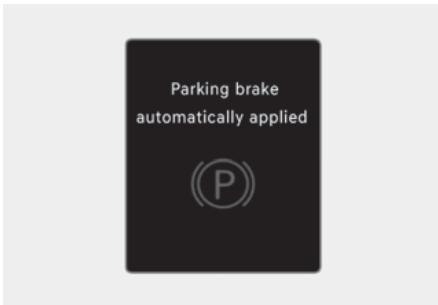
- Press the accelerator pedal slowly when you start the vehicle.
- For your safety, cancel Auto Hold when you drive downhill, reverse the vehicle or park the vehicle.

NOTICE

If there is a malfunction with the driver's door or engine bonnet open detection system, Auto Hold may not work properly. We recommend that you contact an authorised Genesis repairer.

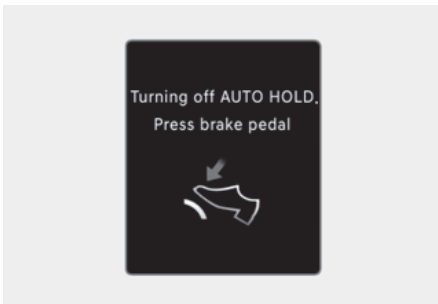
Warning messages

Parking brake automatically applied



When EPB is applied whilst Auto Hold is activated, a warning will sound and a message will appear.

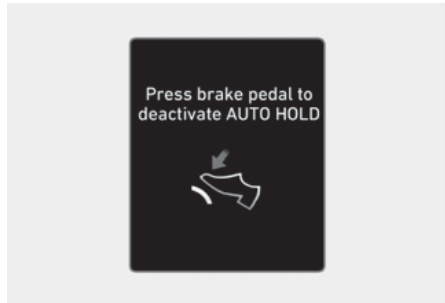
Turning off AUTO HOLD. Press brake pedal



When the conversion from Auto Hold to EPB is not working properly a warning will sound and a message will appear.

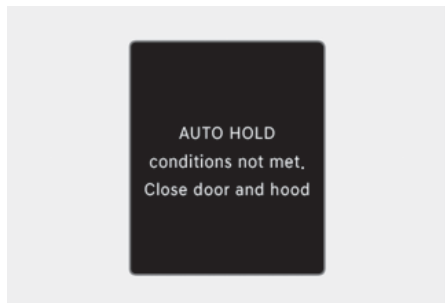
When this message appears, Auto Hold and EPB may not operate. For your safety, press the brake pedal.

Press brake pedal to deactivate AUTO HOLD



If you did not apply the brake pedal when you release Auto Hold by pressing the AUTO HOLD switch, a warning will sound and a message will appear.

AUTO HOLD conditions not met. Close door and bonnet.



When you press the AUTO HOLD switch, if the driver's door and engine bonnet are not closed, a warning will sound and a message will appear on the instrument cluster display.

Press the AUTO HOLD switch after closing the driver's door and bonnet.

Anti-lock Brake System (ABS)

WARNING

Anti-Lock Braking System (ABS) or Electronic Stability Control (ESC) system will not prevent accidents due to improper or dangerous driving manoeuvres. Even though vehicle control is improved during emergency braking, always maintain a safe distance between you and objects ahead of you. Vehicle speeds should always be reduced during extreme road conditions. The braking distance for vehicles equipped with ABS or ESC may be longer than for those without these systems in the following road conditions.

Drive your vehicle at reduced speeds during the following conditions:

- Rough, gravel or snow-covered roads.
- On roads where the road surface is pitted or has different surface height.
- Tyre chains are installed on your vehicle.

The safety features of ABS or ESC equipped vehicle should not be tested by high speed driving or cornering. This could endanger the safety of yourself or others.

ABS is an electronic braking system that helps prevent a braking skid. ABS allows the driver to steer and brake at the same time.

Using ABS

To obtain the maximum benefit from your ABS in an emergency situation, do not attempt to modulate your brake pressure and do not try to pump your brakes. Press your brake pedal as hard as possible.

When you apply your brakes under conditions which may lock the wheels, you may hear sounds from the brakes, or feel a corresponding sensation in the brake pedal. This is normal and it means your ABS is active.

ABS does not reduce the time or distance it takes to stop the vehicle.

Always maintain a safe distance from the vehicle in front of you.

ABS will not prevent a skid that results from sudden changes in direction, such as trying to take a corner too fast or making a sudden lane change. Always drive at a safe speed for the road and weather conditions.

ABS cannot prevent a loss of stability. Always steer moderately when braking hard. Severe or sharp steering wheel movement can still cause your vehicle to veer into oncoming traffic or off the road.

On loose or uneven road surfaces, operation of the anti-lock brake system may result in a longer stopping distance than for vehicles equipped with a conventional brake system.

The ABS () warning light will stay on for several seconds after the Engine Start/Stop button is in the ON position.

During that time, ABS will go through self-diagnosis and the light will go off if everything is normal. If the light stays on, you may have a problem with your ABS. We recommend that you contact an authorised Genesis repairer as soon as possible.

WARNING

If the ABS () warning light is on and stays on, you may have a problem with the ABS. Your power brakes will work normally. To reduce the risk of serious injury or death, we recommend that you contact your authorised Genesis repairer as soon as possible.

NOTICE

When you drive on a road having poor traction, such as an icy road, and apply your brakes continuously, ABS will be active continuously and the ABS () warning light may illuminate. Pull your vehicle over to a safe place and turn the vehicle off.

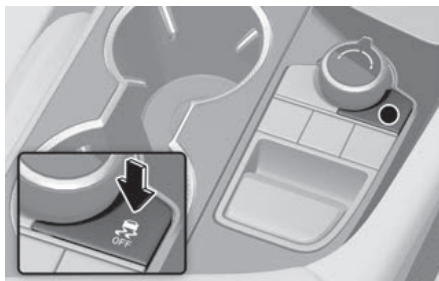
Restart the vehicle. If the ABS warning light is off, then your ABS system is normal.

If not you may have a problem with your ABS system. We recommend that you contact an authorised Genesis repairer as soon as possible.

i **Information**

When you jump start your vehicle because of a drained battery, the ABS () warning light may turn on at the same time. This happens because of the low battery voltage. It does not mean your ABS is malfunctioning. Have the battery recharged before driving the vehicle.

Electronic Stability Control (ESC)



Electronic Stability Control helps to stabilize the vehicle during cornering manoeuvres.

ESC checks where you are steering and where the vehicle is actually going. ESC applies braking pressure to any one of the vehicle's brakes and intervenes in the engine management system to assist the driver with keeping the vehicle on the intended path. It is not a substitute for safe driving practices. Always adjust your speed and driving to the road conditions.

WARNING

Never drive too fast for the road conditions when cornering. ESC will not prevent accidents.

Excessive speed in turns, abrupt manoeuvres, and hydroplaning on wet surfaces can result in severe accidents.

ESC operation

ESC ON condition

When the Engine Start/Stop button is in the ON position, ESC and the ESC OFF indicator lights illuminate for about three seconds. After both lights go off, ESC is enabled.

When operating



When ESC is in operation, the ESC indicator light blinks:

- When you apply your brakes under conditions which may lock the wheels, you may hear sounds from the brakes, or feel a corresponding sensation in the brake pedal. This is normal and it means your ESC is active.
- When ESC activates, the engine may not respond to the accelerator as it does under routine conditions.
- If Cruise Control was in use when ESC activates, Cruise Control automatically disengages. Cruise Control can be reengaged when the road conditions allow. Refer to the “Smart Cruise Control (SCC)” section in chapter 7.
- When moving out of the mud or driving on a slippery road, the engine RPM (revolutions per minute) may not increase even if you press the accelerator pedal deeply. This is to maintain the stability and traction of the vehicle and does not indicate a problem.

ESC OFF condition



To cancel ESC operation:

- State 1

Press the ESC OFF button briefly. The ESC OFF indicator light and/or message “**Traction Control disabled**” will illuminate. In this state, the traction control function of ESC (engine management) is disabled, but the brake control function of ESC (braking management) still operates.

ESC OFF state 1 will be automatically selected and illuminate on the instrument cluster when SPORT+ mode is selected whilst Drive mode is operating.

- State 2

Press and hold the ESC OFF button continuously for more than 3 seconds. The ESC OFF indicator light and/or message “**Traction & Stability Control disabled**” illuminates. In this state, both the traction control function of ESC (engine management) and the brake control function of ESC (braking management) are disabled.

If the Engine Start/Stop button is pressed to the OFF position when ESC is off, ESC remains off. Upon restarting the vehicle, ESC will automatically turn on again.

Indicator lights

ESC indicator light (blinks)



ESC OFF indicator light (comes on)



When the Engine Start/Stop button is pressed to the ON position, the ESC indicator light illuminates, then goes off if the ESC system is operating normally.

The ESC indicator light blinks whenever ESC is operating.

If the ESC indicator light stays on, your vehicle may have a malfunction with the ESC system. When this warning light illuminates we recommend that the vehicle be checked by an authorised Genesis repairer as soon as possible.

The ESC OFF indicator light comes on when ESC is turned off.



WARNING

When ESC is blinking, this indicates ESC is active:

Drive slowly and NEVER attempt to accelerate. NEVER turn ESC off whilst the ESC indicator light is blinking or you may lose control of the vehicle resulting in an accident.

NOTICE

Driving with wheels and tyres with different sizes may cause the ESC system to malfunction. Before replacing tyres, make sure all four tyres and wheels are the same size. Never drive the vehicle with different sized wheels and tyres installed.

ESC OFF usage

When Driving

The ESC OFF mode should only be used briefly to help free the vehicle if stuck in snow or mud, by temporarily stopping operation of ESC, to maintain wheel torque.

To turn ESC off whilst driving, press the ESC OFF button whilst driving on a flat road surface.

NOTICE

To prevent damage to the transmission:

- Do not allow wheel(s) of one axle to spin excessively whilst the ESC, ABS, and Parking Brake warning lights appear. The repairs would not be covered by the vehicle warranty. Reduce engine power and do not spin the wheel(s) excessively whilst these lights appear.
 - When operating the vehicle on a dynamometer, make sure ESC is turned off (ESC OFF light illuminated).
-



Information

Turning ESC off does not affect ABS or standard brake system operation.

Vehicle Stability Management (VSM)

Vehicle Stability Management is a function of the Electronic Stability Control (ESC) system. It helps the vehicle stay stable when accelerating or braking suddenly on wet, slippery and rough roads where traction over the four tyres can suddenly become uneven.

WARNING

Take the following precautions when using Vehicle Stability Management:

- ALWAYS check the speed and the distance to the vehicle ahead. VSM is not a substitute for safe driving practices.
- Never drive too fast for the road conditions. VSM will not prevent accidents. Excessive speed in bad weather, on slippery and uneven roads can result in severe accidents.

VSM operation

When operating

When you apply your brakes under conditions which may activate ESC, you may hear sounds from the brakes, or feel a corresponding sensation in the brake pedal. This is normal and it means your VSM is active.

Information

VSM does not operate when:

- Driving on a banked road such as gradient or incline.
- Driving in reverse.
- The ESC OFF indicator light is on.
- The MDPS (Motor Driven Power Steering) warning light () is on or blinks.

VSM OFF condition

To cancel VSM operation, press the ESC OFF button. ESC OFF () indicator light will illuminate.

To turn on VSM, press the ESC OFF button again. The ESC OFF indicator light will go out.

WARNING

If the ESC () indicator light or MDPS () warning light stays illuminated or blinks, your vehicle may have a malfunction with the VSM system. When the warning light illuminates we recommend that the vehicle be checked by an authorised Genesis repairer as soon as possible.

NOTICE

Driving with wheels and tyres with different sizes may cause the VSM system to malfunction. Before replacing tyres, make sure all four tyres and wheels are the same size. Never drive the vehicle with different sized tyres and wheels installed.

Hill-Start Assist Control (HAC)

Hill-Start Assist Control helps prevent the vehicle from rolling rearwards when starting from a stop on a hill. The system operates the brakes automatically for about 5 seconds and releases the brake after 5 seconds or when the accelerator pedal is pressed.

WARNING

Always be ready to press the accelerator pedal when starting off an incline. Hill-Start Assist Control activates only for about 5 seconds.

i **Information**

- Hill-Start Assist Control does not operate when the gear is shifted to P (Park) or N (Neutral).
 - Hill-Start Assist Control activates even when the ESC (Electronic Stability Control) is off. However, it does not activate, when ESC does not operate normally.
-

Emergency Stop Signal (ESS)

Emergency Stop Signal alerts the driver behind by blinking the stop lamps, whilst sharply and severely braking.

The system is activated when:

- The vehicle suddenly stops. (The deceleration power exceeds 7 m/s^2 , and the driving speed exceeds 55 km/h .)
- ABS is activated.

The hazard warning flasher automatically turns ON after blinking the stop lamps:

- When driving speed is under 40 km/h ,
- When ABS is deactivated, and
- When the sudden braking situation is over.

The hazard warning flasher turns OFF:

- When the vehicle drives at a low speed for a certain period of time.

The driver can manually turn OFF the hazard warning flasher by pressing the button.

i **Information**

Emergency Stop Signal will not activate, when the hazard warning flashers are already on.

Multi-Collision Brake (MCB)

Multi-Collision Brake controls the brake automatically in the event of an accident where the airbag deploys to reduce the risk of additional accidents that may occur.

System operation

- From the time the airbag deploys, Multi-Collision Brake monitors the pressure intensity of the brake pedal and accelerator pedal for a short period. The system operates when the following conditions are met:
 - Vehicle speed is under 180 km/h at the time of collision.
 - The brake pedal and accelerator pedal are hardly pressed.
- When the driver steps on the brake pedal over a certain level whilst Multi-Collision Brake is active, the braking power takes priority over automatic braking by Multi-Collision Brake system. However, if the driver takes their foot off the brake pedal, automatic braking by Multi-Collision Brake system will maintain automatic braking.

System off

Multi-Collision Brake is cancelled in the following situations:

- The accelerator pedal is pressed over a certain level.
- The vehicle stops.
- ESC (Electronic Stability Control) or electronic devices has malfunctioned.
- In a situation system cannot operate normally.
- Ten seconds have passed since the brake has been controlled automatically by Multi-Collision Brake system.

WARNING

- Multi-Collision Brake decreases vehicle speed after a collision and reduces the risk of a second collision, but it does not prevent a second collision. You may drive away from the collision spot to avoid other dangerous situations by pressing the accelerator pedal.
- After the vehicle is stopped by Multi-Collision Brake, the system stops controlling the brakes. Depending on the situation, the driver should press the brake or the accelerator pedal to prevent further accidents.

Brake Assistant System (BAS)

The Brake Assistant System provides additional pressure when the brake pedal is momentarily and strongly pressed in a situation sudden braking is required whilst driving.

The Brake Assistant System reduces the time for ABS (Anti-Lock Brake System) control to engage and consequently reduces the braking distance, by providing additional pressure up to the point of ABS intervention.

System operation

- When the vehicle speed is more than 30 km/h and the ABS control is not engaged.
- When the brake pedal is pressed firmly over a certain level.
- When the friction of the road surface is above a certain level.

System operation off

- The vehicle speed is below 10 km/h.
- The brake pedal is pressed over a certain condition.
- The friction of the road surface is below a certain level.



WARNING

The system may not operate depending on driver's driving habit, the degree to which the brake pedal is pressed and the road surface condition.

Good braking practices



WARNING

Whenever leaving the vehicle or parking, always come to a complete stop and continue to press the brake pedal. Shift the vehicle to the P (Park) position, then apply the parking brake, and press the Engine Start/Stop button to the OFF position.

Vehicles parked with the parking brake not applied or not fully engaged may roll inadvertently and may cause injury to the driver and others. ALWAYS apply the parking brake before exiting the vehicle.

Wet brakes can be dangerous! The brakes may get wet if the vehicle is driven through standing water or if it is washed. Your vehicle will not stop as quickly if the brakes are wet. Wet brakes may cause the vehicle to pull to one side.

To dry the brakes, apply the brakes lightly until the braking action returns to normal. If the braking action does not return to normal, stop as soon as it is safe to do so and we recommend that you call an authorised Genesis repairer for assistance.

DO NOT drive with your foot resting on the brake pedal. Even light, but constant pedal pressure can result in the brakes overheating, brake wear, and possibly even brake failure.

If a tyre goes flat whilst you are driving, apply the brakes gently and keep the vehicle pointed straight ahead whilst you slow down. When you are moving slowly enough for it to be safe to do so, pull off the road and stop in a safe location.

Keep your foot firmly on the brake pedal when the vehicle is stopped to prevent the vehicle from rolling forward.

Limited Slip Differential

 if equipped

Limited Slip Differential refers to a feature equipped with a mechanism that controls the differential functions of the wheels in the rear differential.

The Limited Slip Differential helps improve handling performance when circling.

WARNING

Never run wheels with one of them lifted by the jack. It is extremely dangerous for a vehicle equipped with Limited Slip Differential.

Information

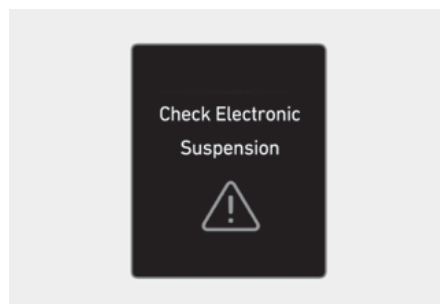
- For vehicles equipped with the LSD, internal friction sound may be heard when cornering. These conditions are normal and indicate that LSD is functioning properly. If the internal friction sound gradually increases, we recommend that the Rear Differential (for LSD) oil be changed by an authorised Genesis repairer.
- Be sure to inject oil specifically for a LSD when replacing Rear Differential (for LSD) Oil. Refer to the “Recommended lubricants and capacities” section in chapter 2.

Electronic control suspension

 if equipped

Electronic Control Suspension controls the vehicle suspension automatically using vehicle sensors to maximise driving comfort by taking into account the driving conditions such as speed, surface of the road, cornering, stopping requirements and acceleration.

System malfunction



Check Electronic Suspension

When Electronic Control Suspension is not working properly, this warning message will appear on the instrument cluster display. If this occurs, we recommend that the system be inspected by an authorised Genesis repairer.

Launch control

 If equipped

Launch Control system controls the vehicle to reduce wheel spin or slip on a hard acceleration from a standing start.

Prerequisite for activation

Launch Control gets ready to be activated, when the following prerequisites are satisfied.

- The engine is warmed up.
- Malfunction warning lights related to the engine and ESC (Electronic Stability Control) are off.

CAUTION

For safety purposes, check the following conditions before using Launch control.

- The driver's seat belt is fastened.
- All doors, bonnet and boot (or tailgate) are closed.
- The vehicle is at a complete stop.
- Align the steering wheel straight.

Launch Control activation

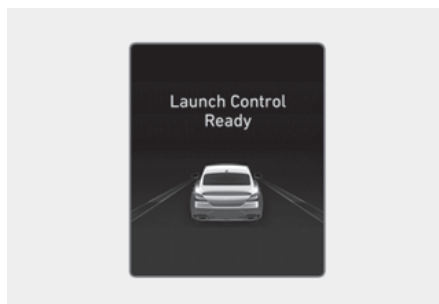
To activate Launch Control:

1. Select SPORT or SPORT+ mode using the drive mode selection knob (or button). SPORT or SPORT+ indicator will illuminate on the instrument cluster display.
2. Turn off ESC by pressing the ESC OFF button for more than 3 seconds. The ESC OFF indicator will illuminate on the instrument cluster.
3. Shift to the D (Drive) position.

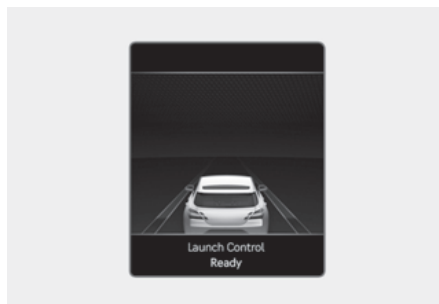
4. Press the brake pedal firmly with your left foot, whilst pressing the accelerator pedal down fully with your right foot. Then, the Engine RPM will reach an optimised level.

The message **“Launch Control Ready”** will appear on the instrument cluster display.

Sedan



Shooting Brake

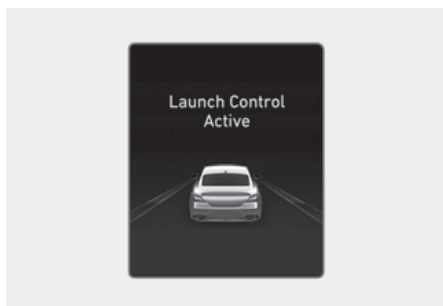


5. A smooth, quick release of the brake pedal, whilst maintaining full pressure on the accelerator pedal will initiate launching of the vehicle.
6. During vehicle launching, continue to press the accelerator pedal to keep the Launch Control system active for desired duration.

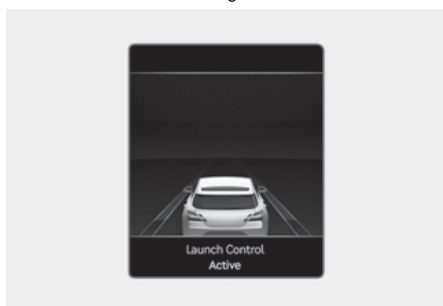
The message **“Launch Control Active”** will appear on the instrument cluster display.

To deactivate (end) Launch Control, release the accelerator pedal.

Sedan



Shooting Brake



i Information

Launch Control is available again after cooling down by driving the vehicle for at least 3 minutes.

CAUTION

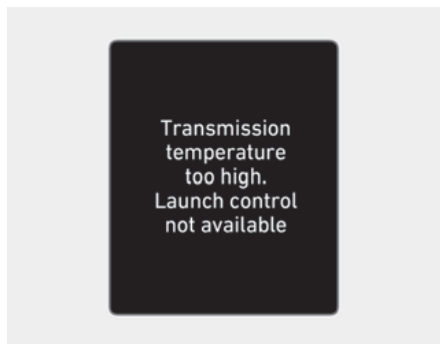
- Launch Control system is intended for use at a closed race track and not intended for use on public roads. It will not compensate for drivers who are inexperienced or lack familiarity with the race track.
- Do not use Launch Control during break-in period of the vehicle.

NOTICE

Constant use of Launch Control can put enormous stress on the vehicle resulting in premature wear of related components.

Limited use of Launch Control

**Transmission temperature too high.
Launch control not available**



A warning message will pop up on the instrument cluster display if the transmission fluid temperature is above a certain level whilst using Launch Control. Also, Launch Control will be automatically deactivated.

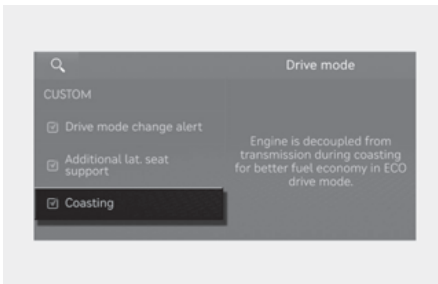
If this occurs, the driver should cool down the transmission fluid temperature by driving the vehicle at a constant speed over 60 km/h.

Coasting

 If equipped

When certain conditions are met, the engine is automatically decoupled from the transmission whilst gear remains in D (Drive). When Coasting is operating, the engine stays at idling speed to reduce fuel consumption and increase coasting distance.

Coasting setting



- The Coasting function must be turned ON from the Settings menu in the infotainment system. Select:
 - **Settings > Vehicle > Drive Mode > Coasting**
- When Coasting is turned ON and the conditions are met, the function operates with a **“Coasting”** message illuminated on the instrument cluster.

Coasting operating conditions

The Coasting function will operate when the accelerator pedal is pressed and released under the following conditions.

- ECO is selected for driving mode
- ECO is selected for Powertrain in the CUSTOM menu from the infotainment system (if equipped). If Smart is selected, driver acceleration should be mild
- The gear is in D (Drive)
- The Smart Cruise Control button is OFF
- Smart Cruise Control on standby
- The accelerator or brake pedal is not pressed
- The vehicle's speed is within 50~160 km/h range
- The road gradient is within -5~+5% range

i Information

- If the front radar for smart cruise control system cannot operate normally, the inter-vehicle distance and relative speed condition are automatically ignored.
- The Coasting function works after the engine is turned on, the transmission is warmed up, and the engine sensor self-diagnosis is completed.
- Depending on the driving situation, Coasting operation may be temporarily delayed even if the above conditions are met.

Coasting release conditions

The Coasting function will be automatically released when the following conditions are met.

- Comfort, Sport, Sport+ is selected for driving mode
- The driver uses the paddle shifter
- Smart Cruise Control is activated (Set speed appears on the instrument cluster)
- The vehicle's speed exceeds 50–160 km/h range
- The road gradient is under -5% or over +5%
- If the distance between the vehicle ahead is too close or the relative speed changes momentarily in CUSTOM mode
- If lane change is predicated in CUSTOM mode (e.g. the turn signal is turned ON or a LKA warning appears due to steering wheel control, etc.)

i Information

It is recommended that you turn off the Coasting function if you are driving under frequent stop-and-go conditions. Change the drive mode to Comfort or Sport or deselect Coasting from the infotainment system.

NOTICE

- If the accelerator pedal is pressed quickly for accelerating with the Coasting function in operation, acceleration may occur after the engagement of the clutch inside the transmission. In turn, the driver may continue to feel acceleration even after the system is turned off.
- Driving with the Coasting function off may be required in some cases since the engine brake is not applied whilst the Coasting function is operating.
- Operating the infotainment system to activate or deactivate the Coasting function whilst driving may be dangerous as the driver's attention is reduced.

Drive mode integrated control system

Drive mode may be selected according to the driver's preference or road condition.



Drive mode

The mode changes whenever the DRIVE MODE selection knob is rotated.

COMFORT mode

COMFORT mode provides smooth driving and comfortable riding.

ECO mode



ECO mode helps improve fuel efficiency for eco-friendly driving. Fuel efficiency varies according to the driver's driving habits and road conditions.

- When ECO mode is selected, the ECO indicator will illuminate on the instrument cluster.
- When ECO mode is activated:
 - The acceleration response may be slightly reduced if the accelerator pedal is pressed moderately.
 - The air conditioning performance may be limited.
 - The shift pattern of the automatic transmission may change.
 - Engine noise may be louder at some automatic transmission shifts as down-shift requires pressing down more on the accelerator.

The above situations are normal conditions when ECO mode is activated to help improve fuel efficiency.

Limitations of the ECO mode

If the following conditions occur whilst ECO mode is operating, the system operation is limited even though there is no change in the ECO indicator.

- When coolant temperature is low:
The system will be limited until engine performance becomes normal.
- When driving up a hill:
The system will be limited to gain power when driving uphill because engine torque is restricted.
- When driving the vehicle in manual shift mode using the paddle shifter.
The system will be limited according to the shift location.

SPORT mode

SPORT

SPORT mode provides sporty but firm if equipped with ECS. In SPORT mode, the fuel efficiency may decrease.

- When SPORT mode is selected, the SPORT indicator will illuminate on the instrument cluster.
- Whenever the engine is restarted, the drive mode will revert back to COMFORT mode. If SPORT mode is desired, re-select SPORT mode.
- When SPORT mode is activated:
 - The engine rpm will tend to remain raised over a certain length of time even after releasing the accelerator
 - Upshifts are delayed when accelerating

CUSTOM mode

+ if equipped

CUSTOM

In CUSTOM mode, the driver can select separate modes for each items in the infotainment system.

- Powertrain:
ECO/COMFORT/SPORT/SPORT+
- Steering wheel:
COMFORT/SPORT/SPORT+
- Suspension:
COMFORT/SPORT/SPORT+

i Information

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

- When CUSTOM mode is selected, the CUSTOM indicator will illuminate on the instrument cluster.
- Whenever the engine is restarted, the drive mode will revert back to COMFORT mode. If CUSTOM mode is desired, re-select CUSTOM mode.

SPORT+ mode

 if equipped

SPORT+

The SPORT+ mode provides sporty but firm riding. In the SPORT+ mode, the fuel efficiency may decrease.

- When the SPORT+ mode is selected, the SPORT+ indicator will illuminate on the instrument cluster.
- Whenever the engine is restarted, the drive mode will revert back to the COMFORT mode. If the SPORT+ mode is desired, re-select the SPORT+ mode.
- When the SPORT+ mode is activated:
 - The engine RPM will tend to remain raised over a certain length of time even after releasing the accelerator
 - Upshifts are delayed when accelerating
 - Downshifts are advanced whilst braking.

NOTICE

In the SPORT or SPORT+ mode, the fuel efficiency may decrease.

***i* Information**

SPORT+ mode applied to vehicle equipped with ESC.

Vehicle characteristic

The characteristic of each component varies according to which drive mode is selected.

A/T	Component	DRIVE MODE		
		COMFORT Mode	SPORT Mode	SPORT+ Mode
Engine & Driving	Power train	COMFORT	SPORT	SPORT+
	Launch Control	Off	On	On
Chassis	Steering	COMFORT	SPORT	SPORT+
	ESC*1	COMFORT	SPORT	SPORT (TCS*2 OFF)
	Suspension	COMFORT	SPORT	SPORT+
Sound	ASD*3	COMFORT	SPORT	SPORT
	Variable exhaust	COMFORT	SPORT	SPORT

*1 Electronic Stability Control

*2 Traction Control System

*3 Active Sound Design

When driving in the CUSTOM mode, Launch Control/Active Sound Design may vary depending on the CUSTOM mode-Powertrain system settings.

Special driving conditions

Hazardous driving conditions

When hazardous driving elements are encountered such as water, snow, ice, mud and sand, take the following precautions:

- Drive cautiously and maintain a longer braking distance.
- Avoid abrupt braking or steering.
- When your vehicle is stuck in snow, mud, or sand, use second gear. Accelerate slowly to avoid unnecessary wheel spin.
- Put sand, rock salt, tyre chains or other non-slip materials under the wheels to provide additional traction whilst the vehicle becomes stuck in ice, snow, or mud.



WARNING

Downshifting with an automatic transmission whilst driving on slippery surfaces can cause an accident. The sudden change in tyre speed could cause the tyres to skid. Be careful when downshifting on slippery surfaces.

Rocking the vehicle

If it is necessary to rock the vehicle to free it from snow, sand, or mud, first turn the steering wheel right and left to clear the area around your front wheels. Then, shift back and forth between R (Reverse) and a forward gear.

Try to avoid spinning the wheels, and do not race the engine.

To prevent transmission wear, wait until the wheels stop spinning before shifting gears. Release the accelerator pedal whilst shifting, and press lightly on the accelerator pedal whilst the transmission is in gear. Slowly spinning the wheels in forward and reverse directions causes a rocking motion that may free the vehicle.



WARNING

If the vehicle is stuck and excessive wheel spin occurs, the temperature in the tyres can increase very quickly. If the tyres become damaged, a tyre blow out or tyre explosion can occur. This condition is dangerous - you and others may be injured. Do not attempt this procedure if people or objects are anywhere near the vehicle.

If you attempt to free the vehicle, the vehicle can overheat quickly, possibly causing an engine compartment fire or other damage. Try to avoid spinning the wheels as much as possible to prevent overheating of either the tyres or the engine. DO NOT allow the vehicle to spin the wheels above 56 km/h.



Information

The ESC system must be turned OFF before rocking the vehicle.

NOTICE

If you are still stuck after rocking the vehicle a few times, have the vehicle pulled out by a tow vehicle to avoid engine overheating, possible damage to the transmission, and tyre damage. Refer to the “Towing” section in chapter 8.

Smooth cornering

Avoid braking or gear changing in corners, especially when roads are wet. Ideally, corners should always be taken under gentle acceleration.

Driving at night

Night driving presents more hazards than driving in the daylight. Here are some important tips to remember:

- Slow down and keep more distance between you and other vehicles, as it may be more difficult to see at night, especially in areas where there may not be any street lights.
- Adjust your mirrors to reduce the glare from other drivers’ headlamps.
- Keep your headlamps clean and properly aimed. Dirty or improperly aimed headlamps will make it much more difficult to see at night.
- Avoid staring directly at the headlamps of oncoming vehicles. You could be temporarily blinded, and it will take several seconds for your eyes to readjust to the darkness.

Driving in the rain

Rain and wet roads can make driving dangerous. Here are a few things to consider when driving in the rain or on slick pavement:

- Slow down and allow extra following distance. A heavy rainfall makes it harder to see and increases the distance needed to stop your vehicle.
- Turn OFF your Cruise Control. (if equipped)
- Replace your windscreen wiper blades when they show signs of streaking or missing areas on the windscreen.
- Be sure your tyres have enough tread. If your tyres do not have enough depth of tyre tread, making a quick stop on wet pavement can cause a skid and possibly lead to an accident. Refer to “Tyre replacement” section in chapter 9.
- Turn on your headlamps to make it easier for others to see you.
- Driving too fast through large puddles can affect your brakes. If you must go through puddles, try to drive through them slowly.
- If you believe your brakes may be wet, apply them lightly whilst driving until normal braking operation returns.

Hydroplaning

If the road is wet enough and you are going fast enough, your vehicle may have little or no contact with the road surface and actually ride on the water. The best advice is SLOW DOWN when the road is wet.

The risk of hydroplaning increases as the depth of tyre tread decreases, refer to “Tyre care” section in chapter 9.

Driving in flooded areas

Avoid driving through flooded areas unless you are sure the water is no higher than the bottom of the wheel hub. Drive through any water slowly. Allow adequate stopping distance because brake performance may be reduced.

After driving through water, dry the brakes by gently applying them several times whilst the vehicle is moving slowly.

Highway driving

Tyres

Adjust the tyre inflation, as specified. Under-inflation may overheat or damage the tyres.

Do not install worn-out or damaged tyres, which may reduce traction or prevent correct braking.

***i* Information**

Never over-inflate your tyres above the maximum inflation pressure, as specified on your tyres.

Fuel, engine coolant and engine oil

Driving at higher speeds on the highway consumes more fuel and is less efficient than driving at a slower, more moderate speed. Maintain a moderate speed in order to conserve fuel when driving on the highway.

Be sure to check both the engine coolant level and the engine oil before driving.

Drive belt

A loose or damaged drive belt may overheat the engine.

Winter driving

The severe weather conditions of winter quickly wear out tyres and cause other problems. To minimise winter driving problems, you should take the following suggestions:

Snow or icy conditions

You need to keep sufficient distance between your vehicle and the vehicle in front of you. Apply the brakes gently. Speeding, rapid acceleration, sudden brake applications, and sharp turns are potentially very hazardous practices. During deceleration, use engine braking to the fullest extent. Sudden brake applications on snowy or icy roads may cause the vehicle to skid.

To drive your vehicle in deep snow, it may be necessary to use snow tyres or to install tyre chains on your tyres.

Always carry emergency equipment. Some of the items you may want to carry include tyre chains, tow straps or chains, a flashlight, emergency flares, sand, a shovel, jumper cables, a window scraper, gloves, ground cloth, coveralls, a blanket, etc.

Snow tyres

WARNING

Snow tyres should be equivalent in size and type to the vehicle's standard tyres. Otherwise, the safety and handling of your vehicle may be adversely affected.

We recommend that you use snow tyres when road temperature is below 7°C (45°F). Refer to the below chart, and mount the recommended snow tyre for your vehicle.

Standard tyre				Recommended snow tyre			
Front		Rear		Front		Rear	
Tyre size	Wheel size	Tyre size	Wheel size	Tyre size	Wheel size	Tyre size	Wheel size
225/45R 18	8.0J x 18	225/45R 18	8.0J x 18	225/45R 18	8.0J x 18	225/45R 18	8.0J x 18
				225/40R 19	8.0J x 19	255/35R 19	8.5J x 19
225/40R 19	8.0J x 19	255/35R 19	8.5J x 19	225/45R 18	8.0J x 18	225/45R 18	8.0J x 18
				225/40R 19	8.0J x 19	255/35R 19	8.5J x 19

If you mount snow tyres on your vehicle, make sure to use the same Inflation pressure as the original tyres. Mount snow tyres on all four wheels to balance your vehicle's handling in all weather conditions. The traction provided by snow tyres on dry roads may not be as high as your vehicle's original equipment tyres. Check with the tyre dealer for maximum speed recommendations.

Summer tyres

 if equipped

- Summer tyres are used to maximise the driving performance on dry roads.
- If the temperature is below 7 °C (44.6 °F) or you are driving on snowy or icy roads, the summer tyres lose their brake performance and traction as the tyre grip weakens significantly.
- If the temperature is below 7 °C (44.6 °F) or you are driving on snowy or icy roads, mount snow tyres or all-season tyres of the same size with your vehicle's standard tyre for safe driving. Both snow and all-season tyres have M+S markings.
- When using the M+S tyres, use tyres with the same tread produced by the same manufacturer for safe driving.
- When driving with the M+S tyres with the lower maximum allowable speed than that of the vehicle's standard summer tyre, be careful not to exceed the speed allowed for the M+S tyres.

Tyre chains



As the sidewalls of radial tyres are thinner than other types of tyres, they may be damaged by mounting some types of tyre chains on them. Do not mount tyre chains on vehicles equipped with aluminium wheels. Install the tyre chain after reviewing the instructions provided with the tyre chains. Damage to your vehicle caused by improper tyre chain use is not covered by your vehicle manufacturer's warranty.

WARNING

The use of tyre chains may adversely affect vehicle handling:

- Drive less than 30 km/h or the chain manufacturer's recommended speed limit, whichever is lower.
 - Drive carefully and avoid bumps, holes, sharp turns, and other road hazards, which may cause the vehicle to bounce.
 - Avoid sharp turns or locked wheel braking.
-

i Information

- Install tyre chains only in pairs and on the rear tyres.
- Do not install studded tyres without first checking local and municipal regulations for possible restrictions against their use.

Chain Installation

When installing tyre chains, follow the manufacturer's instructions and mount them as tightly as possible. Drive slowly (less than 30 km/h) with chains installed. If you hear the chains contacting the body or chassis, stop and tighten them. If they still make contact, slow down until the noise stops. Remove the tyre chains as soon as you begin driving on cleared roads.

When mounting tyre chains, park the vehicle on level ground away from traffic. Turn on the vehicle Hazard Warning Flasher and place a triangular emergency warning device behind the vehicle (if available).

Always place the vehicle in P (Park), apply the parking brake and turn off the engine before installing tyre chains.

NOTICE

When using tyre chains:

- Wrong size chains or improperly installed chains can damage your vehicle's brake lines, suspension, body and wheels.
- If you hear noise caused by chains contacting the body, retighten the chain to prevent contact with the vehicle body.
- To prevent body damage, retighten the chains after driving 0.5–1.0 km.

Winter precautions

Use high quality ethylene glycol coolant

Your vehicle is delivered with high quality ethylene glycol coolant in the cooling system. It is the only type of coolant that should be used because it helps prevent corrosion in the cooling system, lubricates the water pump and prevents freezing. Be sure to replace or replenish your coolant in accordance with the maintenance schedule in chapter 9. Before winter, have your coolant tested to ensure that its freezing point is sufficient for the temperatures anticipated during the winter.

Check battery and cables

Winter temperatures affect battery performance. **Inspect the battery and cables, as specified in chapter 9.** The battery charging level can be checked by an authorised Genesis repairer or in a service station.

Change to “winter weight” oil if necessary

In some regions during winter, it is recommended to use the “winter weight” oil with lower viscosity. In addition, replace the engine oil and filter if it is close to the next maintenance interval. Fresh engine oil ensures optimum engine operation during the winter months. For further information, refer to chapter 2. When you are not sure about a type of winter weight oil, we recommend that you consult an authorised Genesis repairer.

Check spark plugs and ignition system

Inspect the spark plugs, as specified in chapter 9. If necessary, replace them. Also check all ignition wirings and components for any cracks, wear-out, and damage.

To prevent locks from freezing

To prevent the locks from being frozen, spray approved de-icing fluid or glycerin into key holes. When a lock opening is already covered with ice, spray approved de-icing fluid over the ice to remove it. When an internal part of a lock freezes, try to thaw it with a heated key. Carefully use the heated key to avoid an injury.

Use approved window washer anti-freeze solution in system

To prevent the window washer from being frozen, add authorised window washer anti-freeze solution, as specified on the window washer container. Window washer anti-freeze solution is available from an authorised Genesis repairer, and most vehicle accessory outlets. Do not use engine coolant or other types of anti-freeze solution, to prevent any damage to the vehicle paint.

Do not let your parking brake freeze

Under some conditions your parking brake can freeze in the engaged position. This is most likely to happen when there is an accumulation of snow or ice around or near the rear brakes or if the brakes are wet. When there is the risk that your parking brake may freeze, temporarily apply it with the gear in P (Park). Also, block the rear wheels in advance, so the vehicle may not roll. Then, release the parking brake.

Do not let ice and snow accumulate underneath

Under some conditions, snow and ice can build up under the fenders and interfere with the steering. When driving in such conditions during the severe winter, you should check underneath the vehicle on a regular basis, to ensure that the front wheels and the steering components are unblocked.

Carry emergency equipment

In accordance with weather conditions, you should carry appropriate emergency equipment, whilst driving. Some of the items you may want to carry include tyre chains, tow straps or chains, flashlight, emergency flares, sand, shovel, jumper cables, window scraper, gloves, ground cloth, coveralls, blanket, etc.

Do not place objects or materials in the engine compartment

Putting objects or materials in the engine compartment may cause an engine failure or fire, because they may block the engine cooling. Such damage will not be covered by the manufacturer's warranty.

Drive your vehicle when water vapour condenses and accumulates inside the exhaust pipes

When the vehicle is stopped for a long time in winter whilst the engine is running, water vapour may condense and accumulate inside the exhaust pipes. Water in the exhaust pipes may cause noise, etc., but it is drained driving at medium to high speed.

Check wiper blades

Clear ice and snow from the windscreen and rear glass. Check if the wiper blades are frozen and stuck to the glass.

If it snows whilst driving, the wiper may temporarily stop operating to prevent itself from being damaged if snow accumulates at the upper and lower part of glass due to its operation. If it stops, clear the snow accumulated at the upper and lower part of the glass and then operate the wiper.

Stopping of wiper operation due to snow accumulation is not a failure. It is a safety issue to prevent damage from occurring when the wiper continues to operate without removing snow whilst driving the vehicle.

Vehicle weight

Two labels on your driver's door sill show how much weight your vehicle was designed to carry: the Tyre and Loading Information Label and the Certification Label.

Before loading your vehicle, familiarize yourself with the following terms for determining your vehicle's weight ratings, from the vehicle's specifications and the Certification Label:

Base Kerb Weight

This is the weight of the vehicle including a full tank of fuel and all standard equipment. It does not include passengers, cargo, or optional equipment.

Vehicle Kerb Weight

This is the weight of your new vehicle when you picked it up from your dealer plus any aftermarket equipment.

Cargo Weight

This figure includes all weight added to the Base Kerb Weight, including cargo and optional equipment.

GAW (Gross Axle Weight)

This is the total weight placed on each axle (front and rear) - including vehicle kerb weight and all payload.

GAWR (Gross Axle Weight Rating)

This is the maximum allowable weight that can be carried by a single axle (front or rear). These numbers are shown on the Certification Label. The total load on each axle must never exceed its GAWR.

GVW (Gross Vehicle Weight)

This is the Base Kerb Weight plus actual Cargo Weight plus passengers.

GVWR (Gross Vehicle Weight Rating)

This is the maximum allowable weight of the fully loaded vehicle (including all options, equipment, passengers and cargo). The GVWR is shown on the Certification Label located on the driver's door sill.

Overloading



WARNING

The Gross Axle Weight Rating (GAWR) and the Gross Vehicle Weight Rating (GVWR) for your vehicle are on the Certification Label attached to the driver's (or front passenger's) door. Exceeding these ratings can cause an accident or vehicle damage. You can calculate the weight of your load by weighing the items (and people) before putting them in the vehicle. Be careful not to overload your vehicle.

Trailer towing

If you are considering towing with your vehicle, you should first check your country's legal requirements. As laws vary the requirements for towing trailers, cars, or other types of vehicles or apparatus may differ. Ask an authorised Genesis repairer for further details before towing.

Remember that towing is different from just driving your vehicle by itself. Towing means changes in handling, durability, and fuel economy. Successful, safe towing requires correct equipment, and it has to be used properly. Damage to your vehicle caused by improper trailer towing is not covered by your vehicle manufacturer's warranty.

This section contains many time-tested, important towing tips and safety rules. Many of these are important for your safety and that of your passengers. Please read this section carefully before you pull a trailer.



WARNING

Take the following precautions:

- If you don't use the correct equipment and/or drive improperly, you can lose control of the vehicle when you are pulling a trailer. For example, if the trailer is too heavy, the braking performance may be reduced. You and your passengers could be seriously or fatally injured. Pull a trailer only if you have followed all the steps in this section.
 - Before towing, make sure the total trailer weight, GCW (Gross Combination Weight), GVW (Gross Vehicle Weight), GAW (Gross Axle Weight) and trailer tongue load are all within the limits.
-

 CAUTION

- Always have your eyes on the road when towing a trailer. When a trailer is connected to the towbar harness installed to your vehicle, the following functions are turned off automatically:
 - Forward Collision-Avoidance Assist
 - Lane Keeping Assist
 - Blind-Spot Collision-Avoidance Assist
 - Safe Exit Warning
 - Lane Following Assist
 - Rear Cross-Traffic Collision-Avoidance Assist
 - Reverse Parking Distance Warning
 - Parking Collision-Avoidance Assist

For more information on each function, refer to chapter 7.

The towbar harness installed to your vehicle must be a genuine Genesis part. For more information, consult an authorised Genesis repairer.

- If a trailer or towbar mounted carrier is attached, it may adversely affect the performance of the rear corner radar.
 - If a trailer, carrier or other attachment is installed around the rear corner radar, Blind-Spot Collision-Avoidance Assist, Safe Exit Warning, Rear Cross-Traffic Collision-Avoidance Assist may not operate properly, or it may operate unexpectedly.
-

If you do decide to pull a trailer (For Australia)

Here are some important points if you decide to pull a trailer:

- Do not do any towing with your vehicle during its first 2,000 km in order to allow the engine to properly run in. Failure to heed this caution may result in serious engine or transmission damage.
- When towing a trailer, be sure to consult an authorised Genesis repairer for further information on additional requirements such as a towing kit, etc.
- Always drive your vehicle at a moderate speed (less than 100 km/h).
- On a long uphill gradient, do not exceed 70 km/h or the posted speed limit, whichever is lower.

Towing Trailer

The recommended towing capacity of this vehicle will be provided with the Genuine Genesis Approved Tow Bar, which will meet the requirements of Australian Standard: AS 4177.

For further information with regard to trailer towing:

- on Genuine Genesis parts and accessories (including Genuine Genesis Approved Tow Bar and it's availability for purchase) please consult your nearest Genesis repairer or visit www.genesis.com

- on Rules and Regulations please consult your State or Territory road authorities.

It is the owner's responsibility to ensure that any tow bar used is compatible with and suitable for your vehicle, and is within the towing capacity of your vehicle. Your Genesis vehicle should not be used to tow heavy loads as it is not designed for such use.

Subject to applicable law, Genesis Motors Australia shall not be liable for any losses, damages, costs, expenses (including but not limited to consequential and indirect losses, personal injury and deaths) caused by towing which is not in compliance with the instructions set out in this owner's manual and under relevant law, rules and regulation.

WARNING

Genesis DO NOT recommend the use of load levelling devices of any type. The use of a load levelling devices may place undue stress on the chassis causing chassis or mounting point failure.

If you do decide to pull a trailer (For New Zealand)

Here are some important points if you decide to pull a trailer:

- Do not do any towing with your vehicle during its first 2,000 km in order to allow the engine to properly run in. Failure to heed this caution may result in serious engine or transmission damage.
- When towing a trailer, be sure to consult an authorised Genesis repairer for further information on additional requirements such as a towing kit, etc.
- Always drive your vehicle at a moderate speed (less than 100 km/h).
- On a long uphill gradient, do not exceed 70 km/h or the posted speed limit, whichever is lower.

Towing Capacity Note

The recommended towing capacity of this vehicle will be provided with the Genuine Genesis/Hyundai Approved Tow Bar.

- To enquire about the towing capacity of this vehicle, please visit www.hyundai.co.nz, or call us on 0800 HYUNDAI.
- To enquire about Genuine Genesis/Hyundai parts and accessories (including the Genuine Genesis/Hyundai Approved Tow Bar and its availability for purchase) please consult your nearest authorised Genesis repairer/service agent, call us on 0800 Genesis or visit www.hyundai.co.nz.

It is the owner's responsibility to ensure that any tow bar used is compatible with and suitable for their vehicle, and is within the towing capacity of their vehicle. Your Genesis vehicle should not be used to tow heavy loads beyond the recommended towing capacities displayed on www.hyundai.co.nz as it is not designed for such use.

Subject to applicable law, Genesis Brand Motors New Zealand Ltd shall not be liable for any losses, damages, costs, expenses (including but not limited to consequential and indirect losses, personal injury and deaths) caused by towing which is not in compliance with instructions set out in the owner's manual.

WARNING

Genesis DO NOT recommend the use of load levelling devices of any type. The use of a load levelling devices may place undue stress on the chassis causing chassis or mounting point failure.

Trailer towing equipment

Towbars

It's important to have the correct towbar equipment. Crosswinds, large trucks going by, and rough roads are a few reasons why you'll need the right towbar. Here are some rules to follow:

- Do you have to make any holes in the body of your vehicle when you install a trailer towbar? If you do, then be sure to seal the holes later when you remove the towbar. If you don't seal them, carbon monoxide (CO) from your exhaust can get into your vehicle, as well as dirt and water.
- The bumpers on your vehicle are not intended for towbars. Do not attach rental towbars or other bumper-type towbars to them. Use only a frame-mounted towbar that does not attach to the bumper.
- A Genesis trailer towbar accessory is available at an authorised Genesis repairer.

NOTICE

We recommend only genuine Genesis towbars (the towbars are made and tested in Australia/NZ for local conditions).

Safety chains

You should always attach chains between your vehicle and your trailer. Instructions about safety chains may be provided by the towbar manufacturer or trailer manufacturer. Follow the manufacturer's recommendation for attaching safety chains. Always leave just enough slack so you can turn with your trailer. And, never allow safety chains to drag on the ground.

Trailer brakes

If your trailer is equipped with a braking system, make sure it conforms to your country's regulations and that it is properly installed and operating correctly.

If your trailer weighs more than the maximum trailer weight without trailer brakes loaded, then it needs its own brakes and they must be adequate. Be sure to read and follow the instructions for the trailer brakes so you'll be able to install, adjust and maintain them properly. Be sure not to modify your vehicle's brake system.

WARNING

Do not use a trailer with its own brakes unless you are absolutely certain that you have properly set up the brake system. This is not a task for amateurs. Use an experienced, competent trailer shop for this work.

Driving with a trailer

Towing a trailer requires a certain amount of experience. Before setting out for the open road, you must get to know your trailer. Acquaint yourself with the feel of handling and braking with the added weight of the trailer. And always keep in mind that the vehicle you are driving is now longer and not nearly as responsive as your vehicle is by itself.

Before you start, check the trailer towbar and platform, safety chains, electrical connector(s), lights, tyres and brakes.

During your trip, occasionally check to be sure that the load is secure, and that the lights and trailer brakes are still working.

Distance

Stay at least twice as far behind the vehicle ahead as you would when driving your vehicle without a trailer. This can help you avoid situations that require heavy braking and sudden turns.

Passing

You will need more passing distance up ahead when you're towing a trailer. And, because of the increased vehicle length, you'll need to go much farther beyond the passed vehicle before you can return to your lane.

Reversing

Hold the bottom of the steering wheel with one hand. Then, to move the trailer to the left, move your hand to the left. To move the trailer to the right, move your hand to the right. Always reverse slowly and, if possible, have someone guide you.

Making turns

When you're turning with a trailer, make wider turns than normal. Do this so your trailer won't strike soft shoulders, kerbs, road signs, trees, or other objects. Avoid jerky or sudden manoeuvres. Signal well in advance.

Turn signals

When you tow a trailer, your vehicle has to have a different turn signal flasher and extra wiring. The green arrows on your instrument panel will flash whenever you signal a turn or lane change. Properly connected, the trailer lights will also flash to alert other drivers you're about to turn, change lanes, or stop.

When towing a trailer, the green arrows on your instrument panel will flash for turns even if the bulbs on the trailer are burned out. Thus, you may think drivers behind you are seeing your signals when, in fact, they are not. It's important to check occasionally to be sure the trailer bulbs are still working. You must also check the lights every time you disconnect and then reconnect the wires.

WARNING

Do not connect a trailer lighting system directly to your vehicle's lighting system. Use an approved trailer wiring harness. Failure to do so could result in damage to the vehicle electrical system and/or personal injury. Consult an authorised Genesis repairer for assistance.

Driving on hills

Reduce speed and shift to a lower gear before you start down a long or steep downgrade. If you don't shift down, you might have to use your brakes so much that they become overheated and may not operate efficiently.

On a long uphill grade, shift down and reduce your speed to around 70 km/h to reduce the possibility of engine and transmission overheating.

If your trailer weighs more than the maximum trailer weight without trailer brakes and you have an automatic transmission, you should drive in D (Drive) when towing a trailer.

Operating your vehicle in D (Drive) when towing a trailer will minimise heat build-up and extend the life of your transmission.

NOTICE

To prevent engine and/or transmission overheating:

- When towing a trailer on steep grades (in excess of 6%) pay close attention to the engine coolant temperature gauge to ensure the engine does not overheat. If the needle of the coolant temperature gauge moves towards "H" (HOT), pull over and stop as soon as it is safe to do so, and allow the engine to idle until it cools down. You may proceed once the engine has cooled sufficiently.
- If you tow a trailer with the maximum gross vehicle weight and maximum trailer weight, it can cause the engine or transmission to overheat. When driving in such conditions, allow the engine to idle until it cools down. You may proceed once the engine or transmission has cooled sufficiently.
- When towing a trailer, your vehicle speed may be much slower than the general flow of traffic, especially when climbing an uphill gradient. Use the left hand lane when towing a trailer on an uphill gradient. Choose your vehicle speed according to the maximum posted speed limit for vehicles with trailers, the steepness of the gradient, and your trailer weight.

Parking on hills

Generally, if you have a trailer attached to your vehicle, you should not park your vehicle on a hill.

However, if you ever have to park your trailer on a hill, here's how to do it:

1. Pull the vehicle into the parking space.
Turn the steering wheel in the direction of the kerb (left if headed down hill, right if headed up hill).
2. Shift the vehicle to P (Park).
3. Apply the parking brake and shut off the vehicle.
4. Place wheel chocks under the trailer wheels on the down hill side of the wheels.
5. Start the vehicle, hold the brakes, shift to neutral, release the parking brake and slowly release the brakes until the trailer chocks absorb the load.
6. Reapply the brakes and parking brake.
7. Move the shift lever to P (Park) when the vehicle is parked on an uphill gradient.
8. Shut off the vehicle and release the vehicle brakes but apply the parking brake.

WARNING

Do not connect a trailer lighting system directly to your vehicle's lighting system. Use an approved trailer wiring harness. Failure to do so could result in damage to the vehicle electrical system and/or personal injury. Consult an authorised Genesis repairer for assistance.

Ready to leave after parking on a hill

1. With the shift lever in P (Park), apply your brakes and hold the brake pedal down whilst you:
 - Start your engine
 - Shift into gear
 - Release the parking brake.
2. Slowly remove your foot from the brake pedal.
3. Drive slowly until the trailer is clear of the chocks.
4. Stop and have someone pick up and store the chocks.

Maintenance when towing a trailer

Your vehicle will need a service more often when you regularly pull a trailer. Important items to pay particular attention to include engine oil, automatic transmission fluid, axle lubricant and cooling system fluid. Brake condition is another important item to frequently check. If you're towing, it's a good idea to review these items before you start your trip. Don't forget to also maintain your trailer and towbar. Follow the maintenance schedule that accompanied your trailer and check it periodically. Preferably, conduct the check at the start of each day's driving. Most importantly, all towbar nuts and bolts should be tight.

NOTICE

To prevent vehicle damage:

- Due to higher load during trailer usage, overheating might occur on hot days or during uphill driving. If the coolant gauge indicates over-heating, switch off the air conditioning and stop the vehicle in a safe area to cool down the engine.
- Do not switch off the engine whilst the coolant gauge indicates over-heating. (Keep the engine idle to cool down the engine)
- When towing check automatic transmission fluid more frequently.

7. Driver assistance systems

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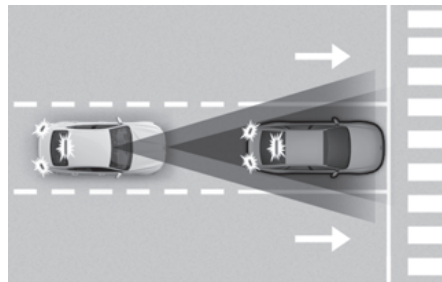
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Driver assistance system notice

Due to infotainment software versions, the description of each function of the driver assistance system may differ from the owner's manual.

Forward Collision-Avoidance Assist (FCA) (Sensor fusion)

Basic function

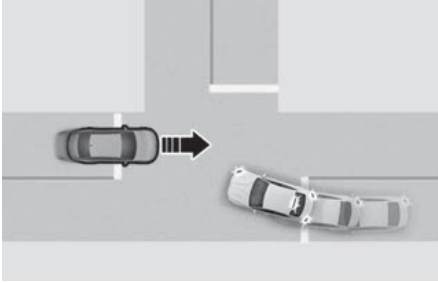


Forward Collision-Avoidance Assist detects a vehicle, a powered two-wheeler, a pedestrian, or a cyclist ahead on the road and may warn you of a possible collision with a warning message on the instrument cluster and a warning sound. Also, Forward Collision-Avoidance Assist may assist with braking your vehicle to help reduce collision speed or avoid a collision.

i Information

A powered two-wheeler indicates mopeds with 50 cc and restricted top speed or motorcycles.

Junction Turning function

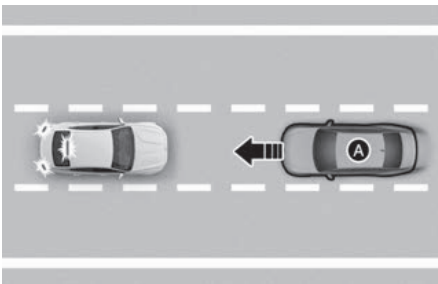


Junction Turning function can help avoid a collision with an oncoming vehicle or powered two-wheeler in an adjacent lane when turning right at a crossroad with the turn signal on, by applying emergency braking.

i Information

A powered two-wheeler indicates mopeds with 50 cc and restricted top speed or motorcycles.

Direct Oncoming function



[A] Oncoming vehicle

Direct Oncoming function helps reduce the speed of the collision when a vehicle or powered two-wheeler approaching from the opposite direction is detected.

i Information

A powered two-wheeler indicates mopeds with 50 cc and restricted top speed or motorcycles.

Detecting sensor



- (1) Front view camera
- (2) Front radar

See the image above for the detailed location of the detecting sensors.

CAUTION

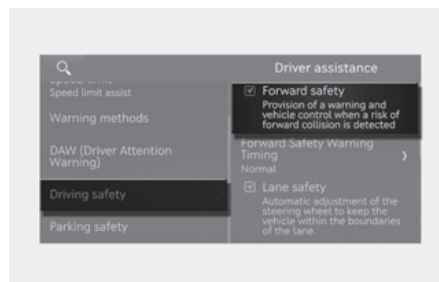
Take the following precautions to maintain optimal performance of the detecting sensor:

- Never disassemble the detecting sensor or sensor assembly, or cause any damage to it.
- If the detecting sensors have been replaced or repaired, we recommend that you have your vehicle inspected by an authorised Genesis repairer.
- Never install any accessories or stickers on the front windscreen, or tint the front windscreen.
- Exercise extreme caution to keep the front view camera dry.
- Never place any reflective objects (for example, white paper, mirror) over the instrument panel.
- Do not place any objects near the front windscreen or install any accessories on the front windscreen. It can affect the performance of the defogging and defrosting function of the climate control system, which may prevent the Driver Assistance systems from operating.

- Do not apply licence plate frame or objects, such as a bumper sticker, film or a bumper guard, near the front radar cover.
- Do not change the position of the licence plate. The front radar's detection and control performance may be affected.
- Always keep the front radar and cover clean and free of dirt and debris.
Use only a soft cloth to wash the vehicle. Do not spray pressurised water directly on the sensor or sensor cover.
- If the radar or around the radar has been damaged or impacted in any way, Forward Collision-Avoidance Assist may not properly operate even though a warning message does not appear on the instrument cluster. We recommend that the vehicle be inspected by an authorised Genesis repairer.
- Use only genuine parts to repair or replace a damaged front radar cover. Do not apply paint to the front radar cover.
- If a trailer or towbar mounted carrier is attached, it may adversely affect the performance of the Forward Collision-Avoidance Assist.

Forward Collision-Avoidance Assist settings

Forward safety



With the engine on, select **Settings > Vehicle > Driver assistance > Driving safety** in the infotainment system to set whether to use each function.

- If **Forward safety** is selected, Forward Collision-Avoidance Assist will warn the driver with a warning message and an audible warning depending on the collision risk levels. Braking assist will be applied depending on the collision risk levels. If **Forward safety** is deselected, Forward Safety will turn off. The 🚗 warning light will illuminate on the instrument cluster.

The driver can monitor Forward Collision-Avoidance Assist On/Off status from the Settings menu. If the 🚗 warning light remains ON when Forward Collision-Avoidance Assist is on, we recommend that the vehicle be inspected by an authorised Genesis repairer.

WARNING

When the engine is restarted, Forward Collision-Avoidance Assist will always turn on. However, if **Forward safety** is deselected, the driver should always be aware of the surroundings and drive safely.

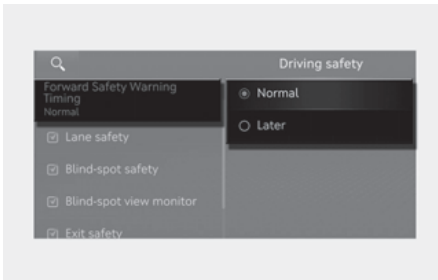
CAUTION

The setting for Forward Safety includes “Basic function”, “Junction Turning”, and “Direct Oncoming”.

Information

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

Forward Safety Warning Timing



With the engine on, select **Settings > Vehicle > Driver assistance > Driving safety > Forward Safety Warning Timing** in the infotainment system to change the initial warning activation time for Forward Collision-Avoidance Assist. The warning time can be set to either **Normal** or **Later**

- Use **Normal** in normal driving conditions. If the Warning Timing seems sensitive, change it to **Later**.
 - If **Later** is selected, Forward Collision-Avoidance Assist, warns the driver more slowly.

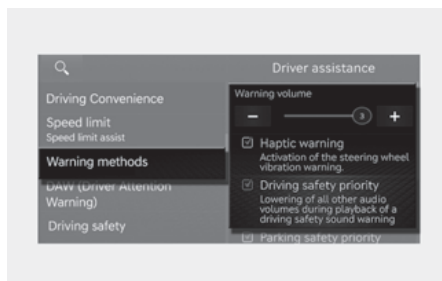
CAUTION

- Even though **Normal** is selected for Warning Timing, if the front vehicle suddenly stops, the warning may seem late.
- Select **Later** for Warning Timing when traffic is light and when driving speed is slow.

Information

- When the engine is restarted, Forward Safety Warning Timing maintains the previous setting.
- The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

Warning methods



The Warning methods can be set with the engine on.

- **Warning volume:** Select **Settings > Vehicle > Driver assistance > Warning methods > Warning volume** from the settings menu in the infotainment system to change the warning volume. If you turn off the **Warning volume**, for your safety, the function may warn you with a low volume.
- **Haptic warning:** Select **Settings > Vehicle > Driver assistance > Warning methods > Haptic warning** from the settings menu in the infotainment system to set haptic warning.
- **Driving safety priority:** Select **Settings > Vehicle > Driver assistance > Warning methods > Driving safety priority** from the settings menu in the infotainment system.

If **Driving safety priority** is selected, the vehicle lowers all other audio volumes when the warning sounds for safe driving.

i Information

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

i Information

- If you change the Warning methods, the Warning methods of other Driver assistance systems may change.
- The **Warning volume** and **Haptic warning** cannot be turned off at the same time. When one of the warnings are turned off the other is activated.
- If the engine is restarted, Warning methods will maintain the previous setting.
- The setting menu may not exist depending on the vehicle specification.

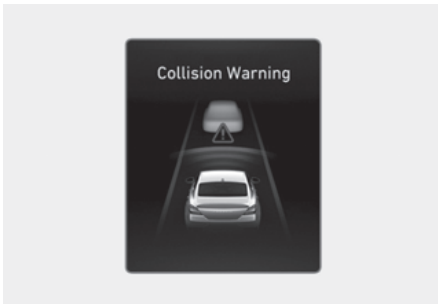
Forward Collision-Avoidance Assist operation

Basic function

The basic function for Forward Collision-Avoidance Assist is to warn and help control the vehicle depending on the collision risk level: “Collision Warning”, “Emergency Braking” and “Stopping vehicle and ending brake control”.

Collision Warning

Sedan



Shooting Brake



To warn the driver of a collision, the “**Collision Warning**” warning message appears, and the ⚠ warning light blinks on the instrument cluster with a warning sound and the steering wheel vibrates.

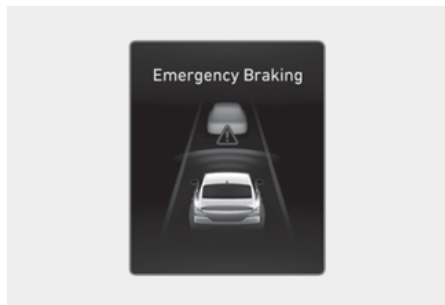
- If a vehicle or powered two-wheeler is detected in front, the function will operate when your vehicle speed is between about 10- 200 km/h.
- If a pedestrian or cyclist is detected in front, the function operates when your vehicle speed is between about 10- 85 km/h.

i Information

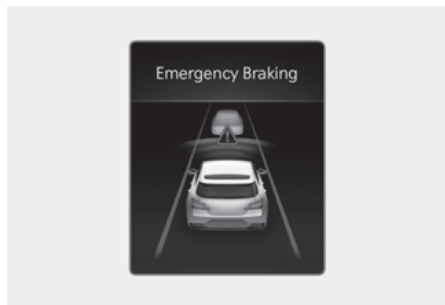
A powered two-wheeler indicates mopeds with 50 cc and restricted top speed or motorcycles.

Emergency Braking

Sedan



Shooting Brake



To warn the driver that emergency braking will be assisted, the “**Emergency Braking**” warning message appears and the ⚠ warning light blinks on the instrument cluster with a warning sound and the steering wheel vibrates.

Emergency braking will operate under the following conditions.

- Vehicle or powered two-wheeler:

	Driving vehicle	Stopped vehicle
Weak braking power	About 10-200 km/h	
Strong braking power	About 10-130 km/h	About 10-75 km/h

- Pedestrian or cyclist:

The function will operate when your vehicle speed is between about 10- 65 km/h.

WARNING

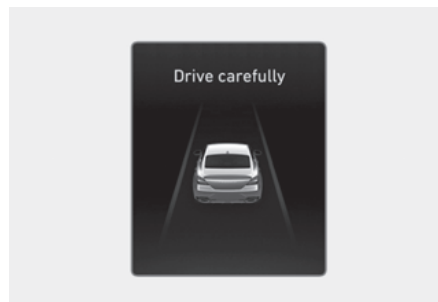
- The operating speed range may be limited depending on the state of the vehicle in front or the surroundings.
- During night driving, detection of powered two-wheelers may degrade and Forward Collision-Avoidance Assist may not operate properly or be temporarily limited.

Information

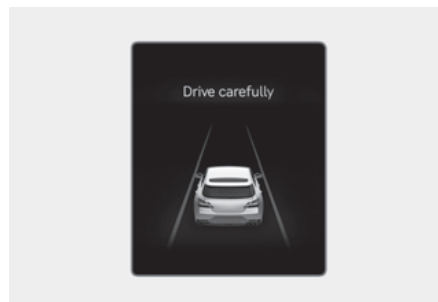
A powered two-wheeler indicates mopeds with 50 cc and restricted top speed or motorcycles.

Stopping vehicle and ending brake control

Sedan



Shooting Brake



- When the vehicle is stopped due to emergency braking, the “**Drive carefully**” warning message will appear on the instrument cluster.

For your safety, the driver should press the brake pedal immediately and check the surroundings.

- Brake control will end after the vehicle is stopped by emergency braking for about 2 seconds.

Junction Turning function

Junction Turning function will warn and help control the vehicle depending on the collision risk level: “Collision Warning”, “Emergency Braking” and “Stopping vehicle and ending brake control”.

Collision Warning

Sedan



Shooting Brake



To warn the driver of a collision, the “**Collision Warning**” warning message appears and the 🚨 warning light blinks on the instrument cluster with a warning sound and the steering wheel vibrates.

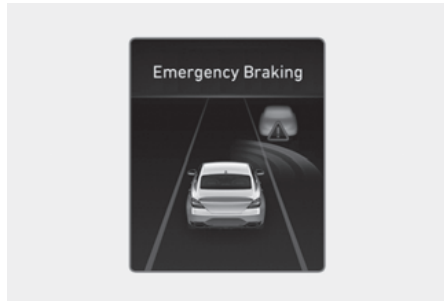
- The function will operate when your vehicle speed is between about 10- 30 km/h and the oncoming vehicle or powered two-wheeler speed is between about 30-70 km/h.

i Information

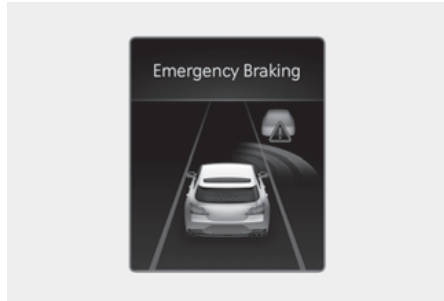
A powered two-wheeler indicates mopeds with 50 cc and restricted top speed or motorcycles.

Emergency Braking

Sedan



Shooting Brake



To warn the driver that emergency braking will be assisted, the “**Emergency Braking**” warning message appears and the 🚨 warning light blinks on the instrument cluster with a warning sound and the steering wheel vibrates.

In emergency braking situation, braking is assisted with strong braking power to help prevent collision with the oncoming vehicle.

- The function will operate when your vehicle speed is between about 10- 30 km/h and the oncoming vehicle or powered two-wheeler speed is between about 30-70 km/h.

i Information

A powered two-wheeler indicates mopeds with 50 cc and restricted top speed or motorcycles.

Stopping vehicle and ending brake control

Sedan



Shooting Brake



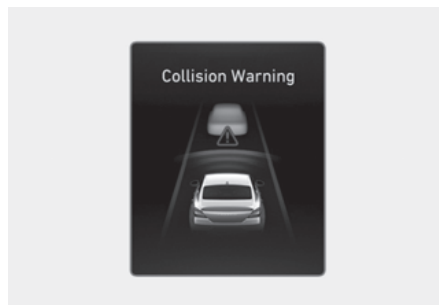
- When the vehicle is stopped due to emergency braking, the **"Drive carefully"** warning message will appear on the instrument cluster.
For your safety, the driver should press the brake pedal immediately and check the surroundings.
- Brake control will end after the vehicle is stopped by emergency braking for about 2 seconds.

Direct Oncoming function

Direct Oncoming function will warn and control the vehicle depending on the collision risk level: "Collision Warning", "Emergency Braking" and "Stopping vehicle and ending brake control".

Collision Warning

Sedan



Shooting Brake



To warn the driver of a collision, the **"Collision Warning"** warning message appears and the  warning light blinks on the instrument cluster with a warning sound and the steering wheel vibrates.

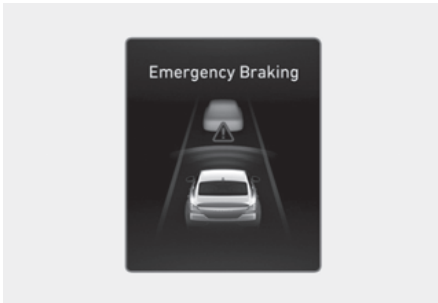
- The function will operate when your vehicle speed is about 30-130 km/h and the oncoming vehicle or powered two-wheeler speed is above about 10 km/h.

i Information

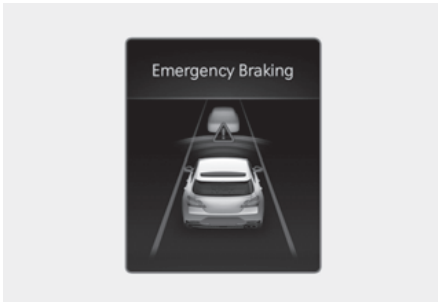
A powered two-wheeler indicates mopeds with 50 cc and restricted top speed or motorcycles.

Emergency Braking

Sedan



Shooting Brake



To warn the driver that emergency braking will be assisted, the “**Emergency Braking**” warning message appears and the  warning light blinks on the instrument cluster with a warning sound and the steering wheel vibrates.

In emergency braking situation, braking is assisted with strong braking power to help prevent collision with the oncoming vehicle.

- The function will operate when your vehicle speed is about 30-130 km/h and the oncoming vehicle or powered two-wheeler speed is above about 10 km/h.

i Information

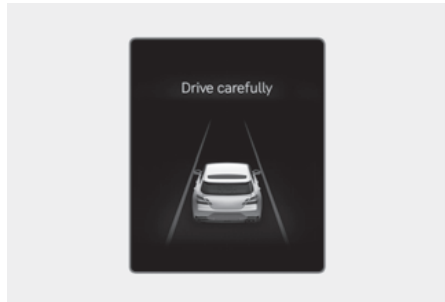
A powered two-wheeler indicates mopeds with 50 cc and restricted top speed or motorcycles.

Stopping vehicle and ending brake control

Sedan



Shooting Brake



- When the vehicle is stopped due to emergency braking, the “**Drive carefully**” warning message will appear on the instrument cluster.
For your safety, the driver should press the brake pedal immediately and check the surroundings.
- Brake control will end after the vehicle is stopped by emergency braking for about 2 seconds.

CAUTION

- If your vehicle or the oncoming vehicle is not driving straight, the Direct Oncoming function warning and control may be late or may not operate.
- When driving at night, the powered two-wheeler recognition performance is degraded, so Forward Collision-Avoidance Assist may be temporarily limited or may not work.

Information

When a collision warning is being issued or emergency braking is being engaged, press the hazard warning flasher button to turn off the warning sound.

WARNING

- For your safety, only change the Settings after parking the vehicle at a safe location.
- Forward Collision-Avoidance Assist does not operate in all situations and cannot avoid all collisions.
- It is the driver's responsibility to control the vehicle. Do not solely depend on Forward Collision-Avoidance Assist. Rather, maintain a safe braking distance, and if necessary, press the brake pedal to reduce driving speed or to stop the vehicle.
- Never deliberately test Forward Collision-Avoidance Assist on people, objects, etc. It may cause serious injury or death.
- Forward Collision-Avoidance Assist may not operate if the driver presses the brake pedal to avoid collision.
- During Forward Collision-Avoidance Assist operation, the vehicle may stop suddenly injuring passengers and shifting loose objects. Ensure ALL passengers are wear their seat belts and keep loose objects secured.
- If any other system's warning message appears or audible warning is being generated, Forward Collision-Avoidance Assist warning message may not appear and an audible warning may not be generated.
- You may not hear the warning sound of Forward Collision-Avoidance Assist if the surrounding are noisy.
- Forward Collision-Avoidance Assist may turn off or may not operate properly or may operate unnecessarily depending on the road conditions and the surroundings.
- Even if there is a problem with Forward Collision-Avoidance Assist, the vehicle's basic braking performance will operate properly.
- During emergency braking, braking control by Forward Collision-Avoidance Assist will automatically cancel when the driver excessively presses the accelerator pedal or sharply steers the vehicle.

CAUTION

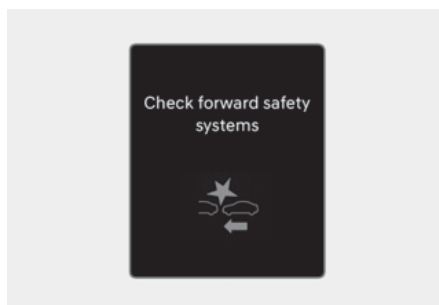
- Depending on the condition of the vehicle, powered two-wheeler, and pedestrian or cyclist in front and the surroundings, the speed range to operate Forward Collision-Avoidance Assist may reduce. Forward Collision-Avoidance Assist may only warn the driver, or it may not operate.
- Forward Collision-Avoidance Assist will operate under certain conditions by judging the risk level based on the condition of the oncoming vehicle or powered two-wheeler, driving direction, speed and surroundings.
- Only Forward Collision-Avoidance Assist warning and collision mitigation are possible depending on the detectable distance.

Information

- In a situation where collision is imminent, braking may be assisted by Forward Collision-Avoidance Assist when braking is insufficient by the driver.
- The images and colours in the instrument cluster may differ depending on the instrument cluster type or theme selected from the settings menu.
- A powered two-wheeler indicates mopeds with 50 cc and restricted top speed or motorcycles.

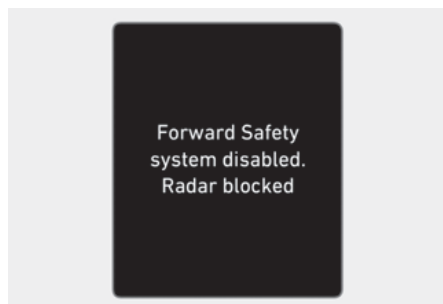
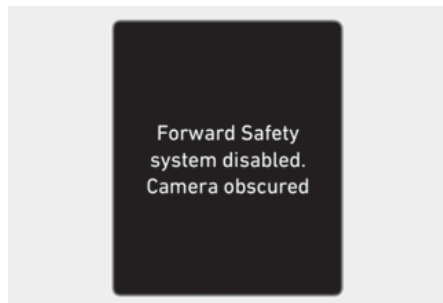
Forward Collision-Avoidance Assist malfunction and limitations

Forward Collision-Avoidance Assist malfunction



When Forward Collision-Avoidance Assist is not working properly, the “**Check forward safety systems**” warning message will appear, and the  and  warning lights will illuminate on the instrument cluster. We recommend that the vehicle be inspected by an authorised Genesis repairer.

Forward Collision-Avoidance Assist disabled



When the front windscreen at the location of the front view camera, front radar cover, or sensor is covered with foreign material, such as snow, rain or fog, it can reduce the systems detecting performance and temporarily limit or disable Forward Collision-Avoidance Assist.

If this occurs the **“Forward Safety system disabled. Camera obscured”** or the **“Forward Safety system disabled. Radar blocked”** warning message, and the  and  warning lights will illuminate on the instrument cluster.

Forward Collision-Avoidance Assist will operate properly when snow, rain or foreign material is removed.

If Forward Collision-Avoidance Assist does not operate properly after the obstruction (snow, rain, or foreign material) is removed (including trailer, carrier, etc., from the rear bumper), we recommend that the vehicle be inspected by an authorised Genesis repairer.

WARNING

- Even though the warning message or warning light does not appear on the instrument cluster, Forward Collision-Avoidance Assist may still not operate properly.
- Forward Collision-Avoidance Assist may not properly operate in an area (for example, open terrain), where objects are not detected after turning ON the engine.
- If the vehicle is restarted when the sensors are disabled or malfunctioning, Forward Collision-Avoidance Assist may not operate properly.

Limitations of Forward Collision-Avoidance Assist

Forward Collision-Avoidance Assist may not operate properly, or it may operate unexpectedly under the following circumstances:

- The detecting sensor or its surroundings are contaminated or damaged
- The temperature around the front view camera is high or low due to surrounding environment
- The camera lens is contaminated due to tinted, filmed or coated windscreen, damaged glass, or sticky foreign material (sticker, bug, etc.) on the glass
- Moisture is not removed or frozen on the windscreen
- Washer fluid is continuously sprayed, or the wipers are on
- Driving in heavy rain or snow, or thick fog
- The field of view of the front view camera is obstructed by sun glare
- Street light or light from an oncoming traffic is reflected on the wet road surface, such as a puddle on the road
- An object is placed on the instrument panel
- Your vehicle is being towed
- The surroundings are very bright
- The surroundings are very dark, such as in a tunnel, etc.
- The light level changes suddenly, for example when entering or exiting a tunnel
- The light levels outside are low, and the headlamps are not on or are not bright
- Driving through steam, smoke or shadow
- Only part of the vehicle, powered two-wheeler, and pedestrian or cyclist is detected
- The vehicle in front is a bus, heavy truck, truck with an unusually shaped cargo, trailer, etc.
- The vehicle and powered two-wheeler in front has no tail lamps, tail lamps are located unusually, etc.
- The light levels outside are low, and the tail lamps are not on or are not bright
- The rear of the front vehicle and powered two-wheeler is small or the vehicle and powered two-wheeler does not look normal, such as when the vehicle is tilted, overturned, or the side of the vehicle is visible, etc.
- The front vehicle's ground clearance is low or high
- A vehicle and powered two-wheeler, and pedestrian or cyclist suddenly cuts in front
- The bumper around the front radar is impacted, damaged or the front radar is out of position
- The temperature around the front radar is high or low
- Driving through a tunnel or iron bridge
- Driving in vast areas where there are few vehicles or structures (for example, desert, meadow, suburb, etc.)
- Driving near areas containing metal substances, such as a construction zone, railroad, etc.
- A material is near that reflects very well on the front radar, such as a guardrail, nearby vehicle, etc.
- The cyclist in front is on a bicycle made of material that does not reflect on the front radar
- The vehicle or powered two-wheeler in front is detected late
- The vehicle or powered two-wheeler in front is suddenly blocked by an obstacle
- The vehicle or powered two-wheeler in front suddenly changes lane or suddenly reduces speed

- The vehicle or powered two-wheeler in front is bent out of shape
- The front vehicle or powered two-wheeler speed is fast or slow
- The vehicle or powered two-wheeler in front is covered with snow
- You are departing or returning to the lane
- Unstable driving
- You are on a roundabout and the vehicle in front is not detected
- You are continuously driving in a circle
- The vehicle or powered two-wheeler in front has an unusual shape
- The vehicle or powered two-wheeler in front is driving uphill or downhill
- The pedestrian or cyclist is not fully detected, for example, if the pedestrian is leaning over or is not fully walking upright
- The pedestrian or cyclist is wearing clothing or equipment that makes it difficult to detect

i Information

A powered two-wheeler indicates mopeds with 50 cc and restricted top speed or motorcycles.



The image above shows the image the front view camera and front radar are capable of detecting as a vehicle, powered two-wheeler, and pedestrian and cyclist.

- The pedestrian or cyclist in front is moving very quickly
- The pedestrian or cyclist in front is short or is posing a low posture
- The pedestrian or cyclist in front has impaired mobility
- The pedestrian or cyclist in front is moving intersected with the driving direction
- There is a group of pedestrians, cyclists or a large crowd in front
- The pedestrian or cyclist is wearing clothing that easily blends into the background, making it difficult to detect
- The pedestrian or cyclist is difficult to distinguish from the similarly shaped structure in the surroundings
- You are driving by a pedestrian, cyclist, traffic signs, structures, etc., near a junction
- Driving in a car park
- Driving through a tollgate, construction area, unpaved road, partial paved road, uneven road, speed bumps, etc.
- Driving on a gradient, curved road, etc.
- Driving on a road with trees or streetlights

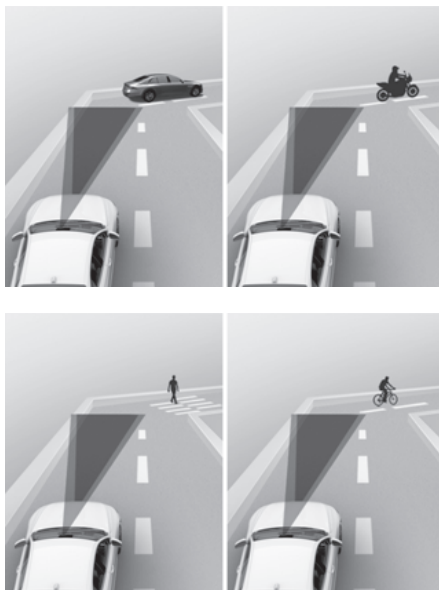
- Adverse road conditions cause excessive vehicle vibrations whilst driving
- Your vehicle height is low or high due to heavy loads, abnormal tyre pressure, etc.
- Driving on a narrow road where trees or grass are overgrown
- There is interference from electromagnetic waves, such as driving in an area with strong radio waves or electrical noise

i Information

A powered two-wheeler indicates mopeds with 50 cc and restricted top speed or motorcycles.

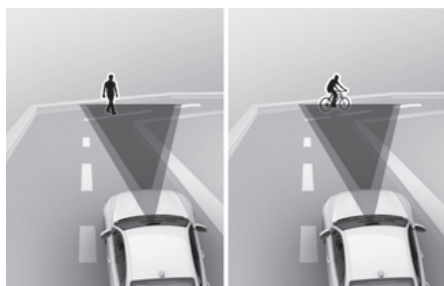
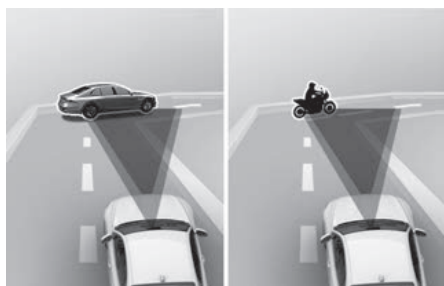
WARNING

- **Driving on a curved road**



Forward Collision-Avoidance Assist may not detect a vehicle, a powered two-wheeler, and a pedestrian or a cyclist in front when driving on curved roads adversely affecting the performance of the sensors. This may result in no warning, braking assist when necessary.

When driving on a curve, you must maintain a safe braking distance, and if necessary, press the brake pedal to reduce your driving speed in order to maintain a safe distance.



Forward Collision-Avoidance Assist may detect a vehicle, powered two-wheeler, and pedestrian or cyclist in the next lane or outside the lane when driving on a curved road.

If this occurs, Forward Collision-Avoidance Assist may unnecessarily warn the driver and control the brake. Always check the traffic conditions around the vehicle.

- Driving on a gradient



Forward Collision-Avoidance Assist may not detect a vehicle, a powered two-wheeler, and a pedestrian or a cyclist in front of you whilst driving uphill or downhill, adversely affecting the performance of the sensors.

This may result in unnecessary warning, braking assist or no warning, braking assist when necessary.

Also, vehicle speed may rapidly decrease when vehicle, powered two-wheeler, and pedestrian or cyclist ahead is suddenly detected.

Always have your eyes on the road whilst driving uphill or downhill and if necessary, steer your vehicle and press the brake pedal to reduce your driving speed in order to maintain a safe distance.

- **Changing lanes**



[A] Your vehicle

[B] Lane changing vehicle or powered-two wheeler

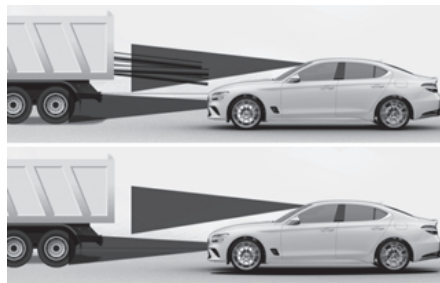
When a vehicle moves into your lane from an adjacent lane, it cannot be detected by the sensor until it is in the sensor's detection range. Forward Collision-Avoidance Assist may not immediately detect the vehicle when the vehicle changes lanes abruptly. In this case, you must maintain a safe braking distance, and if necessary, steer your vehicle and press the brake pedal to reduce your driving speed in order to maintain a safe distance.



- [A] Your vehicle
 [B] Lane changing vehicle
 [C] Same lane vehicle or powered two-wheeler

When a vehicle in front of you merges out of the lane, Forward Collision-Avoidance Assist may not immediately detect the vehicle or powered two-wheeler that is now in front of you. In this case, you must maintain a safe braking distance, and if necessary, steer your vehicle and press the brake pedal to reduce your driving speed in order to maintain a safe distance.

• Detecting vehicle



If the vehicle in front of you has cargo that extends rearward from the cab, or when the vehicle in front of you has higher ground clearance, additional special attention is required. Forward Collision-Avoidance Assist may not be able to detect the cargo extending from the vehicle. In these instances, you must maintain a safe braking distance from the rearmost object, and if necessary, steer your vehicle and press the brake pedal to reduce your driving speed in order to maintain distance.

WARNING

- When you are towing a trailer or another vehicle, turn off Forward Collision-Avoidance Assist for safety reasons.
- Forward Collision-Avoidance Assist may operate if objects that are similar in shape or characteristics to vehicles, powered two-wheeler, pedestrians and cyclists are detected.
- Forward Collision-Avoidance Assist does not operate on bicycles, or smaller wheeled objects, such as luggage bags, shopping carts, or strollers.
- Forward Collision-Avoidance Assist may not operate properly with interference from strong electromagnetic waves.
- Forward Collision-Avoidance Assist may not operate for about 15 seconds after the vehicle is started, or the front view camera is initialised.

i Information

A powered two-wheeler indicates mopeds with 50 cc and restricted top speed or motorcycles.

Lane Keeping Assist (LKA)

Whilst driving over a certain speed, Lane Keeping Assist detects lane markings (or road edges) and may warn you if your vehicle leaves the lane without using the turn signal and may assist with steering to prevent your vehicle departing from its travel lane.

Detecting sensor



(1) Front view camera

The front view camera is used as a detecting sensor to detect lane markings (or road edges).

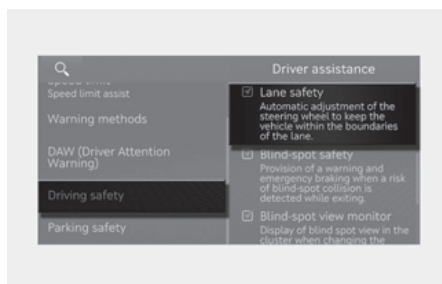
See the image above for the detailed location of the detecting sensor.

CAUTION

For more details on the precautions of the front view camera, refer to the “Forward Collision-Avoidance Assist (FCA) (Sensor fusion)” section in this chapter.

Lane Keeping Assist settings

Lane Safety



With the engine on, select **Settings > Vehicle > Driver assistance > Driving safety > Lane safety** from the settings menu in the infotainment system to set whether to use each function.

If **Lane safety** is selected, Lane Keeping Assist automatically assists the driver's steering when lane departure is detected to help prevent the vehicle from moving out of its lane. If **Lane safety** is deselected, Lane Keeping Assist turns off, and the yellow indicator light turns on on the instrument cluster.

WARNING

- Lane Keeping Assist does not control the steering wheel when the vehicle is driven in the middle of the lane.
- The driver should always be aware of the surroundings. If **Lane safety** is deselected, Lane Keeping Assist cannot assist you.

Warning methods



The Warning methods can be set with the engine on.

- **Warning volume:** Select **Settings > Vehicle > Driver assistance > Warning methods > Warning volume** from the settings menu in the infotainment system to change the warning volume.
- **Haptic warning:** Select **Settings > Vehicle > Driver assistance > Warning methods > Haptic warning** from the settings menu in the infotainment system to set haptic warning.
- **Driving safety priority:** Select **Settings > Vehicle > Driver assistance > Warning methods > Driving safety priority** from the settings menu in the infotainment system.

If **Driving safety priority** is selected, the vehicle lowers all other audio volumes when the warning sounds for safe driving.

i Information

- If you change the Warning methods, the Warning methods of other Driver assistance systems may change.
 - The **Warning volume** and **Haptic warning** cannot be turned off at the same time. When one of the warnings are turned off the other is activated.
 - If the engine is restarted, Warning methods will maintain the previous setting.
 - The setting menu may not exist depending on the vehicle specification.
-

Lane Keeping Assist operation

Turning Lane Keeping Assist On/Off



Whenever the vehicle is turned on, Lane Keeping Assist will always turn on. The grey or green  indicator light will illuminate on the instrument cluster. When Lane Keeping Assist is on, press and hold the Lane Driving Assist () button to turn off the function. The  indicator turns yellow when Lane Keeping Assist is off.

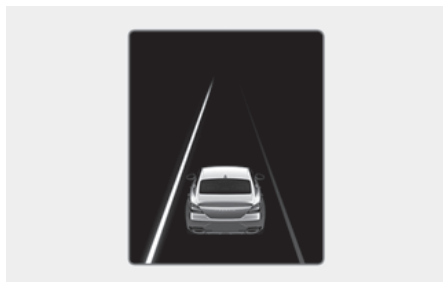
i Information

- When Lane Keeping Assist is ready to operate, the  indicator turns grey on the instrument cluster.
 - When Lane Keeping Assist is operating, the  indicator turns green on the instrument cluster.
-

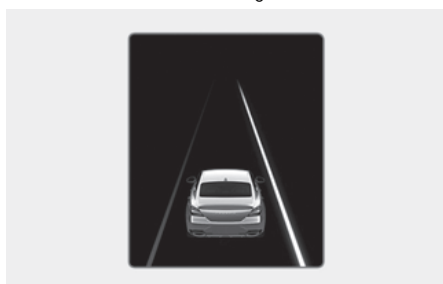
Warning and control

Lane Keeping Assist will warn and help control the vehicle with Lane Departure Warning and Lane Keeping Assist.

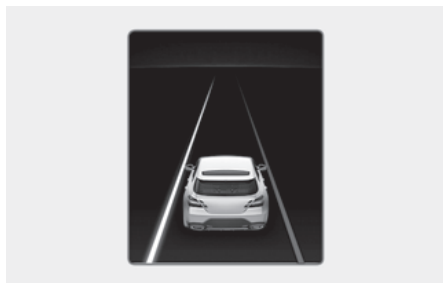
Sedan - Left



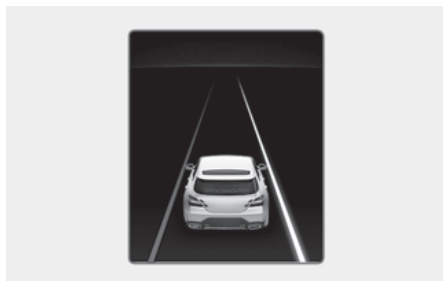
Sedan - Right



Shooting Brake - Left



Shooting Brake - Right



Lane Departure Warning

- To warn the driver that the vehicle is departing from the projected lane in front, the green  indicator light will blink on the instrument cluster, the lane line will blink on the instrument cluster depending on which direction the vehicle is veering, and an audible warning will sound. Also, the steering wheel vibrates.
- Lane Keeping Assist will operate when your vehicle speed is about 60-200 km/h.

Lane Keeping Assist

- To warn the driver that the vehicle is departing from the projected lane in front, the green  indicator light will blink on the instrument cluster, and the steering wheel will make adjustments to keep vehicle inside the lane.
- Lane Keeping Assist will operate when your vehicle speed is about 60-200 km/h.

Hands-off warning



If the driver takes their hands off the steering wheel for several seconds, the **"Keep hands on the steering wheel"** warning message appears on the instrument cluster, and an audible warning sounds in stages.

WARNING

- The steering wheel may not be assisted if the steering wheel is held very tight or the steering wheel is steered over a certain degree.
- Lane Keeping Assist does not operate at all times. It is the driver's responsibility to safely steer the vehicle and to maintain the vehicle in its lane.
- The hands-off warning message may appear late depending on road conditions. Always have your hands on the steering wheel whilst driving.
- If the steering wheel is held very lightly, the hands-off warning message may appear because Lane Keeping Assist may not recognise that the driver has their hands on the steering wheel.
- If you attach objects to the steering wheel, the hands-off warning may not work properly.

Information

- For more information on instrument cluster settings, refer to the "Instrument cluster display control" section in chapter 4.
- When lane markings (or road edges) are detected, the lane lines on the instrument cluster will change from grey to white and the green  indicator light will illuminate.

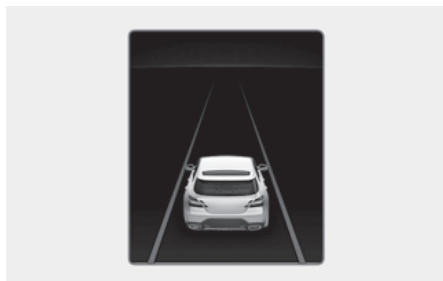
Sedan - Lane undetected



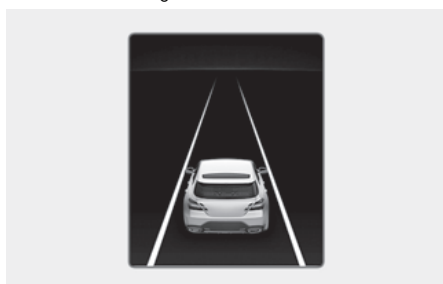
Sedan - Lane detected



Shooting Brake - Lane undetected



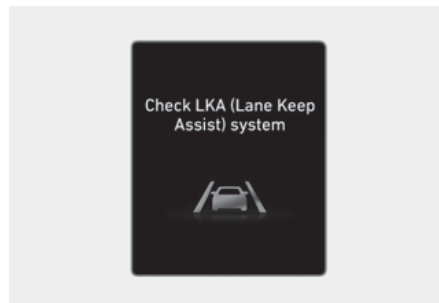
Shooting Brake - Lane detected



- The images and colours in the instrument cluster may differ depending on the instrument cluster type or theme selected from the instrument cluster.
- Even though the steering is assisted by Lane Keeping Assist, the driver may control the steering wheel.
- The steering wheel may feel heavier or lighter when the steering wheel is assisted by Lane Keeping Assist than when it is not.

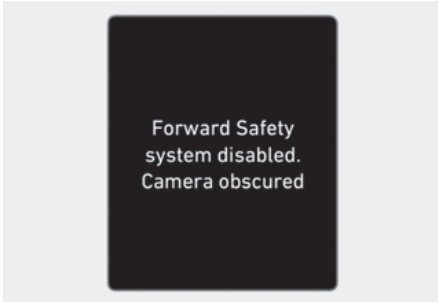
Lane Keeping Assist malfunction and limitations

Lane Keeping Assist malfunction



When Lane Keeping Assist is not working properly, the “**Check LKA (Lane Keeping Assist) system**” warning message will appear and the yellow  indicator light will illuminate on the instrument cluster. If this occurs, we recommend that the vehicle be inspected by an authorised Genesis repairer.

Lane Keeping Assist disabled



When the front windscreen at the location of the front view camera, or sensor is covered with foreign material, such as snow or rain, it can reduce the systems detecting performance and temporarily limit or disable Lane Keeping Assist.

If this occurs, the **"Forward Safety system disabled. Camera obscured"** warning message and the master (⚠️) warning light or Lane Keeping Assist (🚗) warning light appears on the instrument cluster.

Lane Keeping Assist operates properly when snow, rain or foreign material is removed.

If Lane Keeping Assist does not operate properly after it is removed, we recommend that the vehicle be inspected by an authorised Genesis repairer.

WARNING

- Even though the warning message does not appear on the instrument cluster, Lane Keeping Assist still not operate properly.
- If the vehicle is turned off and restarted whilst the camera is blocked or malfunctioning, the condition is maintained. Therefore, Lane Keeping Assist may not operate properly.

Limitations of Lane Keeping Assist

Lane Keeping Assist may not operate properly or may operate unexpectedly under the following circumstances:

- The lane is contaminated or difficult to detect because:
 - The lane markings (or road edge) are covered with rain, snow, dirt, oil, etc.
 - The colour of the lane marking (or road edge) is not distinguishable from the road
 - There are markings (or road edges) on the road near the lane or the markings (or road edges) on the road look similar to the lane markings (or road edge)
 - The lane marking (or road edge) is indistinct or damaged
 - A shadow is cast on the lane marking (or road edge) by a median strip, trees, guardrail, noise barriers, etc.
- The lane number increases or decreases, or the lane markings (or road edges) are crossing
- There are more than two lane markings (or road edges) on the road
- The lane markings (or road edges) are complicated or a structure substitutes for the lines, such as a construction area
- There are road markings, such as zigzag lanes, pedestrian crossing markings and road signs
- The lane suddenly disappears, such as at a junction.
- The lane (or road width) is very wide or narrow
- There is a road edge without a lane
- There is a boundary structure in the roadway, such as a tollgate, sidewalk, kerb, etc.
- The distance to the front vehicle is extremely short or the vehicle in front is covering the lane marking (or road edge)

i Information

For more information on the limitations of the front view camera, refer to the “Forward Collision-Avoidance Assist malfunction and limitations” section in this chapter.

WARNING

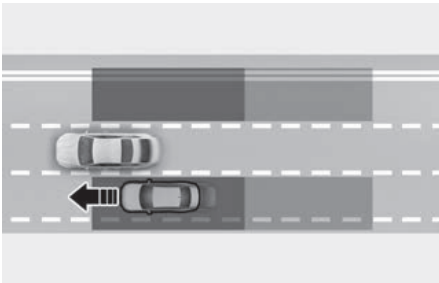
Take the following precautions when using Lane Keeping Assist:

- It is the driver's responsibility to safely drive and control the vehicle. Do not solely rely on Lane Keeping Assist and drive dangerously.
 - The operation of Lane Keeping Assist can be cancelled or not work properly depending on road conditions and surroundings. Always be cautious whilst driving.
 - Refer to the “Limitations of Lane Keeping Assist” if the lane is not detected properly.
 - When you are towing a trailer or another vehicle, turn off Lane Keeping Assist for safety reasons.
 - If the vehicle is driven at high speed, the steering wheel will not be controlled. The driver must always follow the speed limit when using Lane Keeping Assist.
 - If any other system's warning message appears or audible warning is being generated, Lane Keeping Assist warning message may not appear and an audible warning may not be generated.
 - You may not hear the warning sound of Lane Keeping Assist if the surroundings are noisy.
 - If you attach objects to the steering wheel, steering may not be assisted properly.
- Lane Keeping Assist may not operate for 15 seconds after the vehicle is started, or the front view camera is initialised.
 - Lane Keeping Assist will not operate when:
 - The turn signal or hazard warning flasher is turned on.
 - The vehicle is not driven in the centre of the lane when Lane Keeping Assist is turned on or immediately after changing a lane.
 - ESC (Electronic Stability Control) or VSM (Vehicle Stability Management) is activated.
 - The vehicle is driven on a sharp curve.
 - Vehicle speed is below 55 km/h or above 210 km/h.
 - The vehicle makes sudden lane changes.
 - The vehicle brakes suddenly.

Blind-Spot Collision-Avoidance Assist (BCA)

Blind-Spot Collision-Avoidance Assist detects approaching vehicles in the driver's blind spot areas and warn you of a possible collision with a warning light and a warning sound.

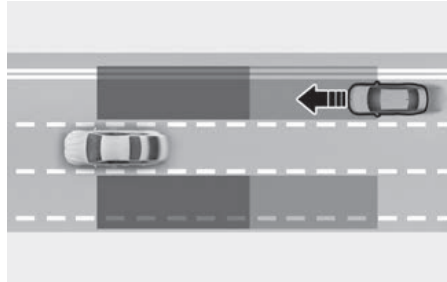
If there is a collision risk when exiting a parallel space, Blind-Spot Collision-Avoidance Assist may assist with braking your vehicle to help avoid a collision.



Blind-Spot Collision-Avoidance Assist helps detect and informs the driver that a vehicle is in the blind spot.

CAUTION

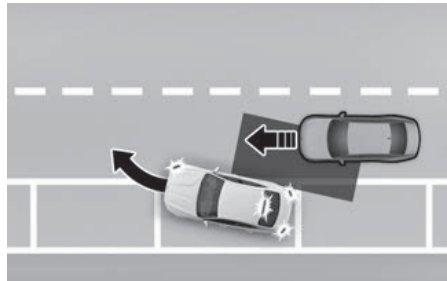
The detecting range may vary depending on the speed of your vehicle. Even if there is a vehicle in the blind spot area, Blind-Spot Collision-Avoidance Assist may not warn you when you pass by at high speeds.



Blind-Spot Collision-Avoidance Assist helps detect and informs the driver that a vehicle is approaching at high speed from the blind spot area.

CAUTION

Warning timing may vary depending on the speed of the vehicle approaching at high speed.



When you are driving forward out of a parking space, if Blind-Spot Collision-Avoidance Assist judges that there is a collision risk with an approaching vehicle in the blind spot, it can help avoid collision by applying the brake.

Detecting sensor

Sedan



Shooting Brake



(1) Rear corner radar

See the images above for the detailed location of the detecting sensors.

CAUTION

Take the following precautions to maintain optimal performance of the detecting sensor:

- Never disassemble the detecting sensor assembly, or cause any damage to it.
- If the rear corner radar or near the radar has been damaged or impacted in any way, even though the warning message does not appear on the instrument cluster, Blind-Spot Collision-Avoidance Assist may not operate properly. We recommend that the vehicle be inspected by an authorised Genesis repairer.
- If the rear corner radars have been replaced or repaired, we recommend that the vehicle be inspected by an authorised Genesis repairer.
- Use only genuine parts to repair the rear bumper where the rear corner radar is located.
- Rear bumper genuine parts with rear corner radars have proven their performance. Replacing or painting the rear bumper may result in poor performance of Blind-Spot Collision-Avoidance Assist. When the parts need to be replaced or modified, make sure to use qualified products.
- Do not apply licence plate frame or objects, such as a bumper sticker, film or a bumper guard near the rear corner radar.
- Blind-Spot Collision-Avoidance Assist may not work properly if the bumper has been replaced, or the surroundings of the rear corner radar have been damaged or paint has been applied.
- If a trailer, carrier, etc., is installed, it may adversely affect the performance of the rear corner radar or Blind-Spot Collision-Avoidance Assist may not operate.

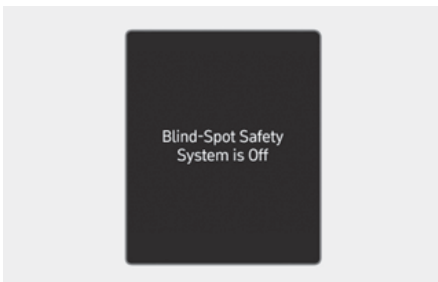
Blind-Spot Collision-Avoidance Assist settings

Blind-spot safety



With the engine on, select **Settings > Vehicle > Driver assistance > Driving safety > Blind-spot safety** in the infotainment system to set whether to use each function.

- If **Blind-spot safety** is selected, Blind-Spot Collision-Avoidance Assist will warn the driver with a warning message and an audible warning depending on the collision risk levels. Braking assist will be applied for parking exits depending on the collision risk levels.



When the vehicle is restarted with Blind-Spot Collision-Avoidance Assist off, the “**Blind-Spot Safety System is Off**” message will appear on the instrument cluster.

If you select **Blind-spot safety**, warning lights on the outside rearview mirrors will blink for three seconds. In addition, if the vehicle is turned on, when **Blind-spot safety** is selected, the warning lights on the outside rearview mirrors will blink for three seconds.

WARNING

The driver should always be aware of the surroundings and drive safely. If **Blind-spot safety** is deselected, Blind-spot Collision-Avoidance Assist cannot assist you.

Information

If the engine is restarted, Blind-Spot Collision-Avoidance Assist maintains the previous setting.

Warning methods



The Warning methods can be set with the engine on.

- **Warning volume:** Select **Settings > Vehicle > Driver assistance > Warning methods > Warning volume** from the settings menu in the infotainment system to change the warning volume.

- **Haptic warning:** Select **Settings > Vehicle > Driver assistance > Warning methods > Haptic warning** from the settings menu in the infotainment system to set haptic warning.
- **Driving safety priority:** Select **Settings > Vehicle > Driver assistance > Warning methods > Driving safety priority** from the settings menu in the infotainment system.

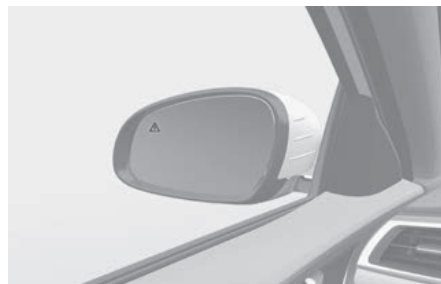
If **Driving safety priority** is selected, the vehicle lowers all other audio volumes when the warning sounds for safe driving.

i Information

- If you change the Warning methods, the Warning methods of other Driver assistance systems may change.
- The **Warning volume** and **Haptic warning** cannot be turned off at the same time. When one of the warnings are turned off the other is activated.
- If the engine is restarted, Warning methods will maintain the previous setting.
- The setting menu may not exist depending on the vehicle specification.

Blind-Spot Collision-Avoidance Assist operation

Collision warning



To warn the driver a vehicle is detected, the warning light on the corresponding outside rearview mirror illuminates.

Vehicle detection operates under the following conditions:

- Your vehicle speed: above 20 km/h
- Speed of the vehicle in the blind spot area: above 10 km/h

Collision warning operates when the turn signal is turned on in the direction of the detected vehicle.

- To warn the driver of a collision, the warning light on the corresponding outside rearview mirror and head-up display (if equipped) blinks. At the same time, an audible warning sounds and the steering wheel vibrates.
- When the turn signal is turned off or you move away from the lane, the collision warning will be cancelled and Blind-Spot Collision-Avoidance Assist will return to vehicle detection state.

Collision warning operates under following conditions.

- Your vehicle speed: above 40 km/h
- Speed of the vehicle in the blind spot area: above 10 km/h

WARNING

- The detecting range of the rear corner radar is determined by a standard road width, therefore, on a narrow road, Blind-Spot Collision-Avoidance Assist may detect other vehicles two lanes over and warn you. In contrast, on a wide road, Blind-Spot Collision-Avoidance Assist may not be able to detect a vehicle driving in the next lane and may not warn you.
- When the hazard warning flasher is on, the collision warning by the turn signal will not operate.

Collision-avoidance assist (whilst parallel parking exit)

Sedan



Shooting Brake

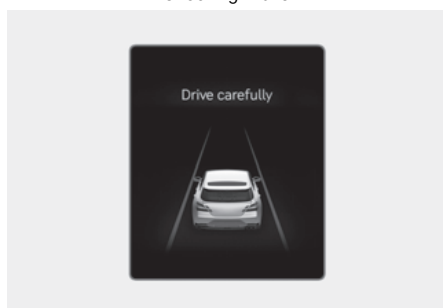


- To warn the driver of a collision, the warning light on the corresponding outside rearview mirror will blink and a warning message will appear on the instrument cluster. At the same time, an audible warning will sound, warning light on the head-up display (if equipped) will blink and the steering wheel will vibrate.
- Emergency braking will be assisted to help prevent collision with the vehicle in the blind spot area.
- Blind-Spot Collision-Avoidance Assist will operate when your vehicle speed is below 3 km/h and the speed of the vehicle in the blind spot area is above 5 km/h.

Sedan



Shooting Brake



- When the vehicle is stopped due to emergency braking, the **"Drive carefully"** warning message will appear on the instrument cluster.
For your safety, the driver should press the brake pedal immediately and check the surroundings.
- Brake control will end after the vehicle is stopped by emergency braking for about 2 seconds.

WARNING

Take the following precautions when using Blind-Spot Collision-Avoidance Assist:

- For your safety, only change the Settings after parking the vehicle at a safe location.
- If any other system's warning message appears or audible warning is being generated, Blind-Spot Collision-Avoidance Assist's warning message may not appear and an audible warning may not be generated.
- You may not hear the warning sound of Blind-Spot Collision-Avoidance Assist if the surroundings are noisy.
- Blind-Spot Collision-Avoidance Assist may not operate if the driver applies the brake pedal to avoid a collision.
- When Blind-Spot Collision-Avoidance Assist is operating, braking control by the function will automatically cancel when the driver excessively presses the accelerator pedal or sharply steers the vehicle.
- During Blind-Spot Collision-Avoidance Assist operation, the vehicle may stop suddenly injuring passengers and shifting loose objects. Ensure ALL passengers are wearing their seat belt and keep loose objects secured.
- Blind-Spot Collision-Avoidance Assist does not operate in all situations and cannot avoid all collisions.
- Blind-Spot Collision-Avoidance Assist may warn the driver late or may not warn the driver depending on the road and driving conditions.
- Driver should maintain control of the vehicle at all times. Do not depend on Blind-Spot Collision-Avoidance Assist. Maintain a safe braking distance, and if necessary, press the brake pedal to reduce driving speed or to stop the vehicle.

- Never test Blind-Spot Collision-Avoidance Assist on people, animal, objects, etc. It may cause serious injury or death.

WARNING

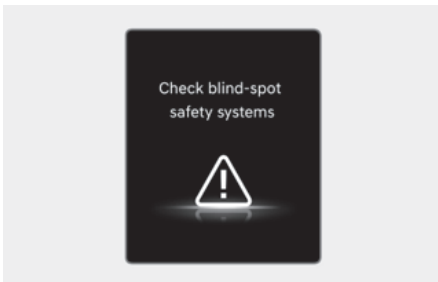
The brake control may not operate properly depending on the status of ESC (Electronic Stability Control).

There will only be a warning when:

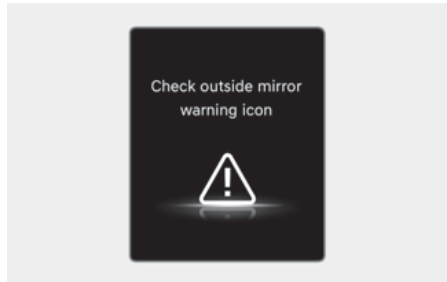
- The ESC (Electronic Stability Control) warning light is on
- ESC (Electronic Stability Control) is engaged in a different function

Blind-Spot Collision-Avoidance Assist malfunction and limitations

Blind-Spot Collision-Avoidance Assist malfunction

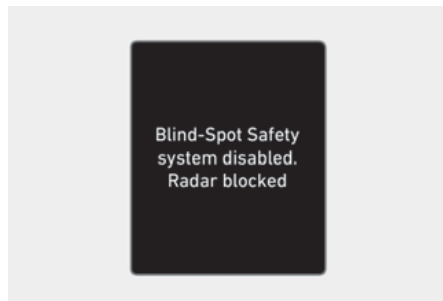


When Blind-Spot Collision-Avoidance Assist is not working properly, the **“Check blind-spot safety systems”** warning message will appear on the instrument cluster for several seconds, and the master (⚠) warning light will illuminate on the instrument cluster. If this occurs, we recommend that the vehicle be inspected by an authorised Genesis repairer.



When the outside rearview mirror warning lights are not working properly, the **“Check outside mirror warning icon”** warning message will appear on the instrument cluster for several seconds, and the master (⚠) warning light will illuminate on the instrument cluster. If this occurs, we recommend that the vehicle be inspected by an authorised Genesis repairer.

Blind-Spot Collision-Avoidance Assist disabled



When the rear bumper around the rear corner radar or sensor is covered with foreign material, such as snow or rain, or installing a trailer or carrier, it can reduce the systems detecting performance and temporarily limit or disable Blind-Spot Collision-Avoidance Assist.

If this occurs, the **“Blind-Spot Safety system disabled. Radar blocked”** warning message will appear on the instrument cluster.

Blind-Spot Collision-Avoidance Assist will operate properly when such foreign material or trailer, etc., is removed, and then the vehicle is restarted.

If Blind-Spot Collision-Avoidance Assist does not operate properly after it is removed, we recommend that the vehicle be inspected by an authorised Genesis repairer.

⚠ WARNING

- Even though the warning message does not appear on the instrument cluster, Blind-Spot Collision-Avoidance Assist may still not operate properly.
- Blind-Spot Collision-Avoidance Assist may not properly operate in an area (for example, open terrain) where objects are not detected immediately after the vehicle is turned on, or when the detecting sensor is blocked with foreign material immediately after the vehicle is turned on.

⚠ CAUTION

Turn off Blind-Spot Collision-Avoidance Assist to install or remove a trailer, carrier, or another attachment. Turn on Blind-Spot Collision-Avoidance Assist when finished.

Limitations of Blind-Spot Collision-Avoidance Assist

Blind-Spot Collision-Avoidance Assist may not operate properly, or it may operate unexpectedly under the following circumstances:

- There is inclement weather, such as heavy snow, heavy rain, etc.
- The rear corner radar is covered with snow, rain, dirt, etc.
- The temperature around the rear corner radar is high or low
- Driving on a highway ramp
- The road pavement (or the peripheral ground) abnormally contains metallic components (for example, possibly due to subway construction)

- There is a fixed object near the vehicle, such as sound barriers, guardrails, central dividers, entry barriers, street lamps, signs, tunnels, walls, etc. (including double structures)
- Driving in vast areas where there are few vehicles or structures (for example, desert, meadow, suburb, etc.)
- Driving on a narrow road where trees or grass are overgrown
- Driving on a wet road surface, such as a puddle on the road
- The other vehicle drives very close behind your vehicle, or the other vehicle passes by your vehicle in close proximity
- The speed of the other vehicle is so fast that it passes by your vehicle in a short time
- Your vehicle passes by the other vehicle
- Your vehicle changes lane
- Your vehicle has started at the same time as the vehicle next to you and has accelerated
- The vehicle in the next lane moves two lanes away from you, or when the vehicle two lanes away moves to the next lane from you
- A trailer, carrier or other attachment is installed around the rear corner radar
- The bumper around the rear corner radar is covered with objects, such as a bumper sticker, bumper guard, bike rack, etc.
- The bumper around the rear corner radar is impacted, damaged or the radar is out of position
- Your vehicle height is low or high due to heavy loads, abnormal tyre pressure, etc.

- Blind-Spot Collision-Avoidance Assist may not operate properly, or it may operate unexpectedly when the following objects are detected:
 - A motorcycle or bicycle is detected
 - A vehicle such as a flat trailer is detected
 - A big vehicle such as a bus or truck is detected
 - A moving obstacle such as a pedestrian, animal, shopping cart or a baby stroller is detected
 - A vehicle with low height such as a sports car is detected

Braking control may not work, driver's attention is required in the following circumstances:

- The vehicle severely vibrates whilst driving over a bumpy road, uneven road or concrete patch
- Driving on a slippery surface due to snow, water puddle, ice, etc.
- The tyre pressure is low or a tyre is damaged
- The braking system has been modified
- The vehicle makes abrupt lane changes

i Information

For more information on the limitations of the front view camera, refer to the "Forward Collision-Avoidance Assist (FCA) (Sensor fusion)" and "Lane Keeping Assist (LKA)" section in this chapter.

⚠ WARNING

• Driving on a curved road



Blind-Spot Collision-Avoidance Assist may not operate properly when driving on a curved road. The function may not detect the vehicle in the next lane.

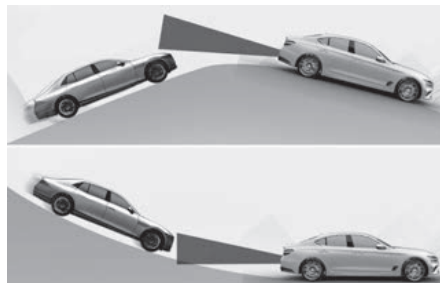
Always pay attention to road and driving conditions whilst driving.



Blind-Spot Collision-Avoidance Assist may not operate properly when driving on a curved road. The function may recognise a vehicle in the same lane.

Always pay attention to road and driving conditions whilst driving.

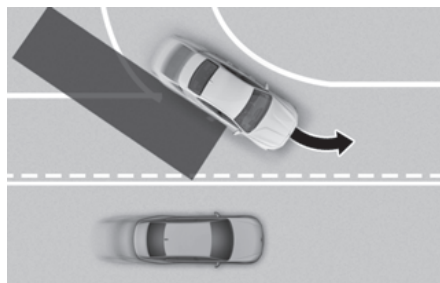
• Driving on a gradient



Blind-Spot Collision-Avoidance Assist may not operate properly when driving on a slope. The function may not detect the vehicle in the next lane or may incorrectly detect the ground or structure.

Always pay attention to road and driving conditions whilst driving.

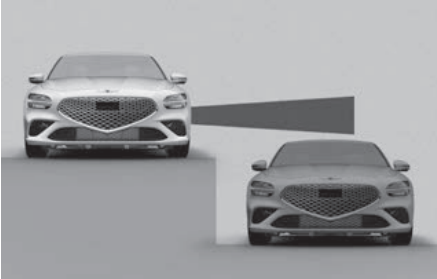
• Driving where the road is merging/dividing



Blind-Spot Collision-Avoidance Assist may not operate properly when driving where the road merges or divides. The function may not detect the vehicle in the next lane.

Always pay attention to road and driving conditions whilst driving.

- Driving where the heights of the lanes are different



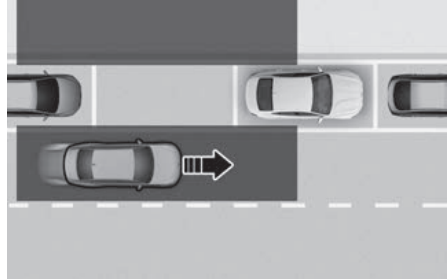
Blind-Spot Collision-Avoidance Assist may not operate properly when driving where the heights of the lanes are different. The function may not detect the vehicle on a road with different lane heights (underpass joining section, grade separated intersections, etc.).

Always pay attention to road and driving conditions whilst driving.

WARNING

- When you are towing a trailer or another vehicle, make sure that you turn off Blind-Spot Collision-Avoidance Assist.
 - Blind-Spot Collision-Avoidance Assist may not operate properly with interference from strong electromagnetic waves.
 - Blind-Spot Collision-Avoidance Assist may not operate for 3 seconds after the vehicle is started, or the front view camera or rear corner radars are initialised.
-

Safe Exit Warning (SEW)



Whilst your vehicle is stopped, and if Safe Exit Warning detects a vehicle approaching the rear corner of your vehicle and a passenger opens a door, Safe Exit Warning may warn you with a warning message and a warning sound to help avoid a collision.

CAUTION

Warning timing may vary depending on the speed of the approaching vehicle.

Detecting sensor

Sedan



Shooting Brake



(1) Rear corner radar

See the images above for the detailed location of the detecting sensors.

CAUTION

For more information on the precautions of the rear corner radars, refer to the “Blind-Spot Collision-Avoidance Assist (BCA)” section in this chapter.

Safe Exit Warning settings

Safe Exit Warning



With the engine on, select **Settings** > **Vehicle** > **Driver assistance** > **Driving safety** > **Exit safety** in the infotainment system to set whether to use each function.

WARNING

The driver should always be aware of the surroundings. If **Exit safety** is deselected, Safe Exit Warning cannot assist you.

Information

If the engine is restarted, Safe Exit Warning maintains the previous setting.

Warning methods



The Warning methods can be set with the engine on.

- **Warning volume:** Select **Settings > Vehicle > Driver assistance > Warning methods > Warning volume** from the settings menu in the infotainment system to change the warning volume. If you turn off the **Warning volume**, for your safety, the function may warn you with a low volume.
- **Driving safety priority:** Select **Settings > Vehicle > Driver assistance > Warning methods > Driving safety priority** from the settings menu in the infotainment system.

If **Driving safety priority** is selected, the vehicle lowers all other audio volumes when the warning sounds for safe driving.

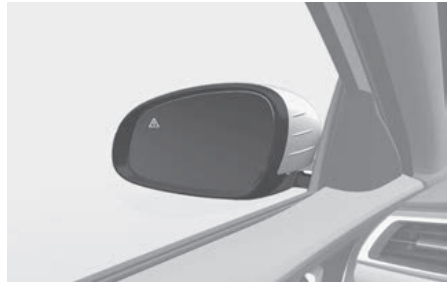
i Information

- If you change the Warning methods, the Warning methods of other Driver assistance systems may change.
- If the engine is restarted, Warning methods will maintain the previous setting.
- The setting menu may not exist depending on the vehicle specification.

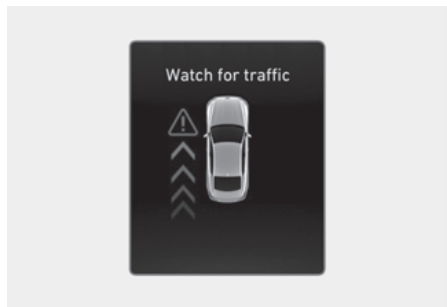
Safe Exit Warning operation

Safe Exit Warning

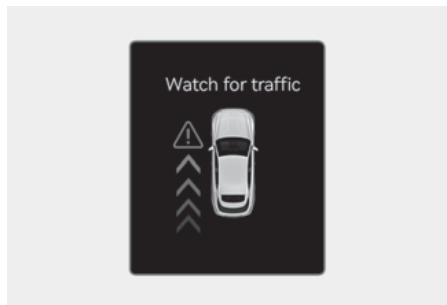
Collision warning when exiting vehicle



Sedan



Shooting Brake



- When an approaching vehicle from the rear is detected at the moment a door is opened, the **“Watch for traffic”** warning message will appear on the instrument cluster, and an audible warning will sound.

- Safe Exit Warning will warn the driver when your vehicle speed is below 3 km/h, and the speed of the approaching vehicle from the rear is above 6 km/h.

WARNING

Take the following precautions when using Safe Exit Warning:

- For your safety, change the Settings after parking the vehicle at a safe location.
- If any other system's warning message appears or audible warning is being generated, Safe Exit Warning's warning message may not appear and an audible warning may not be generated.
- You may not hear the warning sound of Safe Exit Warning if the surroundings are noisy.
- Safe Exit Warning does not operate in all situations and cannot prevent all collisions.
- Safe Exit Warning may warn the driver late or may not warn the driver depending on the road and driving conditions. Always check vehicle surroundings.
- The driver and passengers are responsible for accidents that occur whilst exiting the vehicle. Always check the surroundings before you exit the vehicle.
- Never deliberately test Safe Exit Warning. Doing so may lead to serious injury or death.

- Safe Exit Warning does not operate if there is a problem with Blind-Spot Collision-Avoidance Assist. The warning message of Blind-Spot Collision-Avoidance Assist will appear when:

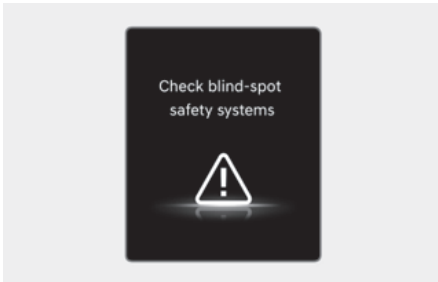
- Blind-Spot Collision-Avoidance Assist sensor or the sensor surrounding is polluted or covered
- Blind-Spot Collision-Avoidance Assist fails to warn passengers or falsely warn passengers

i **Information**

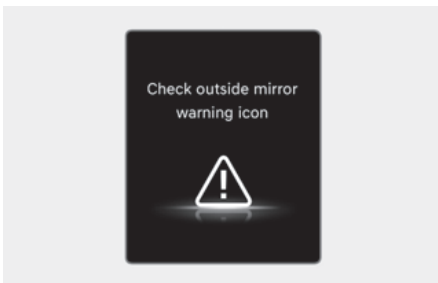
- After the vehicle is turned off, Safe Exit Warning operates for about 3 minutes, but turns off immediately if the doors are locked.
- The images and colours in the instrument cluster may differ depending on the instrument cluster type or theme selected from the instrument cluster.

Safe Exit Warning malfunction and limitations

Safe Exit Warning malfunction



When Safe Exit Warning is not working properly, the **“Check blind-spot safety systems”** warning message will appear on the instrument cluster for several seconds, and the master (⚠) warning light will illuminate on the instrument cluster. If this occurs, we recommend that the vehicle be inspected by an authorised Genesis repairer.



When the outside rearview mirror warning lights are not working properly, the **“Check outside mirror warning icon”** warning message will appear on the instrument cluster for several seconds, and the master (⚠) warning light will illuminate on the instrument cluster. If this occurs, we recommend that the vehicle be inspected by an authorised Genesis repairer.

Safe Exit Warning disabled



When the rear bumper around the rear corner radar or sensor is covered with foreign material, such as snow or rain, or installing a trailer or carrier, it can reduce the systems detecting performance and temporarily limit or disable Safe Exit Warning.

If this occurs, the **“Blind-Spot Safety system disabled. Radar blocked”** warning message will appear on the instrument cluster.

Safe Exit Warning will operate properly when such foreign material or trailer, etc., is removed, and then the vehicle is restarted.

If Safe Exit Warning does not operate properly after it is removed, we recommend that the vehicle be inspected by an authorised Genesis repairer.

⚠ WARNING

- Even though the warning message does not appear on the instrument cluster, Safe Exit Warning may not properly operate.
- Safe Exit Warning may not properly operate in an area (for example, open terrain) where objects are not detected immediately after the vehicle is turned on, or when the detecting sensor is blocked with foreign material immediately after the vehicle is turned on.

CAUTION

Turn off Safe Exit Warning to install or remove a trailer, carrier, or another attachment. Turn on Safe Exit Warning when finished.

Limitations of Safe Exit Warning

Safe Exit Warning may not operate properly, or it may operate unexpectedly under the following circumstances:

- Getting out of the vehicle where trees or grass are overgrown
- Getting out of the vehicle where the road is wet
- The approaching vehicle is very fast or very slow

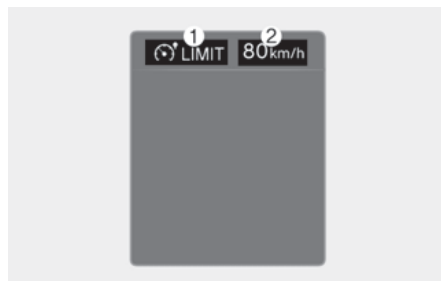
Information

For more information on the limitations of the rear corner radar, refer to the “Blind-Spot Collision-Avoidance Assist (BCA)” section in this chapter.

WARNING

- Safe Exit Warning may not operate properly with interference from strong electromagnetic waves.
- Safe Exit Warning may not operate for 3 seconds after the vehicle is started, or the rear corner radars are initialised.
- If the vehicle is turned off and restarted whilst the radar is blocked or malfunctioning, the condition is maintained. Therefore, Safe Exit Warning may not operate properly.

Manual Speed Limit Assist (MSLA)



- (1) Speed Limit indicator
(2) Set speed

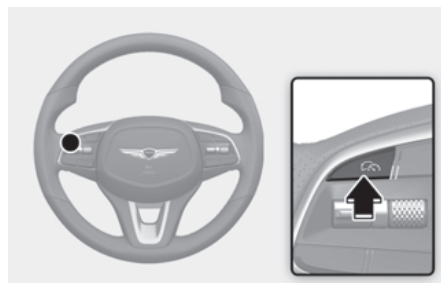
You can set the speed limit when you do not want to drive over a specific speed.

If you drive over the preset speed limit, Manual Speed Limit Assist operates (set speed limit will blink and chime will sound) until the vehicle speed returns within the speed limit.

Manual Speed Limit Assist operation

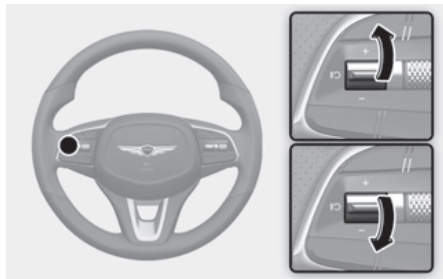
Setting speed limit

1. Press and hold the Driving Assist () button at the desired speed. The Speed Limit () indicator will appear on the instrument cluster.



2. Push the + switch up or - switch down, and release it at the desired speed.

Push the + switch up or - switch down and hold it. The speed will increase or decrease to the nearest multiple of 10 km/h at first, and then increase or decrease by 10 km/h.



3. The set speed limit appears on the instrument cluster.

If you would like to drive over the preset speed limit, press the accelerator pedal beyond the pressure point to activate the kickdown function.

The set speed limit will blink and a chime will sound until you return the vehicle speed within the speed limit.



i Information

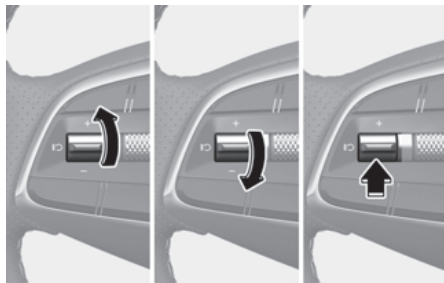
- When the accelerator pedal is not pressed beyond the pressure point, vehicle speed will remain within the speed limit.
- A clicking sound may be heard from the kickdown function when the accelerator pedal is pressed beyond the pressure point.

Temporarily pausing Manual Speed Limit Assist



Press the  switch to temporarily pause the set speed limit. The set speed limit will turn off but the Speed Limit () indicator will stay on.

Resuming Manual Speed Limit Assist

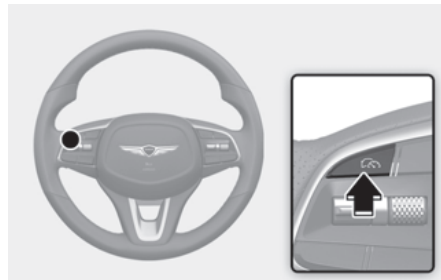


To resume Manual Speed Limit Assist after the function was paused, operate the +, -, || switch.

If you push the + switch up or - switch down, vehicle speed will be set to the current speed on the instrument cluster.

If you press the || switch, vehicle speed will resume to the preset speed.

Turning off Manual Speed Limit Assist



Press the Driving Assist (Ⓜ) button to turn Manual Speed Limit Assist off. The Speed Limit (S^{LIMIT}) indicator will go off.

Always press the Driving Assist (Ⓜ) button to turn Manual Speed Limit Assist off when not in use.

WARNING

Take the following precautions when using Manual Speed Limit Assist:

- Always set the vehicle speed to the speed limit in your country.
- Keep Manual Speed Limit Assist off when the function is not in use, to avoid inadvertently setting a speed. Check that the Speed Limit (S^{LIMIT}) indicator is off.
- Manual Speed Limit Assist does not substitute for proper and safe driving. It is the driver's responsibility to always drive safely and be aware of unexpected and sudden situations. Pay attention to the road conditions at all times.

Intelligent Speed Limit Assist (ISLA)

Intelligent Speed Limit Assist uses information from the detected road signs and uses the navigation system data to inform you of the speed limit and to help maintain within the speed limit on the road.

CAUTION

- Intelligent Speed Limit Assist may not operate properly if the function is used in other countries.
 - If your vehicle is equipped with a navigation system, the navigation software needs to be regularly updated for Intelligent Speed Limit Assist to operate properly.
 - The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.
-

Detecting sensor



(1) Front view camera

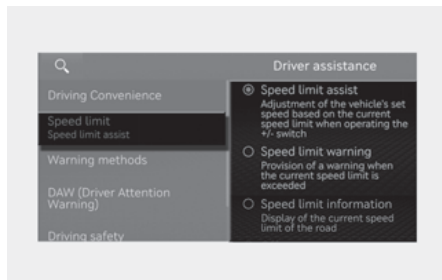
See the image above for the detailed location of the detecting sensor.

CAUTION

For more information on the precautions of the front view camera, refer to the “Forward Collision-Avoidance Assist (FCA) (Sensor fusion)” section in this chapter.

Intelligent Speed Limit Assist settings

Speed limit



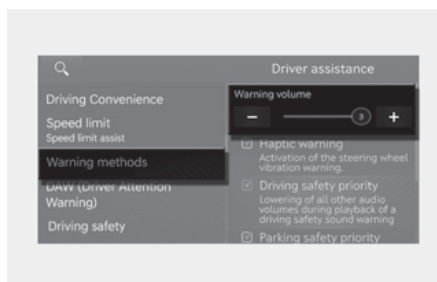
With the engine on, select or deselect **Settings > Vehicle > Driver assistance > Speed limit** from the Settings menu to set whether to use each function.

- **Speed limit assist:** Intelligent Speed Limit Assist will inform the driver of speed limit and additional road signs. In addition, Intelligent Speed Limit Assist will inform the driver to change set speed of Manual Speed Limit Assist and/or Smart Cruise Control to help the driver stay within the speed limit.
- **Speed limit warning:** Intelligent Speed Limit Assist will inform the driver of speed limit and additional road signs. In addition, Intelligent Speed Limit Assist will warn the driver when the vehicle is driven faster than the speed limit.
- **Speed limit information:** Intelligent Speed Limit Assist will inform the driver the current speed limit of the road.
- **Off:** Intelligent Speed Limit Assist will turn off. The  warning light appears.

WARNING

- For your safety, only change the Settings after parking the vehicle at a safe location.
- Speed Limit Assist function operates based on the Offset setting added to the speed limit. If you want to change the set speed according to the speed limit, adjust the offset to "0".
- Intelligent Speed Limit Assist does not substitute for proper and safe driving. It is the driver's responsibility to always drive safely and be aware of unexpected and sudden situations. Pay attention to the road conditions at all times.

Warning methods



The Warning methods can be set with the engine on.

- **Warning volume:** Select **Settings > Vehicle > Driver assistance > Warning methods > Warning volume** from the settings menu in the infotainment system to change the warning volume. If you turn off the **Warning volume**, for your safety, the function may warn you with a low volume.

i Information

- If you change the Warning methods, the Warning methods of other Driver assistance systems may change.
- If the engine is restarted, Warning methods will maintain the previous setting.
- The setting menu may not exist depending on the vehicle specification.

Intelligent Speed Limit Assist operation

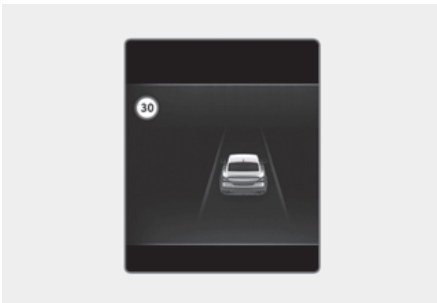
Warning and control

Intelligent Speed Limit Assist will warn and control the vehicle by “Displaying speed limit”, “Warning overspeed” and “Changing set speed”.

i Information

The warning and control of Intelligent Speed Limit Assist explained below is based on the Speed Limit Offset setting in “0”. For more information on Speed Limit Offset settings, refer to the “Intelligent Speed Limit Assist settings” section.

Displaying speed limit

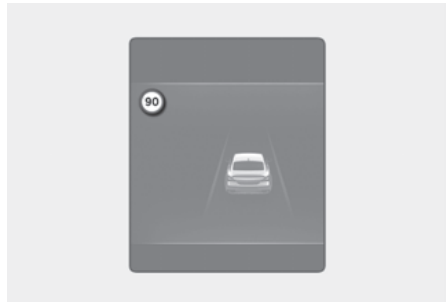


Speed limit information appears on the instrument cluster.

i Information

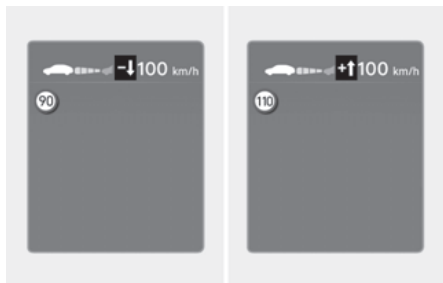
- If speed limit information of the road cannot be recognised, “---” sign appears. Please refer to the “Limitations of Intelligent Speed Limit Assist” section, if the road signs are difficult to recognise.
- Intelligent Speed Limit Assist provides additional road sign information in addition to speed limit. The additional road sign information provided may vary according to your country.
- Supplementary sign displayed under the speed limit or overtaking restriction sign means the conditions under which the signs must be followed. If the supplementary sign is not recognised, it appears as blank.
- The images and colours in the instrument cluster may differ depending on the instrument cluster type or theme selected from the instrument cluster.

Warning overspeed



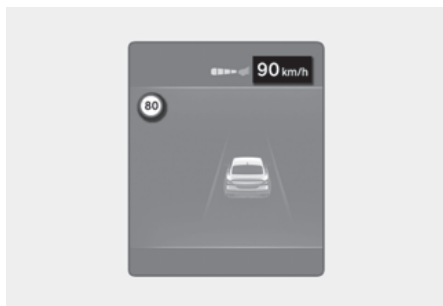
When driving at a speed higher than the displayed speed limit, the red speed limit indicator will blink and warning sounds.

Changing set speed



If the speed limit of the road changes during the operation of Manual Speed Limit Assist or Smart Cruise Control, an arrow in the direction of up or down appears to inform the driver that the set speed needs to be changed. At this time, the driver can change the set speed according to the speed limit by using the + or - switch on the steering wheel.

Set Speed Auto Change



Manual Speed Limit Assist or Smart Cruise Control assists the vehicle to adjust its speed according to the speed limit. When the cruising speed is set as same as the speed limit, the vehicle automatically adjusts its speed if the speed limit changes. The function operates on a road which has a speed limit of 70 km/h or higher. When the function is active, the cruising speed on the instrument cluster appears in green.

! WARNING

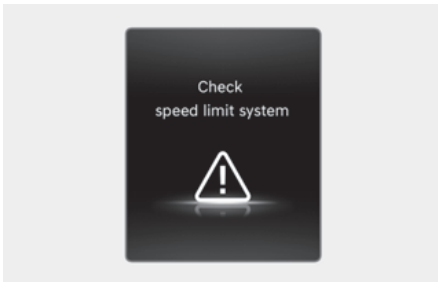
- If you want to drive below the speed limit, adjust the Speed Limit Offset below "0" or use the - switch on the steering wheel to lower the set speed.
- Even after changing the set speed according to the speed limit of the road, the vehicle can still be driven over the speed limit. If necessary, press the brake pedal to reduce your driving speed.
- If the speed limit of the road is under 30 km/h, the set speed change function will not work.
- Intelligent Speed Limit Assist operates using the speed units in the instrument cluster set by the driver. If the speed unit is not set to the speed unit used in your country, Intelligent Speed Limit Assist may not operate properly.

i Information

- For more information on Manual Speed Limit Assist operation, refer to the "Manual Speed Limit Assist (MSLA)" section in this chapter.
- For more information on Smart Cruise Control operation, refer to the "Smart Cruise Control (SCC)" section in this chapter.

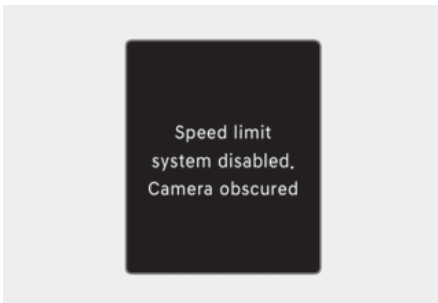
Intelligent Speed Limit Assist malfunction and limitations

Intelligent Speed Limit Assist malfunction



When Intelligent Speed Limit Assist is not working properly, the **“Check speed limit system”** warning message will appear on the instrument cluster for several seconds, and the master (⚠) warning light will illuminate on the instrument cluster. If this occurs, we recommend that the vehicle be inspected by an authorised Genesis repairer.

Intelligent Speed Limit Assist disabled



When the front windscreen where the front view camera is located is covered with foreign material, such as snow or rain, it can reduce the systems detecting performance and temporarily limit or disable Intelligent Speed Limit Assist. If this occurs, the **“Speed limit system**

disabled. Camera obscured” warning message and the speed limit (S) warning light will appear on the instrument cluster.

Intelligent Speed Limit Assist will operate properly when snow, rain or foreign material is removed.

If Intelligent Speed Limit Assist does not operate properly after it is removed, we recommend that the vehicle be inspected by an authorised Genesis repairer.

⚠ WARNING

- Even though the warning message or warning light does not appear on the instrument cluster, Intelligent Speed Limit Assist may still not operate properly.
- If the vehicle is turned off and restarted whilst the camera is blocked or malfunctioning, the condition is maintained. Therefore, Intelligent Speed Limit Assist may not operate properly.

Limitations of Intelligent Speed Limit Assist

Intelligent Speed Limit Assist may not operate properly, or it may operate unexpectedly under the following circumstances:

- The road sign is contaminated or indistinguishable
 - The road sign is difficult to see due to bad weather, such as rain, snow, fog, etc.
 - The road sign is not clear or damaged
 - The road sign is partially obscured by surrounding objects or shadow
- The road signs do not conform to the standard
 - The text or image on the road sign is different from the standard

- The road sign is installed between the main line and the exit road or between diverging roads
- There is no conditional road signs on the road sign located on the exit road
- A sign is attached to another vehicle
- The distance between the vehicle and the road signs is too far
- The vehicle encounters illuminant road signs
- Intelligent Speed Limit Assist incorrectly recognises numbers or images in the street signs or other signs as the speed limit
- A road sign near the road you are driving is detected
- Multiple signs are installed close together
- The minimum speed limit sign is misrecognised
- The minimum speed limit sign is on the road
- The light level changes suddenly, for example when entering or exiting a tunnel or passing under a bridge
- Headlamps are not used or the brightness of the headlamps are weak at night or in the tunnel
- Road signs are difficult to recognise due to the reflection of sunlight, street lights, or oncoming vehicles
- The navigation information or GPS information contain errors.
- The driver does not follow the guide of the navigation.
- The driver is driving on a new road that is not in the navigation system yet.
- The field of view of the front view camera is obstructed by sun glare
- Driving on a road that is sharply curved or continuously curved
- Driving through speed bumps, or driving on steep vertical inclines or roads that are tilted sideways

- The vehicle is shaking heavily
- Driving on a newly opened road
- The navigation software is being updated whilst driving
- The navigation is restarted whilst driving

WARNING

- Intelligent Speed Limit Assist is a supplemental function that helps the driver to comply with the speed limit on the road, and may not display the correct speed limit or control the driving speed properly.
- Always set the vehicle speed to the speed limit in your area.
- Intelligent Speed Limit Assist may not operate for 15 seconds after the vehicle is started, or the front camera is initialised.

Information

For more information on the limitations of the front view camera, refer to the “Forward Collision-Avoidance Assist (FCA) (Sensor fusion)” section in this chapter.

Driver Attention Warning (DAW)

Basic function

Driver Attention Warning monitors your driving pattern whilst driving. When the driver's attention level is below a certain level, Driver Attention Warning recommends a break to help with safe driving.

Leading vehicle departure alert function

Leading Vehicle Departure Alert function will inform the driver when a detected vehicle in front departs.

Detecting sensor



(1) Front view camera

The front view camera is used as a detecting sensor to help detect driving patterns and front vehicle departure whilst vehicle is being driven.

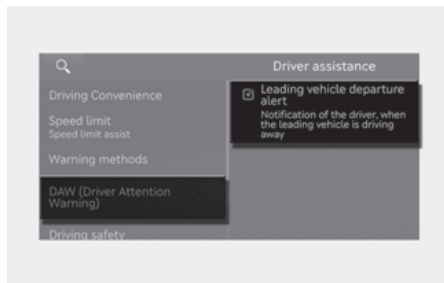
See the image above for the detailed location of the detecting sensor.

⚠ CAUTION

- Always keep the front view camera in good condition to maintain optimal performance of Driver Attention Warning.
- For more information on the precautions of the front view camera, refer to the “Forward Collision-Avoidance Assist (FCA) (Sensor fusion)” section in this chapter.

Driver Attention Warning settings

Leading vehicle departure alert



With the engine on, select or deselect **Settings > Vehicle > Driver assistance > DAW (Driver Attention Warning)** from the Settings menu to set whether to use each function.

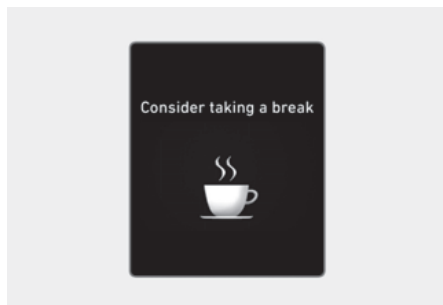
- If **Leading vehicle departure alert** is selected, the function informs the driver when a detected vehicle in front departs from a stop.

Driver Attention Warning operation

Basic function

The basic function of Driver Attention Warning is to warn the driver “**Consider taking a break**”.

Taking a break



The “**Consider taking a break**” message will appear and the driver’s attention (👉) warning light will blink on the instrument cluster with a warning sound to suggest that the driver take a break, when the driver’s attention level is below a certain level.

- Driver Attention Warning will not suggest a break when the total driving time is shorter than 4 minutes or 4 minutes has not passed since the last break was suggested.
- The “**Taking a break**” will operate when your vehicle speed is above 0 km/h.

⚠ WARNING

For your safety, change the Settings after parking the vehicle at a safe location.

⚠ CAUTION

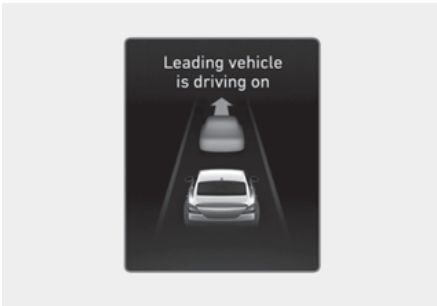
- Driver Attention Warning may suggest a break depending on the driver’s driving pattern or habits, even if the driver doesn’t feel fatigue.
- Driver Attention Warning is a supplemental function and may not be able to determine whether the driver is inattentive.
- A driver who feels fatigued should take a break at a safe location, even though there is no break suggestion by Driver Attention Warning.

i Information

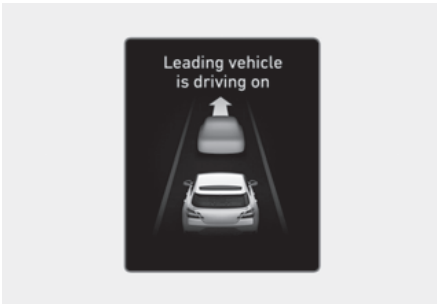
For more information on instrument cluster settings, refer to the “Instrument cluster display control” section in chapter 4.

Leading vehicle departure alert function

Sedan



Shooting Brake



When a detected vehicle in front departs from a stop, Leading Vehicle Departure Alert will inform the driver by displaying the **“Leading vehicle is driving on”** message on the instrument cluster and an audible warning will sound.

WARNING

- If any other system’s warning message appears or audible warning is being generated, Leading Vehicle Departure Alert’s warning message may not appear and an audible warning may not be generated.
- It is the driver's responsibility to safely drive and control the vehicle.

CAUTION

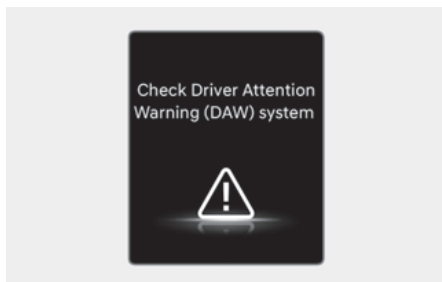
- Leading Vehicle Departure Alert is a supplemental function and may not alert the driver whenever the front vehicle departs from a stop.
- Always check the front of the vehicle and road conditions before departure.

i Information

The images and colours in the instrument cluster may differ depending on the instrument cluster type or theme selected from the instrument cluster.

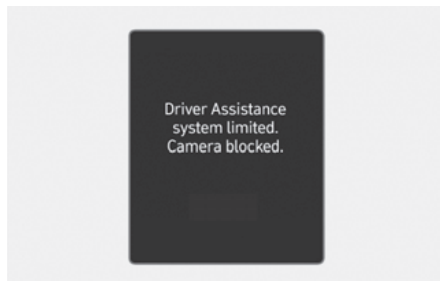
Driver Attention Warning malfunction and limitations

Driver Attention Warning malfunction



When Driver Attention Warning is not working properly, the “**Check Driver Attention Warning (DAW) system**” warning message will appear on the instrument cluster for several seconds, and the master (⚠) warning light and the driver’s attention (👤) warning light will illuminate on the instrument cluster. If this occurs, we recommend that the vehicle be inspected by an authorised Genesis repairer.

Driver Attention Warning disabled



When the front windscreen where the front view camera is located is covered with foreign material, such as snow or rain, it can reduce the systems detecting performance and temporarily limit or disable Driver Attention Warning. If this occurs, the “**Driver Assistance system limited. Camera blocked**” warning message, the master (⚠) warning light, and the driver’s attention (👤) warning light will appear on the instrument cluster. Driver Attention Warning will operate properly when snow, rain or foreign material is removed. If Driver Attention Warning does not operate properly after it is removed, we recommend that the vehicle be inspected by an authorised Genesis repairer.

WARNING

- Driver Attention Warning may not properly operate in an area (for example, open terrain) where objects are not detected immediately after turning ON the vehicle.
- If the vehicle is turned off and restarted whilst the camera is blocked or malfunctioning, the condition is maintained. Therefore, Driver Attention Warning may not operate properly.

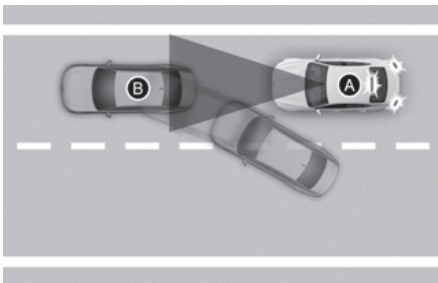
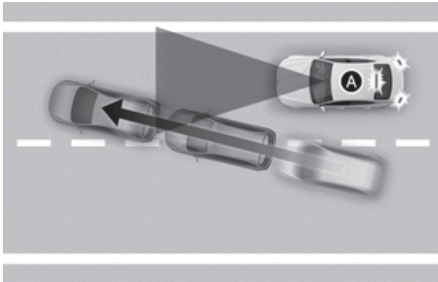
Limitations of Driver Attention Warning

Driver Attention Warning may not work properly in the following situations:

- The vehicle is driven violently
- The vehicle intentionally crosses over lanes frequently
- The vehicle is controlled by Driver Assistance system, such as Lane Keeping Assist

Leading vehicle departure alert function

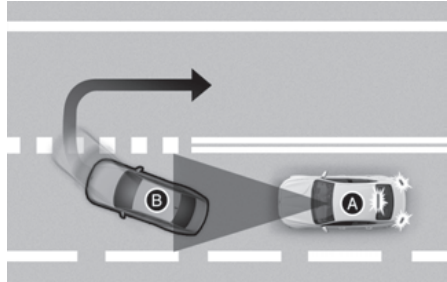
- **When the vehicle cuts in**



[A] Your vehicle
[B] Front vehicle

If a vehicle cuts in front of your vehicle, Leading Departure Alert may not operate properly.

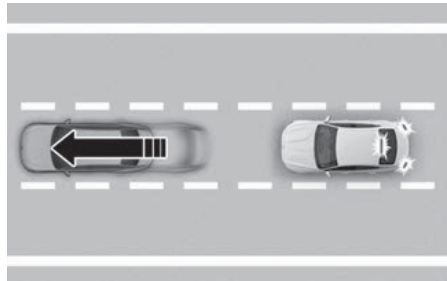
- **When the vehicle ahead sharply steers**



[A] Your vehicle
[B] Front vehicle

If the vehicle in front makes a sharp turn, such as to turn left or right or make a U-turn, etc., Leading Vehicle Departure Alert may not operate properly.

- **When the vehicle ahead abruptly departs**



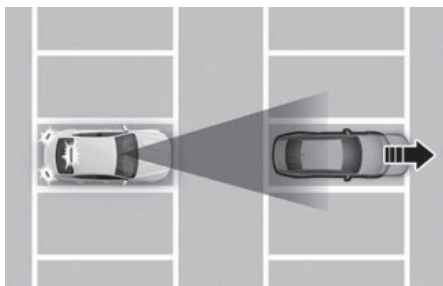
If the vehicle in front abruptly departs, Leading Vehicle Departure Alert may not operate properly.

- When a pedestrian or bicycle is between you and the vehicle ahead



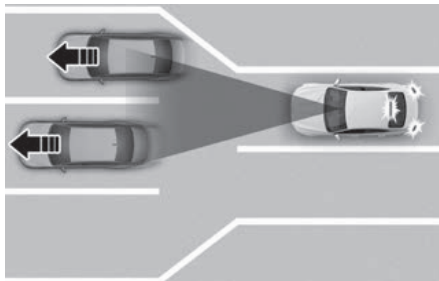
If there is a pedestrian(s) or bicycle(s) in between you and the vehicle in front, Leading Vehicle Departure Alert may not operate properly.

- When in a car park



If a vehicle parked in front drives away from you, Leading Vehicle Departure Alert may alert you that the parked vehicle is driving away.

- When driving at a tollgate or intersection, etc.



If you pass a tollgate or intersection with lots of vehicles or you drive where lanes are merged or divided frequently, Leading Vehicle Departure Alert may not operate properly.

WARNING

Driver Attention Warning may not operate for about 15 seconds after the vehicle is started, or the front view camera is initialised.

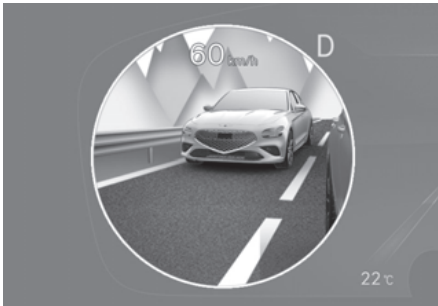
i **Information**

For more information on the precautions of the front view camera, refer to the "Forward Collision-Avoidance Assist (FCA) (Sensor fusion)" section in this chapter.

Blind-Spot View Monitor (BVM)

 If equipped

Left side



Right side



Blind-Spot View Monitor uses the wide-side view cameras to display the rear blind spot areas of your vehicle on the instrument cluster when the turn signal is turned on to help with safe lane changes.

Detecting sensor

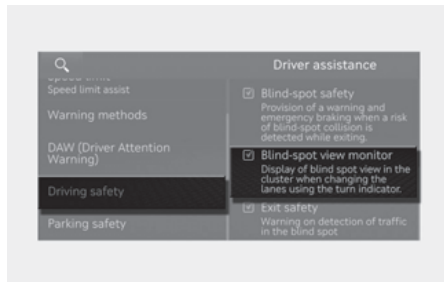


- (1) Wide-side view camera (camera located at bottom of the mirror)
- (2) Wide-side view camera (camera located at bottom of the mirror)

See the image above for the detailed location of the detecting sensors.

Blind-Spot View Monitor settings

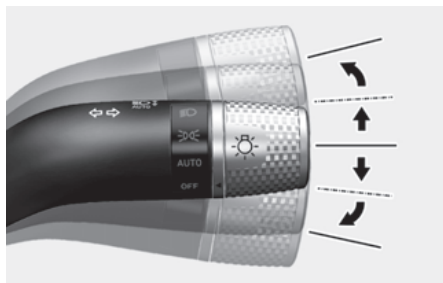
Blind-spot view monitor



With the engine on, select **Settings > Vehicle > Driver assistance > Driving safety** and then enable **Blind-spot view monitor** in the infotainment system to turn on the Blind-Spot View Monitor feature.

Blind-Spot View Monitor operation

Blind-Spot View Monitor will turn on and off when the turn signal is turned on and off.



Operating conditions

When the left or right side turn signal turns on, the image in that direction appears on the instrument cluster.

Off conditions

- When the turn signal turns off, the image on the instrument cluster will turn off.
- When the hazard warning flasher is on, Blind-Spot View Monitor will turn off, regardless of the turn signal status.
- When other important warning appears on the instrument cluster, Blind-Spot View Monitor may turn off.

Blind-Spot View Monitor malfunction

When Blind-Spot View Monitor is not working properly, or the instrument cluster display flickers, or the camera image does not display properly, we recommend that the vehicle be inspected by an authorised Genesis repairer.

⚠ WARNING

- The image shown on the instrument cluster may differ from the actual distance of the object. Make sure to directly check the vehicle's surroundings for safety.
- Always keep the camera lens clean. If the lens is covered with foreign material, it may adversely affect camera performance and Blind-Spot View Monitor may not operate properly.

Smart Cruise Control (SCC)

Smart Cruise Control detects a vehicle ahead and helps maintain the distance from the vehicle ahead and the set speed.

Overtaking Acceleration Assist

When Smart Cruise Control judges you are attempting to overtake a vehicle in front, Smart Cruise Control helps with accelerating.

Detecting sensor



- (1) Front view camera
- (2) Front radar

The front view camera and front radar are used as a detecting sensor to detect front vehicles.

See the image above for the detailed location of the detecting sensors.

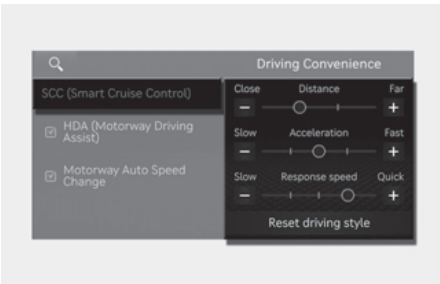
 CAUTION

Always keep the front view camera and front radar in good condition to maintain optimal performance of Smart Cruise Control.

For more information on the precautions of the front view camera and front radar, refer to the “Forward Collision-Avoidance Assist (FCA) (Sensor fusion)” section in this chapter.

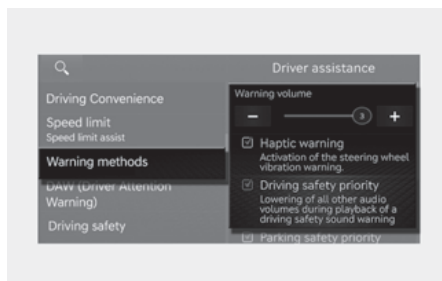
Smart Cruise Control settings

Smart Cruise Control



With the engine on, select **Settings > Vehicle > Driver assistance > SCC (Smart Cruise Control)** from the settings menu in the infotainment system to change Distance, Acceleration, Reaction Speed manually.

Warning methods



The Warning methods can be set with the engine on.

- **Warning volume:** Select **Settings > Vehicle > Driver assistance > Warning methods > Warning volume** from the settings menu in the infotainment system to change the warning volume.

If you turn off the **Warning volume**, for your safety, the function may warn you with a low volume.

- **Haptic warning:** Select **Settings > Vehicle > Driver assistance > Warning methods > Haptic warning** from the settings menu in the infotainment system to set haptic warning.
- **Driving safety priority:** Select **Settings > Vehicle > Driver assistance > Warning methods > Driving safety priority** from the settings menu in the infotainment system.

If **Driving safety priority** is selected, the vehicle lowers all other audio volumes when the warning sounds for safe driving.

i Information

- If you change the Warning methods, the Warning methods of other Driver assistance systems may change.
- The **Warning volume** and **Haptic warning** cannot be turned off at the same time. When one of the warnings are turned off the other is activated.
- If the engine is restarted, Warning methods will maintain the previous setting.
- The setting menu may not exist depending on the vehicle specification.

Smart Cruise Control operation

Operating conditions

Basic function

Smart Cruise Control operates when the following conditions are satisfied.

- The gear is in D (Drive)
- Your vehicle speed is within the operating speed range
 - 10- 200 km/h: when there is no vehicle in front
 - 0-200 km/h: when there is a vehicle in front
- ESC (Electronic Stability Control) or ABS (Anti-Lock Braking System) is on

Smart Cruise Control does not operate in the following conditions.

- The driver's door is opened
- Engine RPM is high
- Parking brake is applied
- ESC (Electronic Stability Control) or ABS (Anti-Lock Braking System) is controlling the vehicle
- Forward Collision-Avoidance Assist brake control is operating

i Information

When stopped behind another vehicle, the driver can turn on Smart Cruise Control whilst the brake pedal is pressed.

Operating conditions for Acceleration Assist

Overtaking Acceleration Assist operates when the turn signal indicator is turned on to the right whilst Smart Cruise Control is operating, and the following conditions are satisfied:

- Your vehicle speed is above 60 km/h
- A vehicle is detected in front of your vehicle

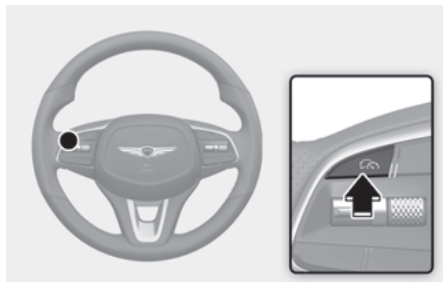
Overtaking Acceleration Assist does not operate in the following conditions.

- The hazard warning flasher is on
- Vehicle speed is reduced to maintain distance with the vehicle in front

WARNING

- When the turn signal indicator is turned on to the right whilst there is a vehicle ahead, the vehicle may accelerate temporarily. Pay attention to the road conditions at all times.
 - Overtaking Acceleration Assist will operate when the conditions are satisfied. When using the function in countries with different driving direction, always check the road conditions at all times.
-

Turning on Smart Cruise Control



- Press the Driving Assist () button to turn on Smart Cruise Control. The speed will be set to the current speed on the instrument cluster.
- If there is no vehicle in front of you, the set speed will be maintained, but if there is a vehicle in front of you, the speed may decrease to maintain the distance to the vehicle ahead. If the vehicle ahead accelerates, your vehicle will travel at a steady cruising speed after accelerating to the set speed.

i Information

If your vehicle speed is between 0-30 km/h when you press the Driving Assist () button, Smart Cruise Control speed will be set to 30 km/h.

Setting vehicle distance



Press the button repeatedly to cycle through the headway settings from **Distance 4** → **Distance 3** → **Distance 2** → **Distance 1** → **Distance 4**.

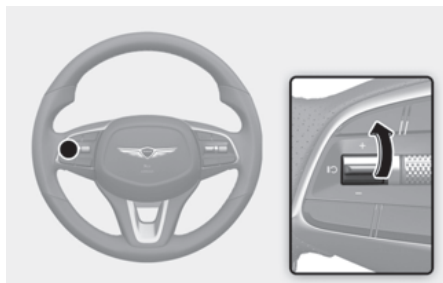
If you drive at 90 km/h, the distance is maintained as follows:

- Distance 4: about 52.5 m
- Distance 3: about 40 m
- Distance 2: about 32.5 m
- Distance 1: about 25 m

i Information

The distance is set to the previous set distance when the vehicle is restarted, or when Smart Cruise Control was temporarily cancelled.

Increasing set speed

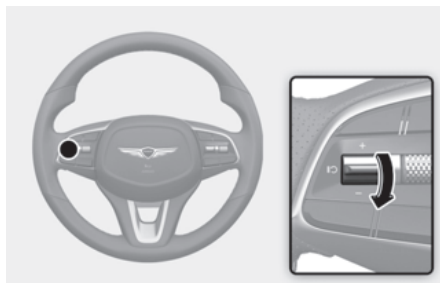


- Push the + switch up and release it immediately. The set speed will increase by 1 km/h each time the switch is operated in this manner.
- Push the + switch up and hold it whilst monitoring the set speed on the instrument cluster. The set speed will increase by 10 km/h each time the switch is operated in this manner. Release the switch when the desired speed is shown, and the vehicle will accelerate to that speed. You can increase the set speed up to 200 km/h.

! WARNING

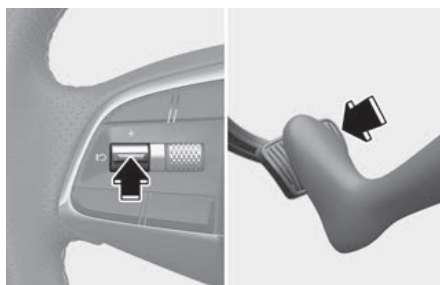
Check the driving conditions before using the + switch. Driving speed may sharply increase when you push up and hold the + switch.

Decreasing set speed



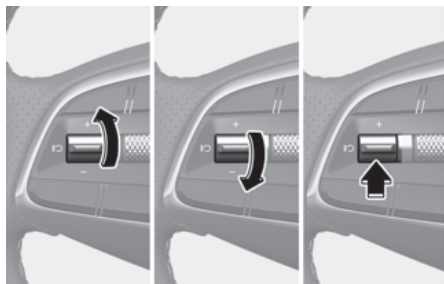
- Push the - switch down and release it immediately. The set speed will decrease by 1 km/h each time the switch is operated in this manner.
- Push the - switch down and hold it whilst monitoring the set speed on the instrument cluster. The set speed will decrease by 10 km/h each time the switch is operated in this manner. Release the switch at the speed you want to maintain. You can decrease the set speed to 30 km/h.

Temporarily cancelling Smart Cruise Control



Press the  switch or press the brake pedal to temporarily cancel Smart Cruise Control.

Resuming Smart Cruise Control



To resume Smart Cruise Control after the function was cancelled, operate the +, - or  switch.

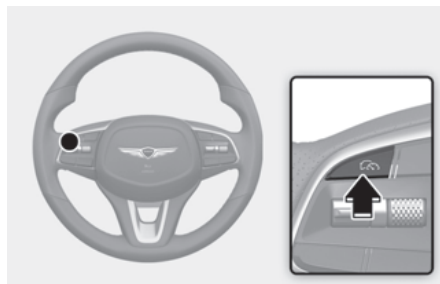
If you push the + switch up or - switch down, vehicle speed will be set to the current speed on the instrument cluster.

If you press the  switch, vehicle speed will resume to the preset speed.

WARNING

Check the driving conditions before using the  switch. Driving speed may sharply increase or decrease when you press the  switch.

Turning off Smart Cruise Control



To turn Smart Cruise Control off, press the Driving Assist () button.

i **Information**

If your vehicle is equipped with Manual Speed Limit Assist, press and hold the Driving Assist () button to turn off Smart Cruise Control. However Manual Speed Limit Assist will turn on.

CAUTION

Do not use the switches and buttons at the same time. Smart Cruise Control may not operate properly.

Display and control

You can see the status of the Smart Cruise Control operation in the Driving Assist view on the instrument cluster. Refer to the “View modes” section in chapter 4.

Smart Cruise Control appears as below depending on the status of the function.

Operating

Sedan



Shooting Brake



- When operating
 - (1) Whether there is a vehicle ahead and the selected distance level
 - (2) Set speed
 - (3) Whether there is a vehicle ahead and the target vehicle distance

Temporarily cancelled

Sedan



Shooting Brake



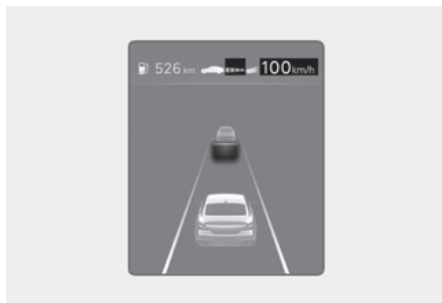
- When temporarily cancelled
 - (1) Your vehicle (grey)
 - (2) Previous set speed (grey)

i Information

- The distance to the front vehicle on the instrument cluster appears according to the actual distance between your vehicle and the vehicle ahead.
- The target distance may vary according to the vehicle speed and the set distance level. If the vehicle speed is low, even though the vehicle distance has changed, the change to the target vehicle distance may be small.
- The images and colours in the instrument cluster may differ depending on the instrument cluster type or theme selected from the instrument cluster.

Accelerating temporarily

Sedan



Shooting Brake



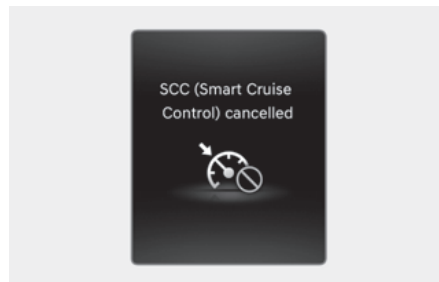
If you want to speed up temporarily without altering the set speed whilst Smart Cruise Control is operating, press the accelerator pedal. Whilst the accelerator pedal is pressed, the set speed, distance level and target distance will blink on the instrument cluster.

However, if the accelerator pedal is pressed insufficiently, the vehicle may decelerate.

WARNING

Be careful when accelerating temporarily, because the speed and distance is not controlled automatically even if there is a vehicle in front of you.

Temporarily cancelling Smart Cruise Control



Smart Cruise Control will be temporarily cancelled automatically when:

- The vehicle speed is above 210 km/h
- The vehicle is stopped for a certain period of time
- The accelerator pedal is continuously pressed for a certain period of time
- The conditions for the Smart Cruise Control to operate are not satisfied

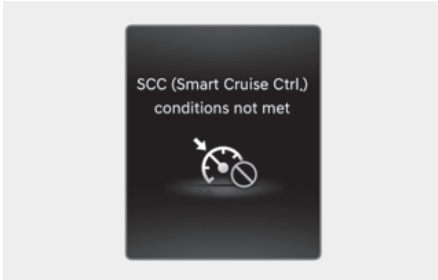
If Smart Cruise Control is temporarily cancelled automatically, the “**SCC (Smart Cruise Control) cancelled**” warning message will appear on the instrument cluster, and an audible warning will sound to warn the driver.

If Smart Cruise Control is temporarily cancelled whilst the vehicle is at a standstill with the function activated, EPB (Electronic Parking Brake) maybe applied.

WARNING

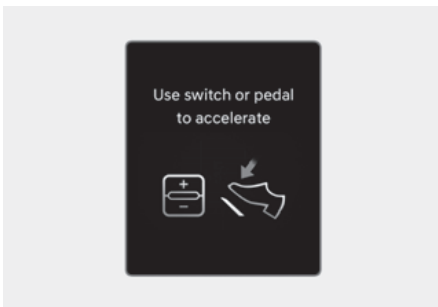
When Smart Cruise Control is temporarily cancelled, distance to the front vehicle will not be maintained. Always have your eyes on the road whilst driving, and if necessary, press the brake pedal to reduce your driving speed in order to maintain a safe distance.

Smart Cruise Control conditions not satisfied



If the Driving Assist button, + switch, - switch or  switch is operated when Smart Cruise Control operating conditions are not satisfied, the **“SCC (Smart Cruise Ctrl. conditions not met)”** will appear on the instrument cluster, and an audible warning will sound.

In traffic situation



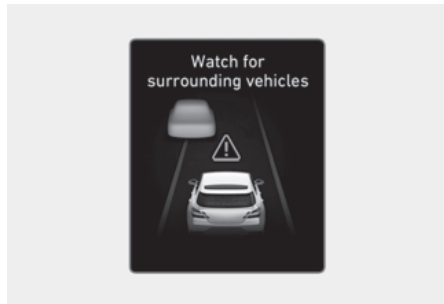
In traffic, your vehicle will stop if the vehicle ahead of you stops. Also, if the vehicle ahead of you starts moving, your vehicle will start moving as well. In addition, after the vehicle has stopped and a certain time has passed, the **“Use switch or pedal to accelerate”** message will appear on the instrument cluster. Press the accelerator pedal or operate the + switch, - switch or  switch to start driving.

Warning road conditions ahead

Sedan



Shooting Brake



In the following situation, the **“Watch for surrounding vehicles”** warning message will appear on the instrument cluster, and an audible warning will sound to warn the driver of road conditions ahead.

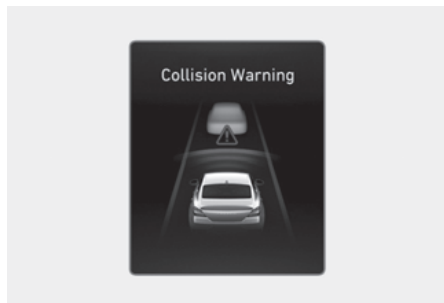
- The vehicle in front disappears when Smart Cruise Control is maintaining the distance to the vehicle ahead whilst driving below a certain speed.

WARNING

Always pay attention to vehicles or objects that may suddenly appear in front of you, and if necessary, press the brake pedal to reduce your driving speed in order to maintain a safe distance.

Collision Warning

Sedan



Shooting Brake



Whilst Smart Cruise Control is operating, when the collision risk with the vehicle ahead is high, the **"Collision Warning"** warning message will appear on the instrument cluster, and an audible warning will sound to warn the driver. Always have your eyes on the road whilst driving, and if necessary, press the brake pedal to reduce your driving speed in order to maintain a safe distance.

WARNING

In the following situations, Smart Cruise Control may not warn the driver of a collision.

- The distance to the front vehicle is short, or the vehicle speed of the front vehicle is faster or similar to your vehicle
- The speed of the front vehicle is very slow or is at a standstill

- The accelerator pedal is pressed immediately after Smart Cruise Control is turned on

WARNING

Take the following precautions when using Smart Cruise Control:

- Smart Cruise Control does not substitute for proper and safe driving. It is the driver's responsibility to always check the speed and distance to the vehicle ahead.
- Smart Cruise Control may not recognise unexpected and sudden situations or complex driving situations, so always pay attention to driving conditions and control your vehicle speed.
- Keep Smart Cruise Control off when the function is not in use to avoid inadvertently setting a speed.
- Do not open the door or leave the vehicle when Smart Cruise Control is operating, even if the vehicle is stopped.
- Always be aware of the selected speed and headway distance.
- Keep a safe distance according to road conditions and vehicle speed. If the headway distance is too close during high-speed driving, a serious collision may result.
- When maintaining distance with the vehicle ahead, if the front vehicle disappears, Smart Cruise Control may suddenly accelerate to the set speed. Always be aware of unexpected and sudden situations that may occur.
- Vehicle speed may decrease on an upward slope and increase on a downward slope.
- Always be aware of situations such as when a vehicle cuts in suddenly.

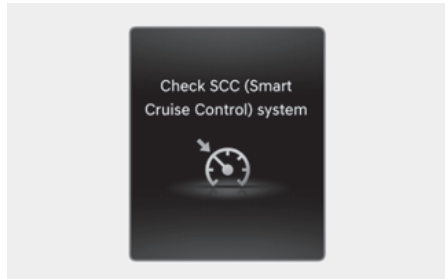
- When you are towing a trailer or another vehicle, turn off Smart Cruise Control for safety reasons.
 - Turn off Smart Cruise Control when your vehicle is being towed.
 - Smart Cruise Control may not operate properly with interference from strong electromagnetic waves.
 - Smart Cruise Control may not detect an obstacle in front and lead to a collision. Always look ahead cautiously to prevent unexpected and sudden situations from occurring.
 - Vehicles moving in front of you with a frequent lane change may cause a delay in Smart Cruise Control reaction or may cause Smart Cruise Control to react to a vehicle actually in an adjacent lane. Always drive cautiously to prevent unexpected and sudden situations from occurring.
 - Always be aware of the surroundings and drive safely, even though a warning message does not appear or an audible warning does not sound.
 - If any other system's warning message appears or warning sound is being generated, Smart Cruise Control warning message may not appear and an audible warning sound may not be generated.
 - You may not hear the warning sound of Forward Collision-Avoidance Assist if the surroundings are noisy.
 - The vehicle manufacturer is not responsible for any traffic violation or accidents caused by the driver.
 - Always set the vehicle speed under the speed limit in your area.
-

i Information

- Smart Cruise Control may not operate for 15 seconds after the vehicle is started or the front view camera or front radar is initialised.
 - You may hear a sound when the brake is controlled by Smart Cruise Control.
-

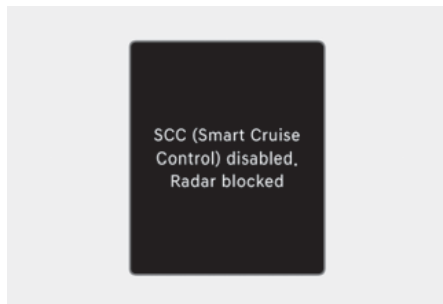
Smart Cruise Control malfunction and limitations

Smart Cruise Control malfunction



When Smart Cruise Control is not working properly, the **“Check SCC (Smart Cruise Control) system”** warning message will appear, and the master (▲) warning light will illuminate on the instrument cluster. If this occurs, we recommend that the vehicle be inspected by an authorised Genesis repairer.

Smart Cruise Control disabled



When the front radar cover or sensor is covered with snow, rain, or foreign material, it can reduce the detecting performance and temporarily limit or disable Smart Cruise Control.

If this occurs the “**SCC (Smart Cruise Control) disabled. Radar blocked**” warning message will appear for a certain period of time on the instrument cluster. Smart Cruise Control will operate properly when snow, rain or foreign material is removed.

WARNING

Even though the warning message does not appear on the instrument cluster, Smart Cruise Control may still not operate properly.

CAUTION

Smart Cruise Control may not properly operate in an area (for example, open terrain), where objects are not detected after turning ON the vehicle.

Limitations of Smart Cruise Control

Smart Cruise Control may not operate properly, or it may operate unexpectedly under the following circumstances:

- The detecting sensor or the surroundings are contaminated or damaged
- Washer fluid is continuously sprayed, or the wiper is on
- The camera lens is contaminated due to tinted, filmed or coated windscreen, damaged glass, or sticky foreign material (sticker, bug, etc.) on the glass
- Moisture is not removed or frozen on the windscreen
- The field of view of the front view camera is obstructed by sun glare
- Street light or light from an oncoming vehicle is reflected on the wet road surface, such as a puddle on the road
- The temperature around the front view camera is high or low
- An object is placed on the instrument panel
- The surroundings are very bright
- The surroundings are very dark, such as in a tunnel, etc.
- The light level changes suddenly, for example when entering or exiting a tunnel
- The light levels outside are low, and the headlamps are not on or are not bright
- Driving in heavy rain or snow, or thick fog
- Driving through steam, smoke or shadow
- Only part of the vehicle is detected
- The vehicle in front has no tail lamps, tail lamps are located unusually, etc.
- The light levels outside are low, and the tail lamps are not on or are not bright
- The rear of the front vehicle is small or does not look normal (for example, tilted, overturned, etc.)

- The front vehicle's ground clearance is low or high
- A vehicle suddenly cuts in front
- Your vehicle is being towed
- Driving through a tunnel or iron bridge
- Driving near areas containing metal substances, such as a construction zone, railroad, etc.
- An object is reflecting off the front radar such as a guardrail, nearby vehicle, etc.
- The bumper around the front radar is impacted, damaged or the front radar is out of position
- The temperature around the front radar is high or low
- Driving in vast areas where there are few vehicles or structures (for example, desert, meadow, suburb, etc.)
- The vehicle in front is made of material that does not reflect on the front radar
- Driving near a highway (or motorway) interchange or tollgate
- Driving on a slippery surface due to snow, water puddle, ice, etc.
- Driving on a curved road
- The vehicle in front is detected late
- The vehicle in front is suddenly blocked by an obstacle
- The vehicle in front suddenly changes lane or suddenly reduces speed
- The vehicle in front is bent out of shape
- The front vehicle's speed is fast or slow
- With a vehicle in front, your vehicle changes lane at low speed
- The vehicle in front is covered with snow
- Unstable driving
- You are on a roundabout and the vehicle in front is not detected
- You are continuously driving in a circle
- Driving in a car park
- Driving through a construction area, unpaved road, partial paved road, uneven road, speed bumps, etc.
- Driving on a gradient, curved road, etc.
- Driving on a roadside with trees or streetlights
- The adverse road conditions cause excessive vehicle vibrations whilst driving
- Your vehicle height is low or high due to heavy loads, abnormal tyre pressure, etc.
- Driving on a narrow road where trees or grass are overgrown
- There is interference from electromagnetic waves, such as driving in an area with strong radio waves or electrical noise

- **Driving on a curved road**



On curves, Smart Cruise Control may not detect a vehicle in the same lane, and may accelerate to the set speed. Also, vehicle speed may rapidly decrease when the vehicle ahead is detected suddenly.

Select the appropriate set speed on curves and apply the brake pedal or accelerator pedal according to the road and driving conditions ahead.



Your vehicle speed can be reduced due to a vehicle in the adjacent lane.

Apply the accelerator pedal and select the appropriate set speed. Check to be sure that the road conditions permit safe operation of the Smart Cruise Control.

- **Driving on a gradient**



During uphill or downhill driving, the Smart Cruise Control may not detect a moving vehicle in your lane, and cause your vehicle to accelerate to the set speed. Also, vehicle speed will rapidly decrease when the vehicle ahead is detected suddenly.

Select the appropriate set speed on inclines and apply the brake pedal or accelerator pedal according to the road and driving conditions ahead.

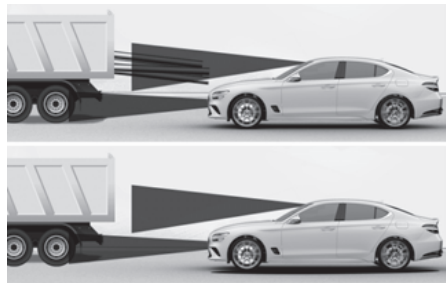
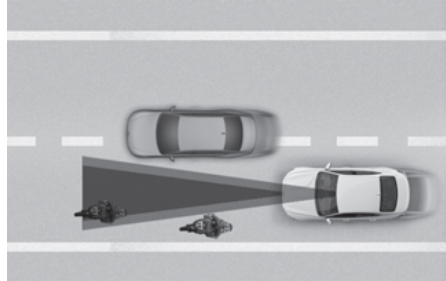
• Changing lanes



[A] Your vehicle
[B] Lane changing vehicle

When a vehicle moves into your lane from an adjacent lane, it cannot be detected by the sensor until it is in the sensor's detection range. Smart Cruise Control may not immediately detect the vehicle when the vehicle changes lanes abruptly. In this case, you must maintain a safe braking distance, and if necessary, press the brake pedal to reduce your driving speed in order to maintain a safe distance.

• Situations when detecting are limited



In the following cases, some vehicles, pedestrians or animals in your lane cannot be detected by the sensor:

- Vehicles offset to one side
- Slow-moving vehicles or sudden-decelerating vehicles
- Vehicles with higher ground clearance or vehicles carrying loads that stick out of the back of the vehicle
- Vehicles that have the front lifted due to heavy loads
- Vehicles within about 2 m from your vehicle
- Oncoming vehicles
- Stopped vehicles
- Vehicles with small rear profile, such as trailers
- Narrow vehicles, such as motorcycles or bicycles
- Special vehicles

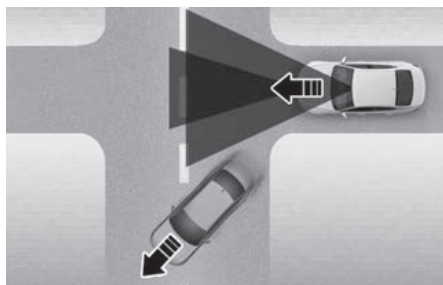
- Animals and pedestrians

Adjust your vehicle speed by pressing the brake pedal according to the road and driving conditions ahead.

In the following cases, the vehicle in front cannot be detected by the sensor:

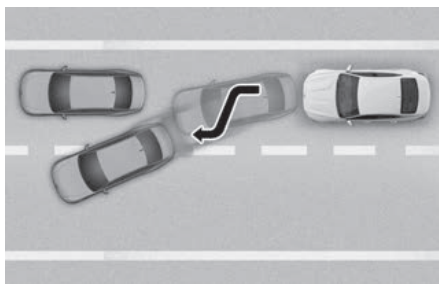
- You are steering your vehicle
- Driving on narrow or sharply curved roads
- When a vehicle ahead disappears at an junction, your vehicle may accelerate.

Always pay attention to road and driving conditions whilst driving.

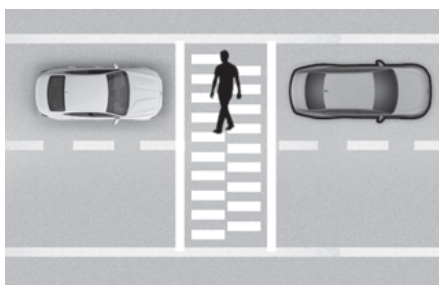


- When a vehicle in front of you merges out of the lane, Smart Cruise Control may not immediately detect the new vehicle that is now in front of you.

Always pay attention to road and driving conditions whilst driving.



- Always look out for pedestrians when your vehicle is maintaining a distance with the vehicle ahead.



Navigation-based Smart Cruise Control (NSCC)

Navigation-based Smart Cruise Control helps maintain a safe speed depending on the road conditions by using information from the navigation system when driving on highways whilst Smart Cruise Control is operating.

i Information

- The Navigation-based Smart Cruise Control is available only on controlled access roads of certain highways.
 - Controlled access roads are roads with limited entrances and exits that allow uninterrupted high speed traffic flow. Only passenger cars and motorcycles are allowed on controlled access roads.
- Additional highways may be expanded by future navigation updates.

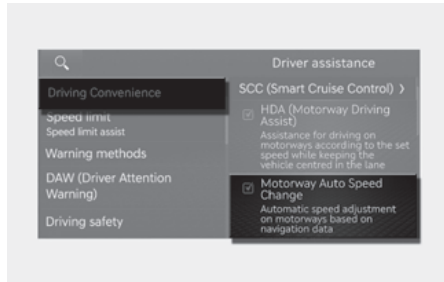
i Information

Navigation-based Smart Cruise Control operates on main roads of highways (or motorways), and does not operate on interchanges or junctions.

Highway Curve Zone Auto Slowdown

If vehicle speed is high, Highway Curve Zone Auto Slowdown function will temporarily decelerate your vehicle or limit acceleration to help you drive safely on a curve based on the curve information from the navigation.

Navigation-based Smart Cruise Control settings



With the vehicle on, select **Settings > Vehicle > Driver assistance > Driving Convenience > Motorway Auto Speed Change** from the Settings menu to turn on Navigation-based Smart Cruise Control and deselect to turn off the function.

i Information

When there is a problem with Navigation-based Smart Cruise Control, the function cannot be set from the Settings menu.

Navigation-based Smart Cruise Control operation

Operating conditions

Navigation-based Smart Cruise Control is ready to operate if all of the following conditions are satisfied:

- Smart Cruise Control is operating
- Driving on main roads of highways (or motorways)

i Information

For more details on how to operate Smart Cruise Control, refer to “Smart Cruise Control (SCC)” section in this chapter.

Navigation-based Smart Cruise Control display and control

When Navigation-based Smart Cruise Control operates, it appears on the instrument cluster as follows:

Navigation-based Smart Cruise Control standby

If the operating conditions are satisfied, the white **NAV** symbol will illuminate.



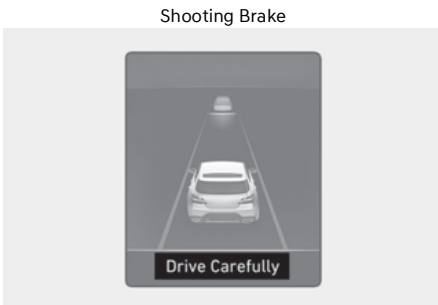
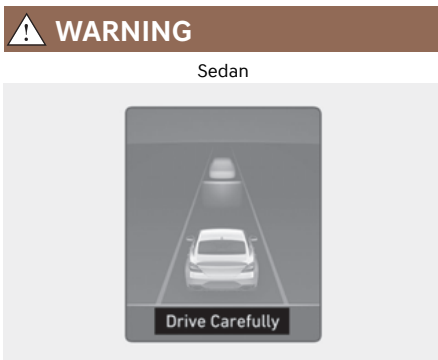
Navigation-based Smart Cruise Control operating

If the operating conditions are satisfied, the green **NAV** indicator light illuminates.

Temporarily cancelled or interrupted by the driver

If Navigation-based Smart Cruise Control cannot control the vehicle, such as when Smart Cruise Control is temporarily cancelled or the navigation system is searching for a route, the gray **NAV** indicator light illuminates.

When the driver presses the accelerator pedal, the white **NAV** indicator light blinks.



“**Drive carefully**” warning message will appear in the following circumstances:

- Navigation-based Smart Cruise Control is not able to slow down your vehicle to a safe speed

i Information

The images and colours in the instrument cluster may differ depending on the instrument cluster type or theme selected from the settings menu.

i Information

Highway Curve Zone Auto Slowdown and Highway Set Speed Auto Change function uses the same **NAV** symbol.

Highway Curve Zone Auto Slowdown

Depending on the curve ahead on the highway (or motorway), the vehicle decelerates, and after passing the curve, the vehicle accelerates to Smart Cruise Control set speed.

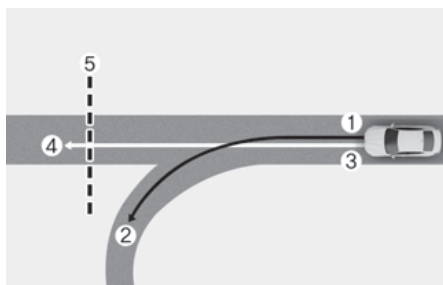
- Vehicle deceleration time may differ depending on the vehicle speed and the degree of the curve on the road. The higher the driving speed, then the deceleration will start faster.

Limitations of Navigation-based Smart Cruise Control

Navigation-based Smart Cruise Control may not operate properly under the following circumstances:

- The navigation is not working properly
- Map information is not transmitted because the infotainment systems is not operating properly.
- Speed limit and road information in the navigation is not updated
- The map information and the actual road is different because of real-time GPS data or map information error
- The navigation searches for a route whilst driving
- GPS signals are blocked in areas such as a tunnel
- A road that divides into two or more roads and joins again
- The driver does not follow the route set in the navigation
- The route to the destination is changed or cancelled by resetting the navigation
- The vehicle enters a service station or rest area
- Android Auto or Car Play is operating

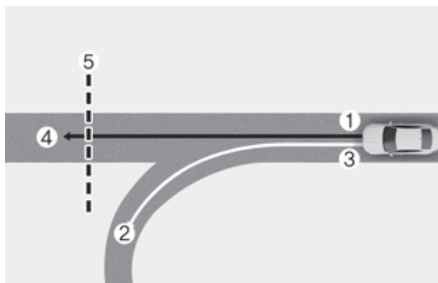
- The navigation cannot detect the current vehicle position (for example, elevated roads including overpass adjacent to general roads or nearby roads exist in a parallel way)
- The navigation is being updated whilst driving
- The navigation is being restarted whilst driving
- The speed limit of some sections changes according to the road situations
- Driving on a road under construction
- Driving on a road that is controlled
- There is bad weather, such as heavy rain, heavy snow, etc.
- Driving on a road that is sharply curved



- (1) Set route
- (2) Branch line
- (3) Driving route
- (4) Main road
- (5) Curved road section

- When there is a difference between the navigation set route (branch line) and the driving route (main road), Highway Curve Zone Auto Slowdown function may not operate until the driving route is recognised as the main road.

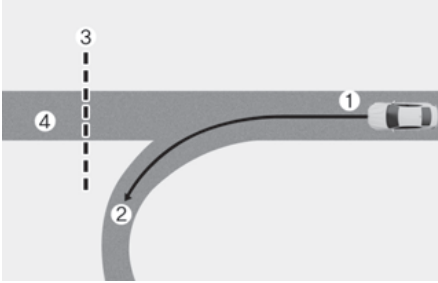
- When the vehicle's driving route is recognised as the main road by staying on the main road instead of the navigation set route, Highway Curve Zone Auto Slowdown function will operate. Depending on the distance to the curve and the current vehicle speed, vehicle deceleration may not be sufficient or may decelerate rapidly.



- (1) Set route
- (2) Branch line
- (3) Driving route
- (4) Main road
- (5) Curved road section

- When there is a difference between the navigation route (main road) and the driving route (branch line), Highway Curve Zone Auto Slowdown function will operate based on the curve information on the main road.

- When it is judged that you are driving off the route by entering the highway interchange or junction, Highway Curve Zone Auto Slowdown function will not operate.



(1) Driving route

(2) Branch line

(3) Curved road section

(4) Main road

- If there is no destination set on the navigation, Highway Curve Zone Auto Slowdown function will operate based on the curve information on the main road.
- Even if you depart from the main road, Highway Curve Zone Auto Slowdown function may temporarily operate due to navigation information of the highway curve section.

WARNING

- Navigation-based Smart Cruise Control is not a substitute for safe driving practices, but a convenience function. Always have your eyes on the road, and it is the driver's responsibility of the driver to avoid violating traffic laws.
- The navigation's speed limit information may differ from the actual speed limit information on the road. It is the driver's responsibility to check the speed limit on the actual driving road or lane.
- Navigation-based Smart Cruise Control will automatically be cancelled when you leave the highway main road. Always pay attention to road and driving conditions whilst driving.
- Navigation-based Smart Cruise Control may not operate due to the existence of leading vehicles and the driving conditions of the vehicle. Always pay attention to road and driving conditions whilst driving.
- When you are towing a trailer or another vehicle, turn off Navigation-based Smart Cruise Control for safety reasons.
- After you pass through a tollgate on a highway, Navigation-based Smart Cruise Control will operate based on the first lane. If you enter one of the other lanes, Navigation-based Smart Cruise Control might not operate properly.
- The vehicle will accelerate if the driver presses the accelerator pedal whilst Navigation-based Smart Cruise Control is operating, and the function will not decelerate the vehicle. However, if the accelerator pedal is pressed insufficiently, the vehicle may decelerate.

- If the driver accelerates and releases the accelerator pedal whilst Navigation-based Smart Cruise Control is operating, the vehicle may not decelerate sufficiently or may rapidly decelerate to a safe speed.
- If the curve is too large or too small, Navigation-based Smart Cruise Control may not operate.

i Information

- A time gap could occur between the navigation's guidance and when Navigation-based Smart Cruise Control operation starts and ends.
- The speed information on the instrument cluster and navigation may differ.
- Even if you are driving at a speed lower than Smart Cruise Control set speed, acceleration may be limited by the curve sections ahead.
- If Navigation-based Smart Cruise Control is operating whilst leaving the main road to enter an interchange, junction, rest area, etc., the function may operate for a certain period of time.
- Deceleration by Navigation-based Smart Cruise Control may feel it is insufficient due to road conditions such as uneven road surfaces, narrow lanes, etc.

Lane Following Assist (LFA)

Lane Following Assist detects lane markings and/or a vehicle ahead on the road, and centre your vehicle in the lane.

Detecting sensor



(1) Front view camera

The front view camera is used as a detecting sensor to detect lane markings and front vehicles.

See the image above for the detailed location of the detecting sensor.

CAUTION

For more information on the precautions of the front view camera, refer to the "Forward Collision-Avoidance Assist (FCA) (Sensor fusion)" section in this chapter.

Lane Following Assist settings

Warning methods



The Warning methods can be set with the engine on.

- **Warning volume:** Select **Settings > Vehicle > Driver assistance > Warning methods > Warning volume** from the settings menu in the infotainment system to change the warning volume.

If you turn off the **Warning volume**, for your safety, the function may warn you with a low volume.

- **Driving safety priority:** Select **Settings > Vehicle > Driver assistance > Warning methods > Driving safety priority** from the settings menu in the infotainment system.

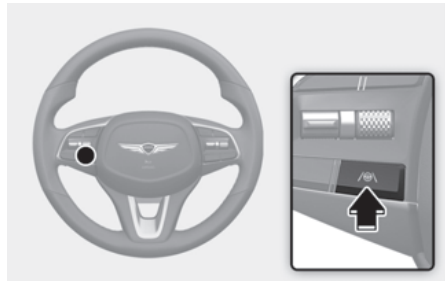
If **Driving safety priority** is selected, the vehicle lowers all other audio volumes when the warning sounds for safe driving.

i Information

- If you change the Warning methods, the Warning methods of other Driver assistance systems may change.
- If the engine is restarted, Warning methods will maintain the previous setting.
- The setting menu may not exist based on vehicle specification.

Lane Following Assist operation

Turning Lane Following Assist On/Off



With the engine on, shortly press the Lane Driving Assist button located on the steering wheel to turn on Lane Following Assist. The grey or green indicator light will appear on the instrument cluster.

Press the button again to turn off the function.

i Information

A long press of the Lane Driving Assist button turns Lane Keeping Assist on and off. For more information, refer to the “Lane Keeping Assist (LKA)” section in this chapter.

Warning and control

Lane Following Assist

Sedan



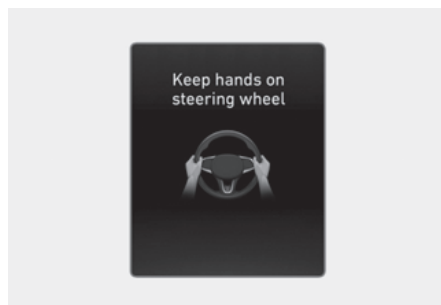
Shooting Brake



If the vehicle ahead and/or both lane markings are detected and your vehicle speed is below 200 km/h, the green  indicator light illuminates on the instrument cluster, and Lane Following Assist helps centre the vehicle in the lane by assisting the steering wheel.

CAUTION

When the steering wheel is not assisted, the white  indicator light blinks and change to grey.

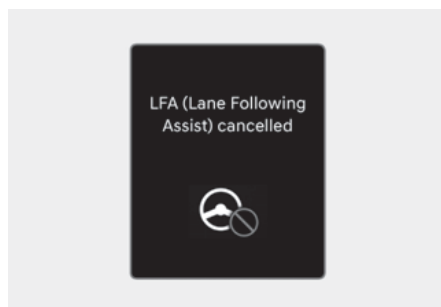


Hands-off warning

If the driver takes their hands off the steering wheel for several seconds, the **“Keep hands on the steering wheel”** warning message will appear and an audible warning will sound in stages.

First stage : Warning message

Second stage : Warning message (red steering wheel) and audible warning



If the driver still does not have their hands on the steering wheel after the hands-off warning, the **“LFA (Lane Following Assist) cancelled”** warning message will appear and Lane Following Assist will be automatically cancelled.

WARNING

- The steering wheel may not be assisted if the steering wheel is held very tight or the steering wheel is steered over a certain degree.
- Lane Following Assist does not operate at all times. It is the responsibility of the driver to safely steer the vehicle and to maintain the vehicle in its lane.
- The hands-off warning message may appear late depending on road conditions. Always have your hands on the steering wheel whilst driving.
- If the steering wheel is held very lightly the hands-off warning message may appear because Lane Following Assist may not recognise that the driver has their hands on the steering wheel.
- If you attach objects to the steering wheel, the hands-off warning may not work properly.

Information

- For more information on instrument cluster settings, refer to the “Instrument cluster display control” section in chapter 4.
- When both lane markings are detected, the lane lines on the instrument cluster will change from grey to white.

Sedan - Lane undetected



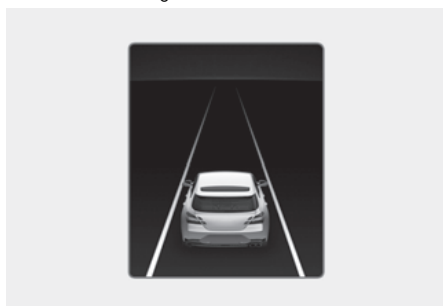
Sedan - Lane detected



Shooting Brake - Lane undetected



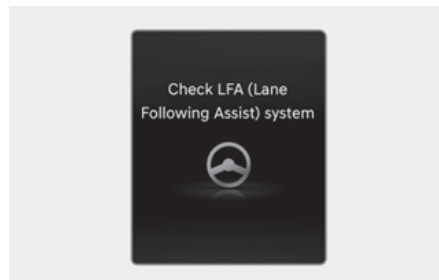
Shooting Brake - Lane detected



- The images and colours in the instrument cluster may differ depending on the instrument cluster type or theme selected from the instrument cluster
- If lane markings are not detected, steering wheel control by Lane Following Assist can be limited depending on whether a vehicle is in front or the driving conditions of the vehicle.
- Even though the steering is assisted by Lane Following Assist, the driver may control the steering wheel.
- The steering wheel may feel heavier or lighter when the steering wheel is assisted by Lane Following Assist than when it is not.

Lane Following Assist malfunction and limitations

Lane Following Assist malfunction



When Lane Following Assist is not working properly, the **"Check LFA (Lane Following Assist) system"** warning message will appear for several seconds, and the master (⚠) warning light will illuminate on the instrument cluster. If this occurs, we recommend that the vehicle be inspected by an authorised Genesis repairer.

Limitations of Lane Following Assist

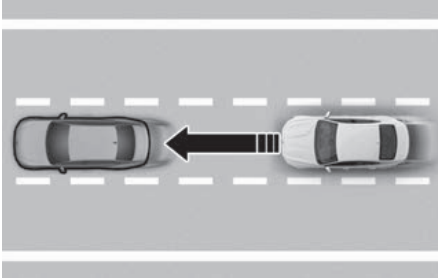
For more information on Lane Following Assist limitations, refer to the "Lane Keeping Assist (LKA)" section in this chapter.

i Information

For more information on Lane Following Assist precautions, refer to the "Lane Keeping Assist malfunction and limitations" section in this chapter.

Highway Driving Assist (HDA)

Highway Driving Assist detect lanes and vehicles ahead, and help maintain the distance from the vehicle ahead and the set speed, and centre your vehicle in the lane whilst driving on the highway.



i Information

- Highway Driving Assist is available only on controlled access roads of certain highways.
 - Controlled access roads are roads with limited entrances and exits that allow uninterrupted high speed traffic flow. Only passenger cars and motorcycles are allowed on controlled access roads.
- Additional highways may be expanded by future navigation updates.

i Information

Navigation-based Smart Cruise Control operates on main roads of highways (or motorways), and does not operate on interchanges or junctions.

Detecting sensor



- (1) Front view camera
- (2) Front radar

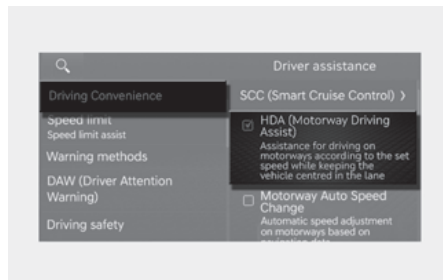
See the image above for the detailed location of the detecting sensors.

CAUTION

For more information on the precautions of the detecting sensors, refer to the “Forward Collision-Avoidance Assist (FCA) (Sensor fusion)” section in this chapter.

Highway Driving Assist settings

HDA (Motorway driving Assist)



With the engine on, select or deselect **Settings > Vehicle > Driver assistance > Driving Convenience > HDA (Motorway driving Assist)** from the Settings menu to set whether to use each function.

If **HDA (Motorway driving Assist)** is selected, it helps maintain distance from the vehicle ahead, maintain the set speed, and helps centre the vehicle in the lane.

i Information

- If there is a problem with the function(s), the settings cannot be changed. We recommend that the vehicle be inspected by an authorised Genesis repairer.
- If the engine is restarted, the function(s) will maintain the previous setting.

WARNING

For your safety, change the Settings after parking the vehicle at a safe location.

Warning methods



The Warning methods can be set with the engine on.

- **Warning volume:** Select **Settings > Vehicle > Driver assistance > Warning methods > Warning volume** from the settings menu in the infotainment system to change the warning volume. If you turn off the **Warning volume**, for your safety, the function may warn you with a low volume.
- **Driving safety priority:** Select **Settings > Vehicle > Driver assistance > Warning methods > Driving safety priority** from the settings menu in the infotainment system.

If **Driving safety priority** is selected, the vehicle lowers all other audio volumes when the warning sounds for safe driving.

i Information

- If you change the Warning methods, the Warning methods of other Driver assistance systems may change.
- If the engine is restarted, Warning methods will maintain the previous setting.
- The setting menu may not exist depending on the vehicle specification.

Highway Driving Assist operation

Basic function

Displaying operating status

You can see the status of the Highway Driving Assist operation in the Driving Assist view on the instrument cluster. Refer to the “View modes” section in chapter 4.

Highway Driving Assist appears as below depending on the status of the function.

Sedan - Operating state



Sedan - Standby state



Shooting Brake - Operating state



Shooting Brake - Standby state



1. Highway Driving Assist indicator, whether there is a vehicle ahead and the selected distance level appear.

- Highway Driving Assist indicator (HDA)
 - Green HDA: Operating state
 - Grey HDA: Standby state
 - White HDA blink: Accelerator pressed state

2. Set speed

3. Lane Following Assist indicator

4. Whether there is a vehicle ahead and the selected headway

5. Whether the lane is detected or not

i Information

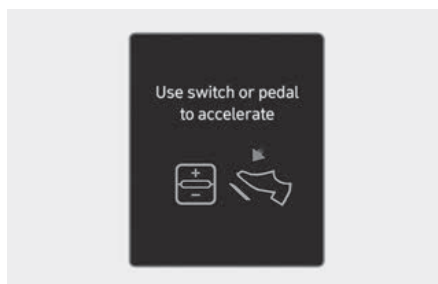
- For more information on the display, refer to the “Lane Following Assist (LFA)” and “Smart Cruise Control (SCC)” sections in this chapter.
- The images and colours in the instrument cluster may differ depending on the instrument cluster type or theme selected from the settings menu.

Highway Driving Assist operation

Highway Driving Assist operates when:

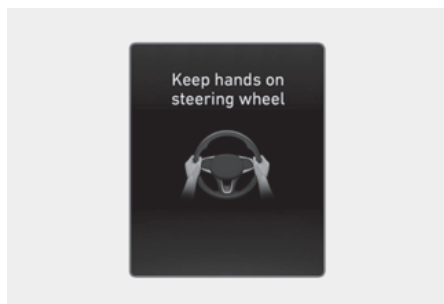
- Driving on the main road of highways, and turning on Highway Driving Assist by pressing the Driving Assist button
- Entering the main road of highways whilst Lane Following assist and Smart Cruise Control are operating

Restarting after stopping



When Highway Driving Assist is operating, your vehicle will stop if the vehicle ahead of you stops. Also, if the vehicle ahead of you starts moving within 30 seconds after the stop, your vehicle will start as well. In addition, after the vehicle has stopped and 30 seconds have passed, the **“Use switch or pedal to accelerate”** message will appear on the instrument cluster. Press the accelerator pedal or operate the + switch, - switch or  switch to start driving.

Hands-off warning



If the driver takes their hands off the steering wheel for several seconds, the **“Keep hands on steering wheel”** warning message will appear and an audible warning will sound in stages.

First stage: Warning message

Second stage: Warning message (red steering wheel) and audible warning



If the driver still does not have their hands on the steering wheel after the hands-off warning, **“HDA (Motorway Driving Assist) sys. cancelled”** warning message will appear and Highway Driving Assist will be automatically cancelled.

Driving speed limit



When Highway Driving Assist is cancelled by the hands-off warning, The driving speed will be limited.

Whilst Driving Speed Limit function is operating, the **“Driver's grasp not detected. Driving speed will be limited”** warning message will appear on the instrument cluster, and an audible warning will sound continuously.

Highway Driving Assist standby

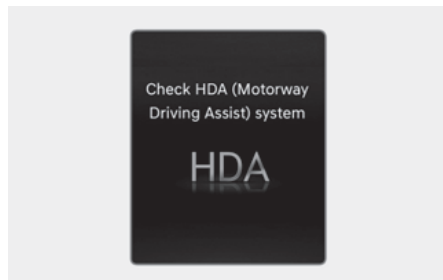
When the Smart Cruise Control is temporarily cancelled whilst Highway Driving Assist is operating, Highway Driving Assist will be in the standby state. At this time, Lane Following Assist will still operate.

i Information

- Driving Speed Limit helps you drive below 60 km/h. At this time, the vehicle decelerates due to the vehicle ahead. After the vehicle has decelerated, it cannot automatically accelerate.
- Driving Speed Limit will cancel in the following circumstances:
 - When the driver grabs the steering wheel again
 - When the driver turns on Lane Following Assist by pressing the Lane Driving Assist button (⌂)
 - When +, -, ||⏏ switch or ⏏ button is operated, or the accelerator pedal or the brake pedal is pressed

Highway Driving Assist malfunction and limitations

Highway Driving Assist malfunction



When Highway Driving Assist is not working properly, the “**Check HDA (Motorway Driving Assist)**” warning message will appear, and the master (▲) warning light will illuminate on the instrument cluster. We recommend that the vehicle be inspected by an authorised Genesis repairer.

WARNING

- It is the driver's responsibility to control the vehicle for safe driving.
- Always have your hands on the steering wheel whilst driving.
- Highway Driving Assist is a supplemental function that assists the driver in driving the vehicle and is not a complete autonomous driving system. Always check road conditions, and if necessary, take appropriate actions to drive safely.
- Always have your eyes on the road, and it is the driver's responsibility to avoid violating traffic laws. The vehicle manufacturer is not responsible for any traffic violation or accidents caused by the driver.
- Highway Driving Assist may not be able to recognise all traffic situations. Highway Driving Assist may not detect possible collisions due to limitations of the function. Always be aware of the limitations of the function. Obstacles such as vehicles, motorcycles, bicycles, pedestrians, or unspecified objects or structures such as guardrails, tollgate, etc., that may collide with the vehicle may not be detected.
- Highway Driving Assist will turn off automatically under the following situations:
 - Driving on roads where Highway Driving Assist does not operate, such as a rest area, intersection, junction, etc.
 - The navigation does not operate properly such as when the navigation is being updated or restarted
- Highway Driving Assist may inadvertently operate or turn off depending on road conditions (navigation information) and surroundings.
- Lane Following Assist function may be temporarily disabled when the front view camera cannot detect lanes properly or the hands-off warning is on.
- You may not hear the warning sound of Highway Driving Assist if the surroundings are noisy.
- If the vehicle is driven at high speed above a certain speed at a curve, your vehicle may drive to one side or may depart from the driving lane.
- When you are towing a trailer or another vehicle, turn off Highway Driving Assist for safety reasons.
- The hands-off warning message may appear early or late depending on how the steering wheel is held or road conditions. Always have your hands on the steering wheel whilst driving.

- For your safety, please read the owner's manual before using the Highway Driving Assist.
- Highway Driving Assist will not operate when the vehicle is started, or when the detecting sensors or navigation is being initialised.

Limitations of Highway Driving Assist

Highway Driving Assist may not operate properly, or it may not operate under the following circumstances:

- The map information and the actual road is different because the navigation is not updated
- The map information and the actual road is different because of real-time GPS data or map information error
- The infotainment system is overloaded by simultaneously performing functions such as route search, video playback, voice recognition, etc.
- GPS signals are blocked in areas such as a tunnel
- The driver goes off course or the route to the destination is changed or cancelled by resetting the navigation
- The vehicle enters a service station or rest area
- Android Auto or Car Play is operating
- The navigation cannot detect the current vehicle position (for example, elevated roads including overpass adjacent to general roads or nearby roads exist in a parallel way)

***i* Information**

For more information on the limitations of the front view camera and front radar, refer to the "Forward Collision-Avoidance Assist (FCA) (Sensor fusion)" section in this chapter.

Rear View Monitor (RVM)

+ if equipped

Rear View Monitor displays the area behind your vehicle to help with safe parking or driving.

Detecting sensor

Sedan



Shooting Brake



(1) Wide-rear view camera

See the images above for the detailed location of the detecting sensor.

Rear View Monitor settings

Warning methods



The Warning methods can be set with the engine on.

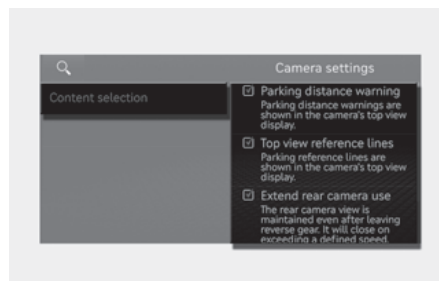
- **Parking safety priority:** Select **Settings > Vehicle > Driver assistance > Warning methods > Parking safety priority** in the infotainment system.

If **Parking safety priority** is enabled, the vehicle lowers all other audio volumes when Rear View Monitor is operating.

i Information

- If you change the Warning methods, the Warning methods of other Driver assistance systems may change.
- If the engine is restarted, Warning methods will maintain the previous setting.
- The setting menu may not exist depending on the vehicle specification.
- The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

Camera settings



You can change Rear View Monitor **Content selection** by touching the setup icon (⚙️) on the screen whilst Rear View Monitor is operating, or selecting **Settings > Vehicle > Driver assistance > Parking safety > Camera settings** from the Settings menu in the infotainment system whilst the engine is on.

In the **Content selection**, you can change settings for **Extended rear camera use** and **Rear view reference lines**.

Extended rear camera use

Keeps displaying the rear view when shifting from R (Reverse) to N (Neutral) or D (Drive). When exceeding a certain speed, the rear view stops displaying.

Rear view reference lines



If **Rear view reference lines** is selected, the rear view parking guide lines and rear top view guide lines appear on the Rear View Monitor screen.

i Information

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

i Information

- The horizontal guideline of the Rear View Parking Guidance shows the distance of 0.5 m, 1 m and 2.3 m from the vehicle.
 - The horizontal guideline of the Rear Top View Parking Guidance shows the distance of 0.5 m and 1.5 m from the vehicle for sedan, or shows the tailgate opening distance and 1.5 m from the vehicle for shooting brake.
-

Rear View Monitor operation

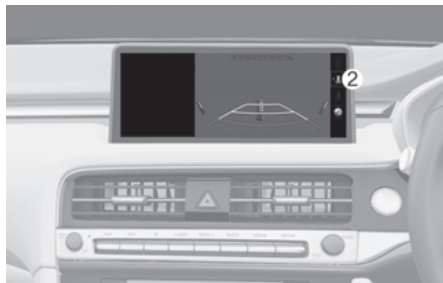
Parking/View button



Press the Parking/View button (1) to turn on Rear View Monitor.

Press the button again to turn off the function.

Rear view



Operating conditions

- Shift the gear to R (Reverse), the rear view will turn on.
- Press the Parking/View button (1) whilst the gear is in P (Park), the rear view will turn on.
- Select view button (2), the rear view will turn on.

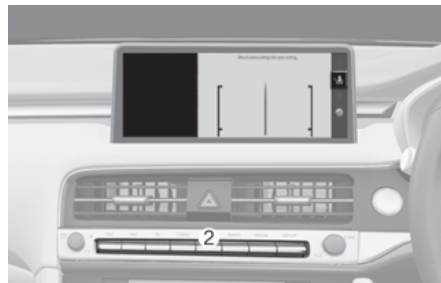
Off conditions

- Press the Parking/View button (1) again whilst the gear is in P (Park) with the rear view on the screen, the rear view will turn off.
- Shift the gear from R (Reverse) to P (Park), the rear view will turn off.

i Information

When the gear is in R (Reverse), the rear view does not turn off.

Rear top view



When you touch the  icon, the top view appears on the screen and shows the distance from the vehicle to the rear of your vehicle whilst parking.

Extended Rear View Monitor

The rear view will maintain showing on the screen to help you when parking.

Operating conditions

The gear is shifted from R (Reverse) to N (Neutral) or D (Drive), and vehicle speed is 10 km/h or less.

Off conditions

- When vehicle speed is above 10 km/h, the rear view will turn off.
- Press the Parking/View button (1), the rear view will turn off.
- Shift the gear to P (Park), the rear view will turn off.
- Press the Infotainment system button (2), the rear view will turn off.
- Press the home button, the rear view will turn off.

Rear View whilst driving



The driver is able to check the rear view on the screen whilst driving, this is to assist with reversing.

Operating conditions

Press the Parking/View button (1) whilst the gear is in D (Drive) or N (Neutral), the driving rear view will appear on the screen.

Off conditions

- Press the Parking/View button (1) again, the driving rear view will turn off.
- Press one of the infotainment system button (2), the driving rear view will turn off.
- Shift the gear to P (Park), the driving rear view will turn off.

When operating

If the gear is shifted to R (Reverse), when rear view whilst driving appears on the screen, the screen will change to rear view.

i Information

- The rear view does not turn off regardless of the mode when the gear is in R (Reverse).
- When the rear view is activated, the latest used view mode appears.
- The rear parking guidelines appear in rear view and rear top view mode. (When pressing the **SETUP** button, and then selecting **Vehicle > Driver assistance > Parking safety > Camera settings > Content selection > Rear view reference lines** in the infotainment system) However, rear parking guidelines are not displayed in the rear view whilst driving.
- The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.
- The rear view whilst driving does not turn off even when the vehicle speed is lower than 10 km/h once it is on.
- When the rear view whilst driving is on, the rear top view will be deactivated.

Rear View Monitor malfunction and limitations

Rear View Monitor malfunction

When Rear View Monitor is not working properly, or the screen flickers, or the camera image does not display properly, we recommend that the vehicle be inspected by an authorised Genesis repairer.

Limitations of Rear View Monitor

When the vehicle is stopped for a long time in winter or when the vehicle is parked in an indoor car park, exhaust fumes may temporarily blur the image.

WARNING

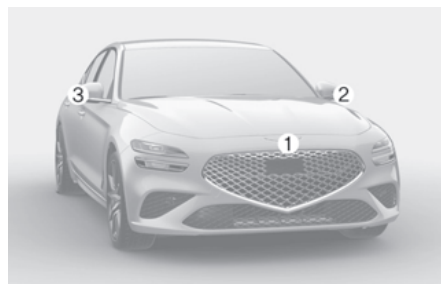
- The wide-rear view camera does not cover the complete area behind the vehicle. The driver should always check the rear area directly through the inside and outside rearview mirror before parking or reversing.
- The image shown on the screen may differ from the actual distance of the object. Make sure to directly check the vehicle's surroundings for safety.
- Always keep the wide-rear view camera lens clean. If the lens is covered with foreign material, it may adversely affect camera performance and Rear View Monitor may not operate properly. However, do not use chemical solvents such as strong detergents containing high alkaline or volatile organic solvents (petrol, acetone etc.). This may damage the camera lens.

Surround View Monitor (SVM)

 If equipped

Surround View Monitor uses the wide view cameras and displays images around your vehicle through the infotainment system to help with safe parking or driving.

Detecting sensor



Sedan



Shooting Brake

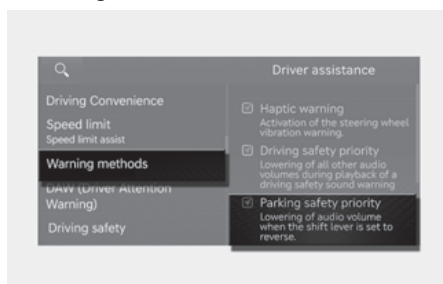


- (1) Wide-front view camera
- (2) Wide-side view camera (under the outside rearview mirror)
- (3) Wide-side view camera (under the outside rearview mirror)
- (4) Wide-rear view camera

See the images above for the detailed location of the detecting sensors.

Surround View Monitor settings

Warning methods



The Warning methods can be set with the engine on.

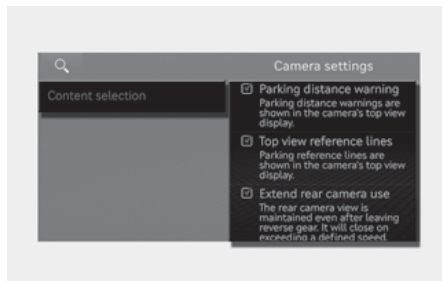
- **Parking safety priority:** Select **Settings > Vehicle > Driver assistance > Warning methods > Parking safety priority** in the infotainment system.

If **Parking safety priority** is enabled, the vehicle lowers all other audio volumes when Surround View Monitor is operating.

i Information

- If you change the Warning methods, the Warning methods of other Driver assistance systems may change.
- If the engine is restarted, Warning methods will maintain the previous setting.
- The setting menu may not exist depending on the vehicle specification.
- The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

Camera settings



You can change Surround View Monitor **Content selection** by touching the setup icon (⚙️) on the screen whilst Surround View Monitor is operating, or selecting **Settings > Vehicle > Driver assistance > Parking safety > Camera settings** from the Settings menu in the infotainment system whilst the engine is on.

- In the **Content selection**, you can change settings for **Parking distance warning**, **Top view reference lines** and **Rear view reference lines**.

i Information

- The setting menu may not exist depending on vehicle specification.
- The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

Parking distance warning

When the **Parking distance warning** is selected, parking distance warning appears on the Surround View Monitor screen.

Top view reference lines

When the **Top view reference lines** is selected, parking guidance appears on the Surround View Monitor screen.

i Information

The horizontal guideline of the Rear Top View Parking Guidance shows the distance of 0.5 m and 2 m from the vehicle for sedan, or shows the tailgate opening distance and 2 m from the vehicle for shooting brake.

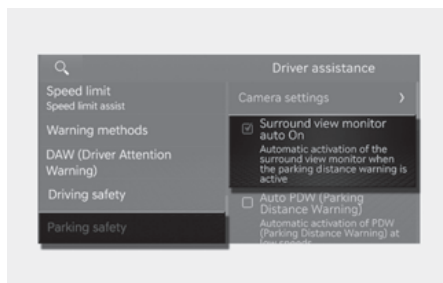
Rear view reference lines

When the **Rear view reference lines** are selected, parking guidance appears in the rear view.

i Information

The horizontal guideline shows the distance of 0.5 m, 1 m and 2.3 m.

Surround View Monitor Auto On



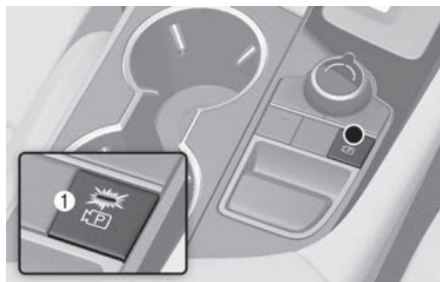
With the engine on, select **Settings > Vehicle > Driver assistance > Parking safety > Surround view monitor auto On** from the Settings menu in the infotainment system to use the function.

i Information

- For more information on Surround View Monitor auto On, refer to the “Surround View Monitor operation” in this chapter.
- The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

Surround View Monitor operation

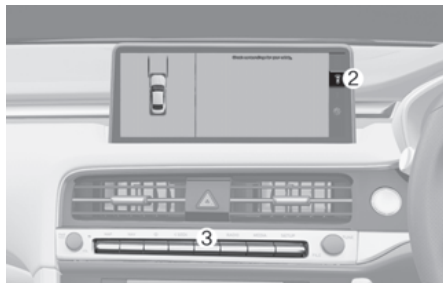
Parking/View button



Press the Parking/View button (1) to turn on Surround View Monitor.

Press the Parking/View button (1) again to turn off the function.

Front view



The front view appears on the screen when the gear is in N (Neutral) or D (Drive) to assist in parking.

You may select top view, front view, side view and wide view using the change view button (2).

Operating conditions

- The gear is shifted to N (Neutral) or D (Drive) from R (Reverse) and the vehicle speed is 10 km/h or less.
- The Parking/View button (1) is pressed, whilst the gear is in P (Park), N (Neutral) or D (Drive), and vehicle speed is 10 km/h or less.
- The Parking Distance Warning occurs whilst the gear is in D (Drive).
- **Surround view monitor auto On** function is operated.

When **Driver assistance > Parking safety > Surround view monitor auto On** is selected from the Settings menu, the front view whilst parking appears.

i Information

- When the front view is activated, the latest used view mode appears.
- The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

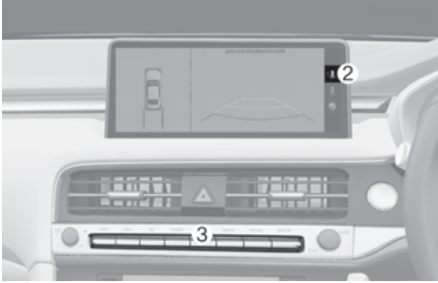
Off conditions

- The gear is shifted from N (Neutral) or D (Drive) to P (Park) or R (Reverse).
- The Parking/View button (1) or the Infotainment system button (3) is Pressed.
- Vehicle speed is above 10 km/h.

i Information

Surround View Monitor may turn off when vehicle speed is above 10 km/h. However, Surround View Monitor may not turn on again even though vehicle speed drops below 10 km/h.

Rear view



The rear view appears on the screen to assist with parking.

You may select rear top view, rear view, rear side view and rear wide view using the change view button (2).

Operating conditions

- The gear is shifted to R (Reverse).
- The rear view is selected by pressing the change view button (2) after pressing the Parking/View button (1), whilst the gear is in P (Park), N (Neutral) or D (Drive), and vehicle speed is 10 km/h or less.

Off conditions

- The gear is shifted to R (Reverse).
- The Parking/View button (1) is pressed, whilst the gear is in P (Park).

***i* Information**

When the gear is in R (Reverse), the rear view does not turn off even if the infotainment system button (3) is Pressed.

Rear View whilst driving

The driver is able to check the rear view on the screen whilst driving, this is to assist with reversing.

Operating conditions

- The rear view is selected by pressing the change view button (2) after pressing the Parking/View button (1), whilst the gear is in N (Neutral) or D (Drive), and vehicle speed is above 10 km/h.

You may select rear view or rear wide view using the change view button (2) .

Off conditions

- The gear is shifted to P (Park).
- The Parking/View button (1) or the Infotainment system button (3) is Pressed.

***i* Information**

- When the rear view whilst driving is activated, the latest used view mode appears.
 - The Rear View Parking Lines do not operate on the rear view whilst driving.
 - The rear view whilst driving does not turn off even when the vehicle speed is lower than 10 km/h once activated.
 - When the rear view whilst driving is on, the rear top view and rear side view are deactivated at all speeds.
-

Surround View Monitor malfunction and limitations

Surround View Monitor malfunction

When Surround View Monitor is not working properly, or the screen flickers, or the camera image does not display properly, we recommend that the vehicle be inspected by an authorised Genesis repairer.

Limitations of Surround View Monitor

- When the vehicle is stopped for a long time in winter or when the vehicle is parked in an indoor car park, the exhaust fumes may temporarily blur the image.
- The screen may appear abnormally, and an icon will appear at the top right side of the screen under the following circumstances:
 - The boot (or tailgate) is opened
 - The driver or front passenger door is opened
 - The outside rearview mirrors are folded

WARNING

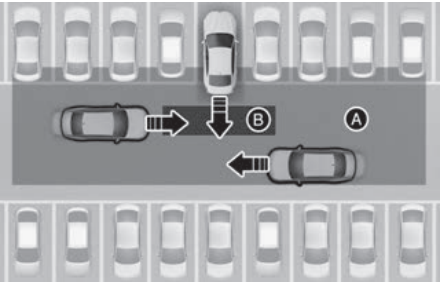
- ALWAYS look around your vehicle to make sure there are no objects or obstacles before moving the vehicle. What you see on the screen may differ from the actual vehicle's location.
- The image shown on the screen may differ from the actual distance of the object. Make sure to directly check the vehicle's surroundings for safety.
- Surround View Monitor is designed to be used on a flat surface. Therefore, if used on roads with different heights such as kerbs and speed bumps, the image in the screen may not look correct.
- Always keep the camera lens clean. If the lens is covered with foreign material, it may adversely affect camera performance and Surround View Monitor may not operate properly. However, do not use chemical solvents such as strong detergents containing high alkaline or volatile organic solvents (petrol, acetone etc.). This may damage the camera lens.

Information

Surround View Monitor uses the cameras installed on the vehicle to show images around the vehicle through the infotainment system. The image shown on the screen may look unnatural depending on the surroundings.

Rear Cross-Traffic Collision-Avoidance Assist (RCCA)

Rear Cross-Traffic Collision-Avoidance Assist detects vehicles approaching from the rear left or right whilst your vehicle is reversing and warns you of a possible collision with a warning message and a warning sound. Also, Rear Cross-Traffic Collision-Avoidance Assist may assist with braking your vehicle to help avoid a collision.



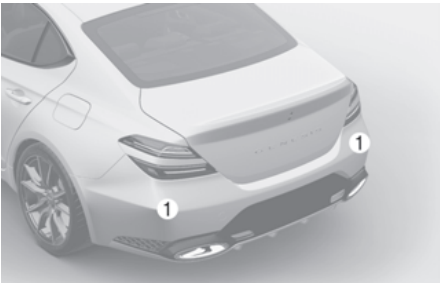
- [A] Rear Cross-Traffic Collision Warning operating range
- [B] Rear Cross-Traffic Collision-Avoidance Assist operating range

CAUTION

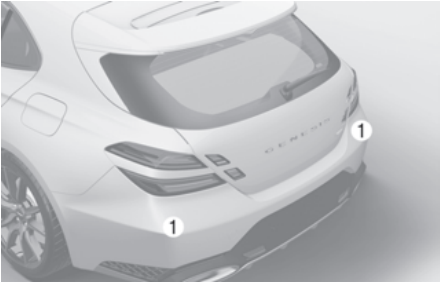
Warning timing may vary depending on the speed of the approaching vehicle.

Detecting sensor

Sedan



Shooting Brake



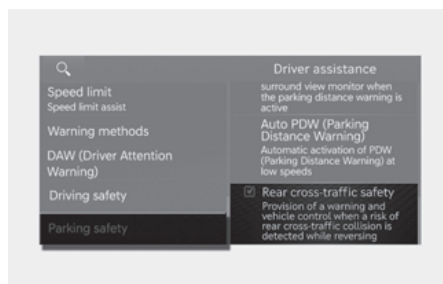
(1) Rear corner radar
See the images above for the detailed location of the detecting sensors.

Information

For more information on the precautions of the rear corner radar, refer to the “Blind-Spot Collision-Avoidance Assist (BCA)” section in this chapter.

Rear Cross-Traffic Collision-Avoidance Assist settings

Rear cross-traffic safety

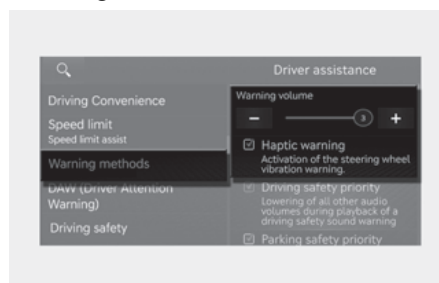


With the engine on, select **Settings > Vehicle > Driver assistance > Parking safety > Rear cross-traffic safety** from the settings menu in the infotainment system to turn on Rear Cross-Traffic Collision-Avoidance Assist and deselect to turn off the function.

WARNING

When the engine is restarted, Rear Cross-Traffic Collision-Avoidance Assist will always turn on. However, if "Off" is selected after the engine is restarted, the driver should always be aware of the surroundings and drive safely.

Warning methods



The Warning methods can be set with the engine on.

- **Warning volume:** Select **Settings > Vehicle > Driver assistance > Warning methods > Warning volume** from the settings menu in the infotainment system to change the warning volume.
- **Haptic warning:** Select **Settings > Vehicle > Driver assistance > Warning methods > Haptic warning** from the settings menu in the infotainment system to set haptic warning.

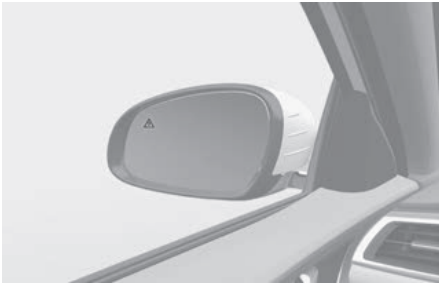
Information

- If you change the Warning methods, the Warning methods of other Driver assistance systems may change.
- The **Warning volume** and **Haptic warning** cannot be turned off at the same time. When one of the warnings are turned off the other is activated.
- If the engine is restarted, Warning methods will maintain the previous setting.
- The setting menu may not exist depending on the vehicle specification.

Rear Cross-Traffic Collision-Avoidance Assist operation

Collision Warning

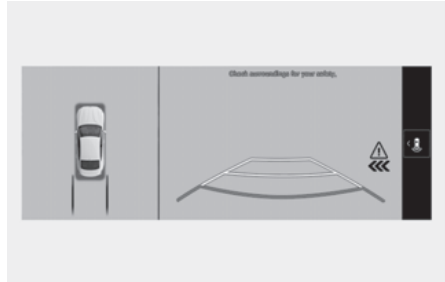
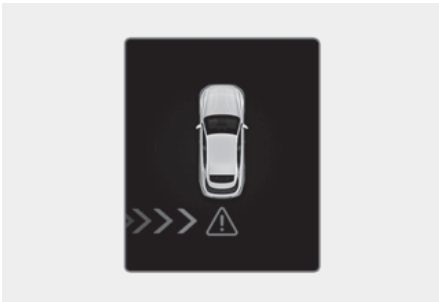
Rear Cross-Traffic Collision-Avoidance Assist will warn and help control the vehicle depending on collision risk level: “Collision Warning”, “Emergency Braking” and “Stopping vehicle and ending brake control”.



Sedan



Shooting Brake



To warn the driver of an approaching vehicle from the rear left/right side of your vehicle, the warning light on the outside rearview mirror will blink and a warning will appear on the instrument cluster. At the same time, an audible warning will sound and the steering wheel will vibrate. If Rear View Monitor is operating, a warning will also appear on the infotainment system.

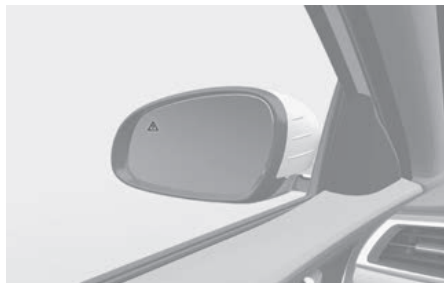
Rear Cross-Traffic Collision-Avoidance Assist will operate when all the following conditions are satisfied:

- The gear is shifted to R (Reverse)
- Vehicle speed is below 8 km/h
- The approaching vehicle is within about 25 m from the left and right side of your vehicle
- The speed of the vehicle approaching from the left and right is above 5 km/h

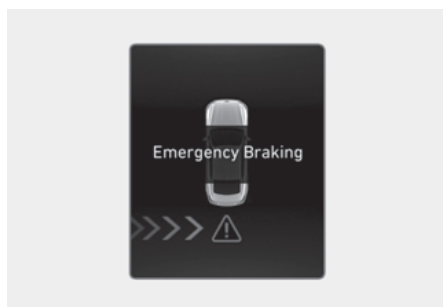
i Information

- If the operating conditions are satisfied, there will be a warning whenever the vehicle approaches from the left or right side even though your vehicle speed is 0 km/h.
- The images and colours in the instrument cluster may differ depending on the instrument cluster type or theme selected from the instrument cluster.

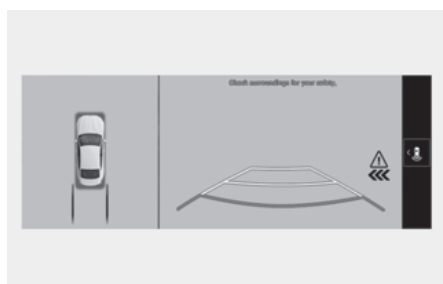
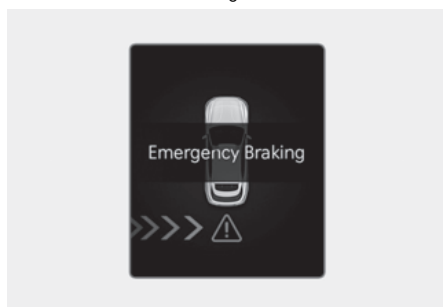
Emergency Braking



Sedan



Shooting Brake



To warn the driver of an approaching vehicle from the rear left/right side of your vehicle, the warning light on the outside rearview mirror will blink and a warning message will appear on the instrument cluster. At the same time, an audible warning will sound. A warning will also appear on the infotainment system.

Rear Cross-Traffic Collision-Avoidance Assist will operate when all the following conditions are satisfied:

- The gear is shifted to R (Reverse)
- Vehicle speed is below 8 km/h
- The approaching vehicle is within about 1.5 m from the left and right side of your vehicle
- The speed of the vehicle approaching from the left and right is above 5 km/h
- Emergency braking will be assisted to help prevent collision with approaching vehicles from the left and right.

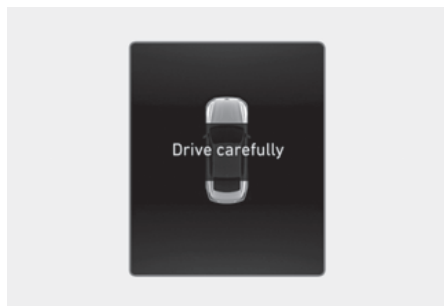
WARNING

Brake control will end when:

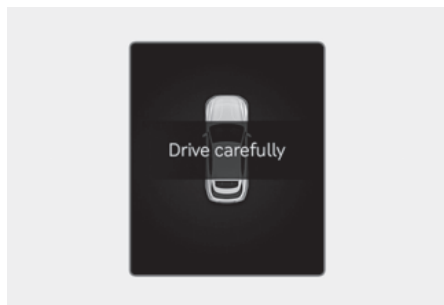
- The approaching vehicle is out of the detecting range
- The approaching vehicle passes behind your vehicle
- The approaching vehicle does not drive towards your vehicle
- The approaching vehicle speed slows down
- The driver presses the brake pedal with sufficient pressure

Stopping vehicle and ending brake control

Sedan



Shooting Brake



When the vehicle is stopped due to emergency braking, the **"Drive carefully"** warning message will appear on the instrument cluster.

For your safety, the driver should press the brake pedal immediately and check the surroundings.

- Brake control will end after the vehicle is stopped by emergency braking for about 2 seconds.
- During emergency braking, braking control by Rear Cross-Traffic Collision-Avoidance Assist will automatically cancel when the driver excessively presses the brake pedal.

WARNING

Take the following precautions when using Rear Cross-Traffic Collision-Avoidance Assist:

- For your safety, only change the Settings after parking the vehicle at a safe location.
- If any other system's warning message appears or audible warning is being generated, Rear Cross-Traffic Collision-Avoidance Assist warning message may not appear and an audible warning may not be generated.
- You may not hear the warning sound of Rear Cross-Traffic Collision-Avoidance Assist if the surroundings are noisy.
- Rear Cross-Traffic Collision-Avoidance Assist may not operate if the driver applies the brake pedal to avoid collision.
- During Rear Cross-Traffic Collision-Avoidance Assist operation, the vehicle may stop suddenly injuring passengers and shifting loose objects. Ensure ALL passengers are wearing a seat belt and keep loose objects secured.
- Even if there is a problem with Rear Cross-Traffic Collision-Avoidance Assist, the vehicle's basic braking performance will operate properly.
- When Rear Cross-Traffic Collision-Avoidance Assist is operating, braking control by the function will automatically cancel when the driver excessively presses the accelerator pedal.
- Rear Cross-Traffic Collision-Avoidance Assist does not operate in all situations or cannot avoid all collisions.
- Rear Cross-Traffic Collision-Avoidance Assist may warn the driver late or may not warn the driver depending on the road and driving conditions.

- It is the driver's responsibility to control the vehicle. Do not solely depend on Rear Cross-Traffic Collision-Avoidance Assist. Rather, maintain a safe braking distance, and if necessary, press the brake pedal to reduce driving speed or to stop the vehicle.
- Never test operate Rear Cross-Traffic Collision-Avoidance Assist on people, animal, objects, etc. It may cause serious injury or death.

CAUTION

The brake control may not operate properly depending on the status of ESC (Electronic Stability Control).

There will only be a warning when:

- The ESC (Electronic Stability Control) warning light is on
- ESC (Electronic Stability Control) is engaged in a different function

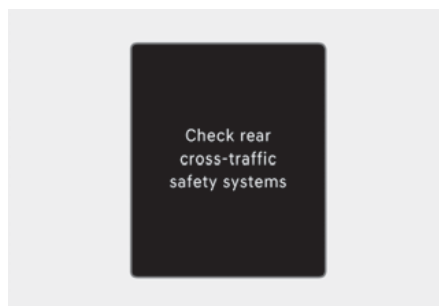
i Information

If braking is assisted by Rear Cross-Traffic Collision-Avoidance Assist, the driver must immediately press the brake pedal and check vehicle surroundings.

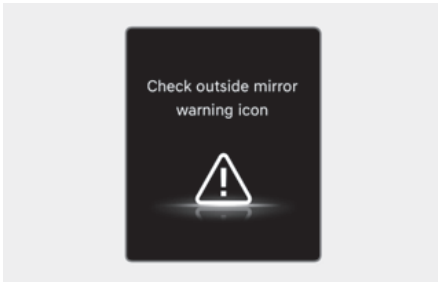
- Brake control will end when the driver presses the brake pedal with sufficient power.
- After shifting the gear to R (Reverse), braking control will operate once for left and right vehicle approach.

Rear Cross-Traffic Collision-Avoidance Assist malfunction and limitations

Rear Cross-Traffic Collision-Avoidance Assist malfunction

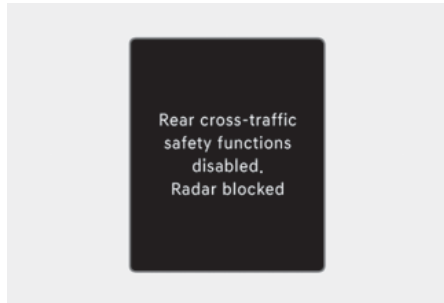


When Rear Cross-Traffic Collision-Avoidance Assist is not working properly, the **“Check rear cross-traffic safety systems”** warning message will appear on the instrument cluster for several seconds, and the master (⚠) warning light will illuminate on the instrument cluster. If this occurs, we recommend that the vehicle be inspected by an authorised Genesis repairer.



When the outside rearview mirror warning lights are not working properly, the “**Check outside mirror warning icon**” warning message will appear on the instrument cluster for several seconds, and the master (△) warning light will illuminate on the instrument cluster. If this occurs, we recommend that the vehicle be inspected by an authorised Genesis repairer.

Rear Cross-Traffic Collision-Avoidance Assist disabled



When the rear bumper around the rear-side radar or sensor is covered with foreign material, such as snow or rain, or installing a trailer or carrier, it can reduce the systems detecting performance and temporarily limit or disable Rear Cross-Traffic Collision-Avoidance Assist.

If this occurs, the “**Rear cross-traffic safety functions disabled. Radar blocked**” warning message will appear on the instrument cluster.

Rear Cross-Traffic Collision-Avoidance Assist will operate properly when such foreign material or trailer, etc., is removed.

If Rear Cross-Traffic Collision-Avoidance Assist does not operate properly after it is removed, we recommend that the vehicle be inspected by an authorised Genesis repairer.

WARNING

- Even though the warning message does not appear on the instrument cluster, Rear Cross-Traffic Collision-Avoidance Assist may not operate properly.
 - Rear Cross-Traffic Collision-Avoidance Assist may not operate properly in an area (for example, open terrain), where any substance are not detected after turning ON the vehicle.
-

⚠ CAUTION

Turn off Rear Cross-Traffic Collision-Avoidance Assist to install or remove a trailer, carrier, or another attachment. Turn on Rear Cross-Traffic Collision-Avoidance Assist when finished.

Limitations of Rear Cross-Traffic Collision-Avoidance Assist

Rear Cross-Traffic Collision-Avoidance Assist may not operate properly, or it may operate unexpectedly under the following circumstances:

- Departing from where trees or grass are overgrown
- Departing from where roads are wet
- Speed of the approaching vehicle is fast or slow

Braking control may not work, driver's attention is required in the following circumstances:

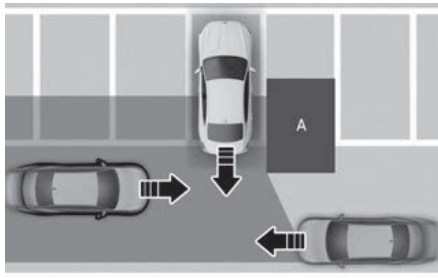
- The vehicle severely vibrates whilst driving over a bumpy road, uneven road or concrete patch
- Driving on a slippery surface due to snow, water puddle, ice, etc.
- The tyre pressure is low or a tyre is damaged
- The braking system has been modified

i Information

For more information on the limitations of the rear corner radar, refer to the "Blind-Spot Collision-Avoidance Assist (BCA)" section in this chapter.

⚠ WARNING

- **Driving near a vehicle or structure**

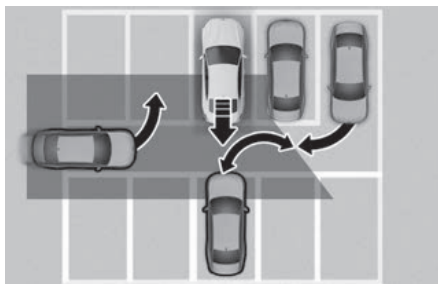


[A] Structure

Rear Cross-Traffic Collision-Avoidance Assist may be limited when driving near a vehicle or structure, and may not detect the vehicle approaching from the left or right. If this occurs, the function may not warn the driver or control the brakes when necessary.

Always check your surroundings whilst reversing.

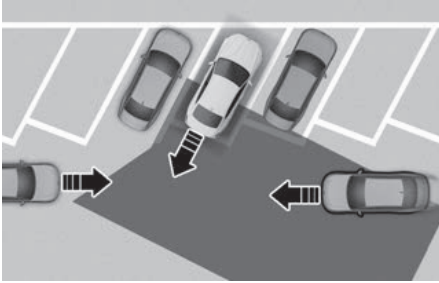
- **When the vehicle is in a complex parking environment**



Rear Cross-Traffic Collision-Avoidance Assist may detect vehicles which are parking or pulling out near your vehicle (example, a vehicle leaving beside your vehicle, a vehicle parking or pulling out in the rear area, a vehicle approaching your vehicle making a turn, etc.). If this occurs, the function may unnecessarily warn the driver and control the brake.

Always check your surroundings whilst reversing.

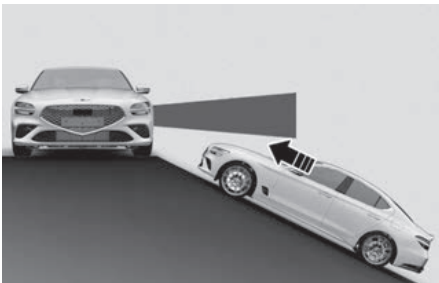
- **When the vehicle is parked diagonally**



Rear Cross-Traffic Collision-Avoidance Assist may be limited when reversing diagonally, and may not detect the vehicle approaching from the left or right. If this occurs, the function may not warn the driver or control the brakes when necessary.

Always check your surroundings whilst reversing.

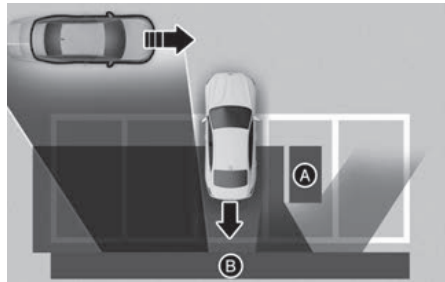
- **When the vehicle is on or near a slope**



Rear Cross-Traffic Collision-Avoidance Assist may be limited when the vehicle is on an uphill or downhill slope, or near it, and may not detect the vehicle approaching from the left or right. If this occurs, the function may not warn the driver or control the brakes when necessary.

Always check your surroundings whilst reversing.

- **Pulling into the parking space where there is a structure**

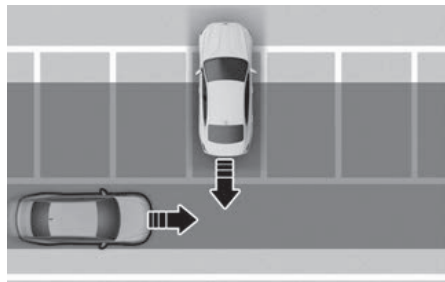


[A] Structure
[B] Wall

Rear Cross-Traffic Collision-Avoidance Assist may detect vehicles passing by in front of you when parking in reverse into a parking space with a wall or structure in the rear or side area. If this occurs, the function may unnecessarily warn the driver and control the brake.

Always check your surroundings whilst reversing.

- **When the vehicle is parked rearward**



Rear Cross-Traffic Collision-Avoidance Assist may detect vehicles passing by behind you when parking in reverse into a parking space. If this occurs, the function may unnecessarily warn the driver and control the brake.

Always check your surroundings whilst reversing.

WARNING

- When you are towing a trailer or another vehicle, turn off Rear Cross-Traffic Collision-Avoidance Assist for safety reasons.
- Rear Cross-Traffic Collision-Avoidance Assist may not operate properly if interfered by strong electromagnetic waves.
- Rear Cross-Traffic Collision-Avoidance Assist may not operate for 3 seconds after the vehicle is started, or the rear corner radars are initialised.

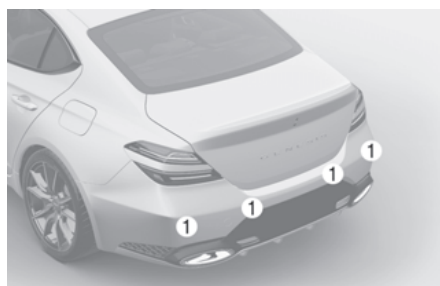
Reverse Parking Distance Warning (PDW)

 if equipped

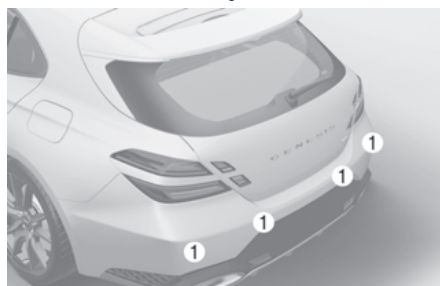
Reverse Parking Distance Warning uses the rear ultrasonic sensors to detect and warns you if a person, animal, or object is within a certain distance when your vehicle is stopped or driving at low speed.

Detecting sensor

Sedan



Shooting Brake

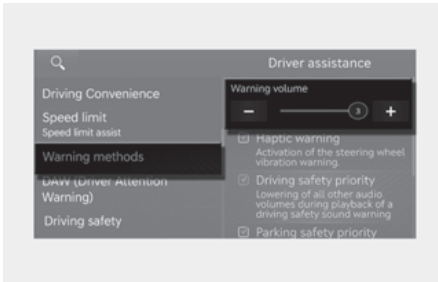


(1) Rear ultrasonic sensors

See the images above for the detailed location of the detecting sensors.

Reverse Parking Distance Warning settings

Warning methods



The Warning methods can be set with the engine on.

- **Warning volume:** Select **Settings > Vehicle > Driver assistance > Warning methods > Warning volume** from the settings menu in the infotainment system to change the warning volume.

If you turn off the **Warning volume**, for your safety, the function may warn you with a low volume.

i Information

- If you change the Warning methods, the Warning methods of other Driver assistance systems may change.
- If the engine is restarted, Warning methods will maintain the previous setting.
- The setting menu may not exist depending on the vehicle specification.

Reverse Parking Distance Warning operation

- Reverse Parking Distance Warning will activate when reversing with the Engine Start/Stop button in the ON position. However, if vehicle speed exceeds 5 km/h, Reverse Parking Distance Warning may not detect objects.
- If vehicle speed exceeds 10 km/h, Reverse Parking Distance Warning will not warn you even though objects are detected.
- When more than two objects are sensed at the same time, the closest one will be recognised first.

Reverse Parking Distance Warning

Reverse Parking Distance Warning will operate under the following conditions.

- The gear is shifted to R (Reverse).

i Information

Reverse Parking Distance Warning will operate when the vehicle's reverse speed is below 10 km/h.

Distance from object	Warning indicator when driving rearward	Warning sound
	Instrument cluster	
60-120 cm		Buzzer beeps intermittently
30-60 cm		Buzzer beeps frequently
within 30 cm		Beeps continuously

- The corresponding indicator will illuminate whenever each ultrasonic sensor detects a person, animal or object in its sensing range. Also an audible warning will sound.
- When more than two objects are detected at the same time, the closest one will be warned with an audible warning.
- The shape of the indicator in the image may differ from the actual vehicle.

Reverse Parking Distance Warning malfunction and limitations

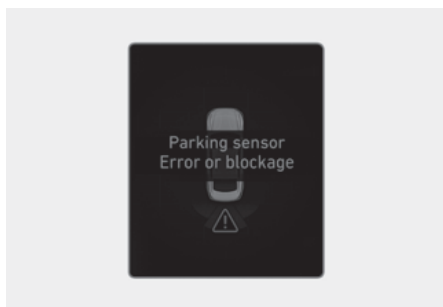
Reverse Parking Distance Warning malfunction

After starting the vehicle, a beep will sound when the gear is shifted to R (Reverse) to indicate Parking Distance Warning is operating properly.

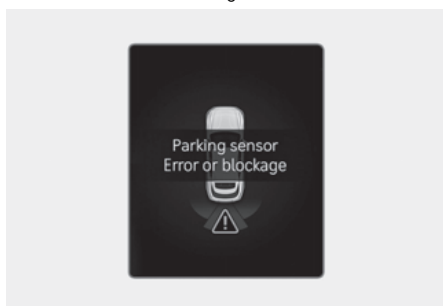
However, if one or more of the following occurs, first check whether the ultrasonic sensor is damaged or blocked with foreign material. If it still does not work properly, we recommend that the vehicle be inspected by an authorised Genesis repairer.

- The audible warning does not sound.
- The buzzer sounds intermittently.
- The **“Parking sensor Error or blockage”** warning message appears on the instrument cluster.

Sedan



Shooting Brake



Limitations of Reverse Parking Distance Warning

- Reverse Parking Distance Warning may not operate properly when:
 - Moisture is frozen to the sensor
 - Sensor is covered with foreign substance, such as snow or water (Reverse Parking Distance Warning will operate properly when such substance is removed.)
 - The weather is extremely hot or cold
 - The sensor or sensor assembly is disassembled
 - The surface of the sensor is pressed hard or hit with a hard object
 - The surface of the sensor is scratched with a sharp object
 - The sensors or its surrounding area is directly sprayed with high pressure washer
- Reverse Parking Distance Warning may malfunction when:
 - Heavy rain or water spray is present
 - Water flows on the surface of the sensor
 - Affected by another vehicle's sensors
 - The sensor is covered with snow or ice
 - Driving on uneven road, gravel roads or bushes
 - Objects that generate ultrasonic waves are near the sensor
 - Licence plate is installed in a different spot from the original location
 - The vehicle bumper height or ultrasonic sensor installation has been modified
 - Attaching equipment or accessories next to the ultrasonic sensors

- The following objects may not be detected:
 - Sharp or slim objects, such as ropes, chains or small poles.
 - Narrow objects, such as corners of a square pillar
 - Objects, which tend to absorb sensor frequency, such as clothes, spongy material or snow.
 - Objects smaller than 100 cm in length and narrower than 14 cm in diameter.
 - Pedestrians, animals or objects that are very close to the ultrasonic sensors
- Parking Distance Warning Indicators may appear differently from the actual detected location when the obstacle is located between the sensors.
- Parking Distance Warning indicator may not occur sequentially depending on vehicle speed or obstacle shape.
- If Reverse Parking Distance Warning needs repair, we recommend that the vehicle be inspected by an authorised Genesis repairer.

WARNING

- Parking Distance Warning is a supplemental function. The operation of Parking Distance Warning can be affected by several factors (including environmental conditions). It is the driver's responsibility to always check the front and rear views before and whilst parking.
- Your new vehicle warranty does not cover any accidents or damage to the vehicle due to the malfunction of Parking Distance Warning.
- Pay close attention when driving near objects, pedestrians, and especially children. Some objects may not be detected by the ultrasonic sensors, due to the objects distance, size or material, all of which can limit the effectiveness of the sensor.
- Parking Distance Warning does not warn you in the order of detection. It varies depending on the speed of the vehicle or the shape of a person, animal, or object.
- If the Parking Distance Warning does not operate properly, we recommend that your vehicle be inspected by an authorised Genesis repairer.

Forward/Reverse Parking Distance Warning (PDW)

 If equipped

Forward/Reverse Parking Distance Warning uses the front and rear ultrasonic sensors to detect and warns you if a person, animal, or object is within a certain distance when your vehicle is stopped or driving at low speed.

Detecting sensor



Sedan



Shooting Brake

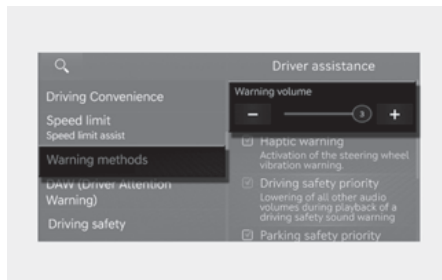


- (1) Front ultrasonic sensors
- (2) Rear ultrasonic sensors

See the images above for the detailed location of the detecting sensors.

Forward/Reverse Parking Distance Warning settings

Warning methods



The Warning methods can be set with the engine on.

- **Warning volume:** Select **Settings > Vehicle > Driver assistance > Warning methods > Warning volume** from the settings menu in the infotainment system to change the warning volume.

If you turn off the **Warning volume**, for your safety, the function may warn you with a low volume.

i Information

- If you change the Warning methods, the Warning methods of other Driver assistance systems may change.
- If the engine is restarted, Warning methods will maintain the previous setting.
- The setting menu may not exist depending on the vehicle specification.

Auto PDW (Parking Distance Warning)

To use **Auto PDW (Parking Distance Warning)** function, select **Settings > Vehicle > Driver assistance > Parking safety > Auto PDW (Parking Distance Warning)** from the settings menu in the infotainment system.

i Information

When **Auto PDW (Parking Distance Warning)** is selected, the Parking Safety button indicator (P_{sw}) stays on.

Forward/Reverse Parking Distance Warning operation

Parking safety button



- Press the Parking Safety (P_{sw}) button to turn on Forward/Reverse Parking Distance Warning. Press the button again to turn off the function.
- When the gear is shift to R (Reverse), Parking Distance Warning will automatically turn on (Parking Safety button indicator on).
- When Forward/Reverse Parking Distance Warning turns on, the button indicator light will turn on. If the vehicle speed is above 30 km/h, Forward/Reverse Parking Distance Warning will turn off (button indicator light off).

Forward Parking Distance Warning

Forward Parking Distance Warning will operate when one of the condition is satisfied.

- The gear is shifted from R (Reverse) to D (Drive) with Reverse Parking Distance Warning on
- The gear is in D (Drive) and the Parking Safety button indicator light is on
- Shift to D (Drive) when the function is off (Only when **Settings > Vehicle > Driver assistance > Parking safety > Auto PDW (Parking Distance Warning)** is selected from the settings menu in the infotainment system.)

i Information

- Forward Parking Distance Warning will operate only when the vehicle's forward speed is below 10 km/h.
- The front outer side warnings turn on when the gear is in R (Reverse).
- Forward Parking Distance Warning is deactivated if the vehicle speed reaches above 30 km/h. It will not reactivate even though the vehicle speed drops below 10 km/h.

(Only when **Settings > Vehicle > Driver assistance > Parking safety > Auto PDW (Parking Distance Warning)** is not selected from the settings menu in the infotainment system.)

Distance from object	Warning indicator when driving forward	Warning sound
	Instrument cluster Infotainment	
60-100 cm		Buzzer beeps intermittently (Only when detected in the front centre area)
30-60 cm		Beeps more frequently
within 30 cm		Beeps continuously

- The corresponding indicator will illuminate whenever each ultrasonic sensor detects a person, animal or object in its sensing range. Also an audible warning will sound.
- When more than two objects are detected at the same time, the closest one will be warned with an audible warning.
- The shape of the indicator in the image may differ from the actual vehicle.
- The front outer side warnings turn on when the gear is in R (Reverse).

Reverse Parking Distance Warning

Reverse Parking Distance Warning will operate under the following conditions.

- The gear is shifted to R (Reverse).
- When the vehicle's rearward speed is below 10 km/h, both the front and rear ultrasonic sensors will help detect objects. However, the front ultrasonic sensors can help detect a person, animal or object when it is within 60 cm from the sensors.

i Information

Reverse Parking Distance Warning will operate when the vehicle's reverse speed is below 10 km/h.

Distance from object	Warning indicator when driving rearward	Warning sound
	Instrument cluster	
60-120 cm		Buzzer beeps intermittently
30-60 cm		Buzzer beeps frequently
within 30 cm		Beeps continuously

- The corresponding indicator will illuminate whenever each ultrasonic sensor detects a person, animal or object in its sensing range. Also an audible warning will sound.

- When more than two objects are detected at the same time, the closest one will be warned with an audible warning.
- The shape of the indicator in the image may differ from the actual vehicle.

Forward/Reverse Parking Distance Warning malfunction and limitations

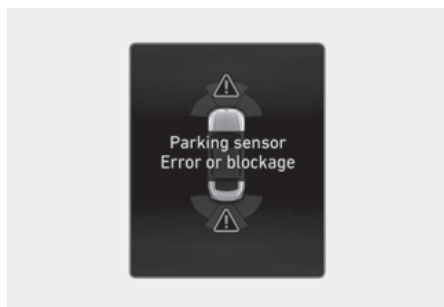
Forward/Reverse Parking Distance Warning malfunction

After starting the vehicle, a beep will sound when the gear is shifted to R (Reverse) to indicate Forward/Reverse Parking Distance Warning is operating properly.

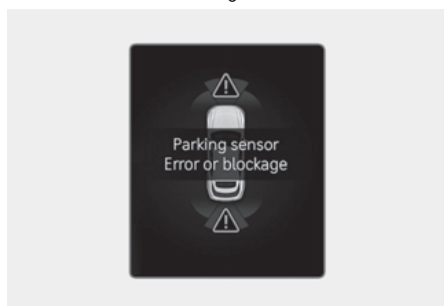
However, if one or more of the following occurs, first check whether the ultrasonic sensor is damaged or blocked with foreign material. If it still does not work properly, we recommend that the vehicle be inspected by an authorised Genesis repairer.

- The audible warning does not sound.
- The buzzer sounds intermittently.
- The **"Parking sensor Error or blockage"** warning message appears on the instrument cluster.

Sedan



Shooting Brake



Limitations of Forward/Reverse Parking Distance Warning

- Forward/Reverse Parking Distance Warning may not operate properly when:
 - Moisture is frozen to the sensor
 - Sensor is covered with foreign substance, such as snow or water (Forward/Reverse Parking Distance Warning will operate properly when such substance is removed.)
 - The weather is extremely hot or cold
 - The sensor or sensor assembly is disassembled
 - The surface of the sensor is pressed hard or hit with a hard object
 - The surface of the sensor is scratched with a sharp object
 - The sensors or its surrounding area is directly sprayed with high pressure washer
- Forward/Reverse Parking Distance Warning may malfunction when:
 - Heavy rain or water spray is present
 - Water flows on the surface of the sensor
 - Affected by another vehicle's sensors
 - The sensor is covered with snow or ice
 - Driving on uneven road, gravel roads or vegetation
 - Objects that generate ultrasonic waves are near the sensor
 - Licence plate is installed in a different spot from the original location
 - The vehicle bumper height or ultrasonic sensor installation has been modified
 - Attaching equipment or accessories next to the ultrasonic sensors

- The following objects may not be detected:
 - Sharp or slim objects, such as ropes, chains or small poles.
 - Narrow objects, such as corners of a square pillar
 - Objects, which tend to absorb sensor frequency, such as clothes, spongy material or snow.
 - Objects smaller than 100 cm in length and narrower than 14 cm in diameter.
 - Pedestrians, animals or objects that are very close to the ultrasonic sensors
- Parking Distance Warning Indicators may appear differently from the actual detected location when the obstacle is located between the sensors.
- Parking Distance Warning indicator may not occur sequentially depending on vehicle speed or obstacle shape.
- If Forward/Reverse Parking Distance Warning needs repair, we recommend that the vehicle be inspected by an authorised Genesis repairer.

WARNING

- Parking Distance Warning is a supplemental function. The operation of Parking Distance Warning can be affected by several factors (including environmental conditions). It is the driver's responsibility to always check the front and rear views before and whilst parking.
- Your new vehicle warranty does not cover any accidents or damage to the vehicle due to the malfunction of Parking Distance Warning.
- Pay close attention when driving near objects, pedestrians, and especially children. Some objects may not be detected by the ultrasonic sensors, due to the objects distance, size or material, all of which can limit the effectiveness of the sensor.
- Parking Distance Warning does not warn you in the order of detection. It varies depending on the speed of the vehicle or the shape of a person, animal, or object.
- If the Parking Distance Warning does not operate properly, we recommend that your vehicle be inspected by an authorised Genesis repairer.

Declaration of conformity

 if equipped

Front radar

The radio frequency components
complies:



Rear corner radar

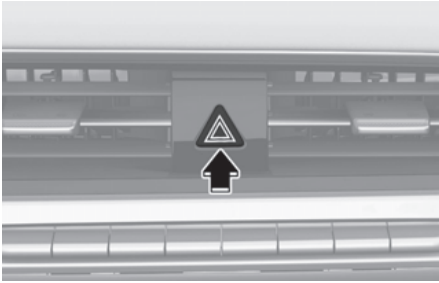
The radio frequency components
complies:



8. Emergency situations

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Hazard warning flasher



The hazard warning flasher serves as a warning to other drivers to exercise extreme caution when approaching, overtaking, or passing your vehicle.

It should be used whenever emergency repairs are being made or when the vehicle is stopped near the edge of a roadway.

To turn the hazard warning flasher on or off, press the hazard warning flasher button with the Engine Start/Stop button in any position. The hazard warning flasher button is located in the centre fascia panel. All turn signal lamps will flash simultaneously.

- The hazard warning flasher operates regardless of whether your vehicle is running or not.
- The turn signals do not work when the hazard flasher is on.

In case of an emergency whilst driving

If the engine stalls whilst driving

- Reduce your speed gradually, keeping a straight line. Move cautiously off the road to a safe place.
- Turn on your hazard warning flasher.
- Try to start the engine again. If your vehicle will not start, we recommend that you contact an authorised Genesis repairer or seek other qualified assistance.

If the engine stalls at a crossroads or crossing

If the engine stalls at a crossroads or crossing, if safe to do so, shift the gear to N (Neutral) and then push the vehicle to a safe location.

To stay N (Neutral) whilst the vehicle is off, refer to the “To stay in N (Neutral) when vehicle is OFF” section in chapter 6.

If you have a flat tyre whilst driving

If a tyre goes flat whilst you are driving:

- Take your foot off the accelerator pedal and let the vehicle slow down whilst driving straight ahead. Do not apply the brakes immediately or attempt to pull off the road as this may cause loss of vehicle control resulting in an accident. When the vehicle has slowed to such a speed that it is safe to do so, brake carefully and pull off the road. Drive off the road as far as possible and park on firm, level ground. If you are on a divided highway, do not park in the median area between the two traffic lanes.
- When the vehicle is stopped, press the hazard warning flasher button, shift the vehicle to P (Park), apply the parking brake, and press the Engine Start/Stop button to the OFF position.
- Have all passengers get out of the vehicle. Be sure they all get out on the side of the vehicle that is away from traffic.
- When changing a flat tyre, follow the instructions provided later in this chapter.

If the engine will not start

- Be sure to shift the gear to N (Neutral) or P (Park). The engine starts only when the gear is in N (Neutral) or P (Park).
- Turn on the interior lamp. If the lamp dims or goes out when you operate the starter, the battery is drained.

Refer to the instructions in the “Jump starting” section in this chapter.

- Check the fuel level and add fuel if necessary.

If the vehicle still does not start, we recommend that you call an authorised Genesis repairer for assistance.

NOTICE

Starting the vehicle by pushing or pulling may cause the catalytic converter to overload and damage the emission control system.

Jump starting

Jump starting can be dangerous if done incorrectly. Follow the jump starting procedure in this section to avoid serious injury or damage to your vehicle. If in doubt about how to properly jump start your vehicle, we strongly recommend that you have a service technician or towing service do it for you.

WARNING

To prevent **SERIOUS INJURY** or **DEATH** to you or bystanders, always follow these precautions when working near or handling the battery:



Always read and follow instructions carefully when handling a battery.



Wear eye protection designed to protect the eyes from acid splashes.



Keep all flames, sparks, or smoking materials away from the battery.



Hydrogen is always present in battery cells, is highly combustible, and may explode if ignited.



Keep batteries out of reach of children.



Batteries contain sulphuric acid which is highly corrosive. Do not allow acid to contact your eyes, skin or clothing.

If acid gets into your eyes, flush your eyes with clean water for at least 15 minutes and get immediate medical attention. If acid gets on your skin, thoroughly wash the area. If you feel pain or a burning sensation, get medical attention immediately.

- When lifting a plastic-cased battery, excessive pressure on the case may cause battery acid to leak. Lift with a battery carrier or with your hands on opposite corners.
 - Do not attempt to jump start your vehicle if your battery is frozen.
 - NEVER attempt to recharge the battery when the vehicle's battery cables are connected to the battery.
 - The electrical ignition system works with high voltage.
NEVER touch these components with the engine running or when the Engine Start/Stop button is in the ON position.
 - Do not allow the positive (+) and negative (-) jumper cables to touch. It may cause sparks.
-

Jump starting procedure

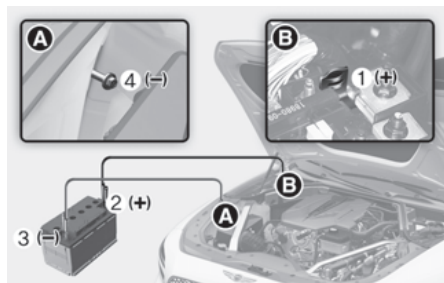
i Information

Your vehicle has a battery in the luggage compartment, but when you jump start your vehicle, use the jumper terminal in the engine compartment.

1. Position the vehicles close enough that the jumper cables will reach, but do not allow the vehicles to touch.
2. Avoid fans or any moving parts in the engine compartment at all times, even when the vehicles are turned off.
3. Turn off all electrical devices such as radios, lights, air conditioning, etc. Put the vehicles in P (Park), and apply the parking brake. Turn both vehicles OFF.
4. Open the engine bonnet.
5. Remove the engine compartment fuse box cover.

! CAUTION

Before jump starting, make sure to correctly identify the positive (+) and negative (-) terminals to avoid reverse polarity connections.



6. Connect the jumper cables in the exact sequence shown in the image. First connect one jumper cable to the red, positive (+) jumper terminal of your vehicle (1).
7. Connect the other end of the jumper cable to the red, positive (+) battery/jumper terminal of the assisting vehicle (2).
8. Connect the second jumper cable to the black, negative (-) battery/jumper terminal of the assisting vehicle (3).
9. Connect the other end of the second jumper cable to the black, negative (-) chassis ground of your vehicle (4).

Do not allow the jumper cables to contact anything except the correct battery or jumper terminals or the correct ground. Do not lean over the battery when making connections.

! WARNING

Do not connect the jumper cable to the negative (-) jumper terminal of the discharged battery. A spark could cause the battery to explode and lead to a personal injury or vehicle damage.

10. Start the engine of the assisting vehicle and let it run at about 2,000rpm for a few minutes. Then start your vehicle.
11. Keep your vehicle operating for at least 30 minutes at idle or driving to ensure your battery receives enough charge to be able to start on its own after the vehicle is shut off. A completely discharged battery may require as long as 60 minutes runtime to fully recharge it. If the vehicle has run for less, the vehicle may not restart.

If your vehicle will not start after a few attempts, it probably requires servicing. In this event please seek qualified assistance. If the cause of your battery discharging is not apparent, we recommend that you have your vehicle checked by an authorised Genesis repairer.

Disconnect the jumper cables in the exact reverse order you connected them:

1. Disconnect the jumper cable from the black, negative (-) chassis ground of your vehicle (4).
2. Disconnect the other end of the jumper cable from the black, negative (-) battery/chassis ground of the assisting vehicle (3).
3. Disconnect the second jumper cable from the red, positive (+) battery/jumper terminal of the assisting vehicle (2).
4. Disconnect the other end of the jumper cable from the red, positive (+) jumper terminal of your vehicle (1).

i Information



An inappropriately disposed battery can be harmful to the environment and human health. Always dispose of a used battery according to your local law(s) or regulations.

NOTICE

To prevent damage to your vehicle:

- Only use a 12 V power supply (battery or jumper system) to jump start your vehicle.
 - Do not attempt to jump start your vehicle by push-starting.
-

If the engine overheats

If your temperature gauge indicates overheating, you experience a loss of power, or hear loud pinging or knocking, the engine may be overheating. If this happens, you should:

1. Pull off the road and stop as soon as it is safe to do so.
2. Shift the vehicle to P (Park) and set the parking brake. If the air conditioning is ON, turn it OFF.
3. If engine coolant is running out under the vehicle or steam is coming out from the bonnet, stop the engine. Do not open the bonnet until the coolant has stopped running or the steaming has stopped. If there is no visible loss of engine coolant and no steam, leave the engine running and check to be sure the engine cooling fan is operating. If the fan is not running, turn the engine off.

WARNING



Whilst the engine is running, keep hands, clothing and tools away from the moving parts such as the cooling fan and drive belt to prevent serious injury.

4. Check for coolant leaking from the radiator, hoses or under the vehicle. (If the air conditioning had been in use, it is normal for cold water to be draining from it when you stop.)
5. If engine coolant is leaking out, we recommend that you stop the engine immediately and call the nearest

authorised Genesis repairer for assistance.

WARNING



Never remove the engine coolant cap or the drain plug whilst the engine and radiator are hot.

Hot coolant and steam may blow out under pressure, causing serious injury. Turn the engine off and wait until the engine cools down. Use extreme care when removing the coolant cap. Wrap a thick towel around it, and turn it anti-clockwise slowly to the first stop. Step back whilst the pressure is released from the cooling system. When you are sure all the pressure has been released, press down on the cap, using a thick towel, and continue turning anti-clockwise to remove it.

6. If you cannot find the cause of the overheating, wait until the engine temperature has returned to normal. Then, if coolant has been lost, carefully add coolant to the reservoir to bring the fluid level in the reservoir up to the halfway mark.
7. Proceed with caution, keeping alert for further signs of overheating. If overheating happens again, we recommend that you call an authorised Genesis repairer for assistance.

CAUTION

- Serious loss of coolant indicates a leak in the cooling system and we recommend the system be checked by an authorised Genesis repairer.
- When the engine overheats from low engine coolant, suddenly adding engine coolant may cause cracks in the engine. To prevent damage, add engine coolant slowly in small quantities.

It may require several refilling cycles to properly fill the engine cooling system. If necessary, we recommend that you contact an authorised Genesis repairer for assistance.

Tyre Pressure Monitoring System (TPMS)



- (1) Low Tyre Pressure Telltale/TPMS Malfunction Indicator
- (2) Low Tyre Pressure Position Telltale and Tyre Pressure Telltale (Shown on the instrument cluster display)

Check tyre pressure



- You can check the tyre pressure in the Utility view on the instrument cluster. Refer to the “View modes”, “View modes” section in chapter 4.
- Tyre pressure appears after a few minutes of driving after initial vehicle start up.
- If tyre pressure is not displayed when the vehicle is stopped, “**Drive to display**” message will appear. After driving, check the tyre pressure.
- The displayed tyre pressure values may differ from those measured with a tyre pressure gauge.
- You can change the tyre pressure unit from the Settings menu in the infotainment system.

Select: **Settings > General > Units > Tyre pressure unit > psi/kPa/bar**

i Information

The infotainment system may change after software updates. For more information, refer to the manual provided in the infotainment system and the quick reference guide.

Tyre pressure monitoring system

WARNING

Over-inflation or under-inflation can reduce tyre life, adversely affect vehicle handling, and lead to sudden tyre failure that may cause loss of vehicle control resulting in an accident.

Each tyre, including the spare (if provided), should be checked monthly when cold and inflated to the inflation pressure recommended by the vehicle manufacturer on the vehicle placard or tyre inflation pressure label. (If your vehicle has tyres of a different size than the size indicated on the vehicle placard or tyre inflation pressure label, you should determine the proper tyre inflation pressure for those tyres.)

As an added safety feature, your vehicle has been equipped with a tyre pressure monitoring system (TPMS) that illuminates a low tyre pressure telltale when one or more of your tyres is significantly under-inflated. Accordingly, when the low tyre pressure telltale illuminates, you should stop and check your tyres as soon as possible, and inflate them to the proper pressure. Driving on a significantly under-inflated tyre causes the tyre to overheat and can lead to tyre failure.

Under-inflation also reduces fuel efficiency and tyre tread life, and may affect the vehicle's handling and stopping ability.

Please note that the TPMS is not a substitute for proper tyre maintenance, and it is the driver's responsibility to maintain correct tyre pressure, even if under-inflation has not reached the level to trigger illumination of the TPMS low tyre pressure telltale.

Your vehicle has also been equipped with a TPMS malfunction indicator to indicate when the system is not operating properly. The TPMS malfunction indicator is combined with the low tyre pressure telltale. When the system detects a malfunction, the telltale will flash for about one minute and then remain continuously illuminated. This sequence will continue upon subsequent vehicle start-ups as long as the malfunction exists.

When the malfunction indicator is illuminated, the system may not be able to detect or signal low tyre pressure as intended. TPMS malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tyres or wheels on the vehicle that prevent the TPMS from functioning properly.

Always check the TPMS malfunction telltale after replacing one or more tyres or wheels on your vehicle to ensure that the replacement or alternate tyres and wheels allow the TPMS to continue to function properly.

NOTICE

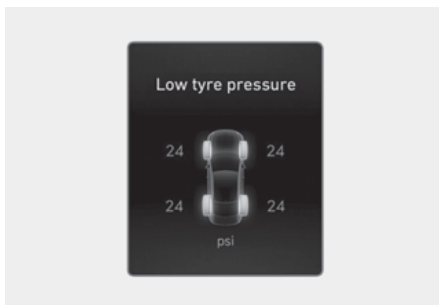
If any of the following occurs, we recommend that you have the system checked by an authorised Genesis repairer.

1. The Low Tyre Pressure Telltale/TPMS Malfunction Indicator does not illuminate for 3 seconds when the Engine Start/Stop button is pressed to the ON position or when the engine is running.
2. The TPMS Malfunction Indicator remains illuminated after blinking for about 1 minute.
3. The Low Tyre Pressure Position Telltale remains illuminated.

Low tyre pressure warning light



Low tyre pressure position and tyre pressure telltale



When the tyre pressure monitoring system warning indicators illuminate and the warning message displayed on the instrument cluster display, one or more of your tyres is significantly under-inflated. The Low Tyre Pressure Position Telltale will indicate which tyre is significantly underinflated by illuminating the corresponding tyre position.

If either telltale illuminates, immediately reduce your speed, avoid hard cornering and anticipate increased stopping distances. You should stop and check your tyres as soon as possible. Inflate the tyres to the proper pressure as indicated on the vehicle's placard or tyre inflation pressure label located on the driver's side centre pillar outer panel.

If you cannot reach a service station or if the tyre cannot hold the newly added air, replace the low pressure tyre with the spare tyre.

The Low Tyre Pressure Telltale will remain on and the TPMS Malfunction Indicator may blink for one minute and then remain illuminated (when the vehicle is driven about 10 minutes at speed above 25 km/h) until you have the low pressure tyre repaired and replaced on the vehicle.

CAUTION

In winter or cold weather, the Low Tyre Pressure Telltale may be illuminated if the tyre pressure was adjusted to the recommended tyre inflation pressure in warm weather. It does not mean your TPMS is malfunctioning because the decreased temperature may lead to a proportional lowering of tyre pressure.

When you drive your vehicle from a warm area to a cold area or from a cold area to a warm area, or the outside temperature is much higher or lower, you should check the tyre inflation pressure and adjust the tyres to the recommended tyre inflation pressure.

WARNING

Low pressure damage

Significantly low tyre pressure makes the vehicle unstable and can contribute to loss of vehicle control and increased braking distances.

Continued driving on low pressure tyres can cause the tyres to overheat and fail.

TPMS (Tyre Pressure Monitoring System) malfunction indicator



The TPMS Malfunction Indicator will illuminate after it blinks for about one minute when there is a problem with the Tyre Pressure Monitoring System.

We recommend that the system be checked by an authorised Genesis repairer as soon as possible.

NOTICE

If there is a malfunction with the TPMS, the Low Tyre Pressure Position Telltale will not appear even though the vehicle has an under-inflated tyre.

NOTICE

The TPMS Malfunction Indicator may illuminate after blinking for one minute if the vehicle is near electric power supply cables or radio transmitters such as police stations, government and public offices, broadcasting stations, military installations, airports, transmitting towers, etc.

Additionally, the TPMS Malfunction Indicator may illuminate if snow chains are used and also electronic devices such as computers, chargers, remote starters, navigation, etc. This may interfere with normal operation of the TPMS.

Changing a tyre with TPMS

If you have a flat tyre, the Low Tyre Pressure and Position telltales will come on. We recommend that the flat tyre be repaired by an authorised Genesis repairer as soon as possible or replace the flat tyre with the spare tyre.

NOTICE

It is recommended that you do not use a puncture-repairing agent that has not been approved by an authorised Genesis repairer or the equivalent specified for your vehicle to repair and/or inflate a low pressure tyre. Tyre sealant not approved by an authorised Genesis repairer or the equivalent specified for your vehicle may damage the tyre pressure sensor.

The spare tyre (if equipped) does not come with a tyre pressure monitoring sensor. When the low pressure tyre or the flat tyre is replaced with the spare tyre, the Low Tyre Pressure Telltale will remain on. Also, the TPMS Malfunction Indicator will illuminate after blinking for one minute if the vehicle is driven at speed above 25 km/h for about 10 minutes.

Once the original tyre equipped with a tyre pressure monitoring sensor is reinflated to the recommended pressure and reinstalled on the vehicle, the Low Tyre Pressure Telltale and TPMS Malfunction Indicator will go off within a few minutes of driving.

If the indicators do not extinguish after a few minutes, please visit an authorised Genesis repairer.

Each wheel is equipped with a tyre pressure sensor mounted inside the tyre behind the valve stem (except for the spare tyre). You must use TPMS specific wheels. It is recommended that you always have your tyres serviced by an authorised Genesis repairer.

You may not be able to identify a tyre with low pressure by simply looking at it.

Always use a good quality tyre pressure gauge to measure. Please note that a tyre that is hot (from being driven) will have a higher pressure measurement than a tyre that is cold.

A cold tyre means the vehicle has been sitting for 3 hours and driven for less than 1.6 km in that 3 hour period.

Allow the tyre to cool before measuring the inflation pressure. Always be sure the tyre is cold before inflating to the recommended pressure.

WARNING

- The TPMS cannot alert you to severe and sudden tyre damage caused by external factors such as nails or road debris.
- If you feel any vehicle instability, immediately take your foot off the accelerator, apply the brakes gradually with light force, and slowly move to a safe position off the road.

WARNING

Tampering with, modifying, or disabling the Tyre Pressure Monitoring System (TPMS) components may interfere with the system's ability to warn the driver of low tyre pressure conditions and/or TPMS malfunctions. Tampering with, modifying, or disabling the Tyre Pressure Monitoring System (TPMS) components may void the warranty for that portion of the vehicle.

If you have a flat tyre (with spare tyre)

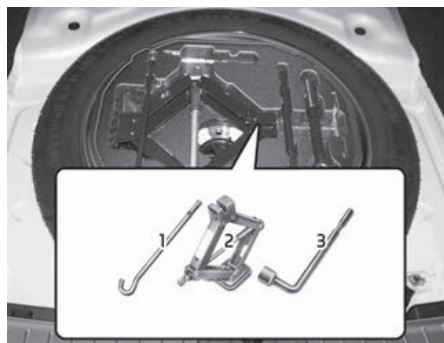
WARNING

Changing a tyre can be dangerous. Follow the instructions in this section when changing a tyre to reduce the risk of serious injury or death.

CAUTION

Be careful as you use the jack handle to stay clear of the flat end. The flat end has sharp edges that could cause cuts.

Jack and tools



- (1) Jack handle
- (2) Jack
- (3) Wheel nut wrench

The jack, jack handle, and wheel nut wrench are stored in the luggage compartment under the luggage box cover.

The jack is provided for emergency tyre changing only.



Turn the winged hold down bolt anti-clockwise to remove the spare tyre.

Store the spare tyre in the same compartment by turning the winged hold down bolt clockwise.

To prevent the spare tyre and tools from “rattling”, store them in their proper location.



If it is hard to loosen the tyre hold-down wing bolt by hand, you can loosen it easily using the jack handle.

1. Put the jack handle (1) inside of the tyre hold-down wing bolt.
2. Turn the tyre hold-down wing bolt anti-clockwise with the jack handle.

 WARNING



Do not touch luggage compartment metal surface whilst the engine is operating or hot.

Doing so could result in serious personal injury.

Turn the engine off and wait until it cools down or wear gloves to remove the spare tyre from the luggage compartment.

Changing tyres

 WARNING

Because the vehicle may slip or roll off of a jack causing serious injury or death, take the following safety precautions:

- NEVER place any portion of your body under a vehicle that is supported by a jack.
 - NEVER attempt to change a tyre in the lane of traffic. ALWAYS move the vehicle completely off the road on level, firm ground away from traffic before trying to change a tyre. If you cannot find a level, firm place off the road, call a towing service for assistance.
 - Be sure to use the jack provided with the vehicle.
 - ALWAYS place the jack on the designated jacking positions on the vehicle and NEVER use the bumpers or any other part of the vehicle for jacking support.
 - Do not start or run the engine whilst the vehicle is on the jack.
 - Do not allow anyone to remain in the vehicle whilst it is on the jack.
 - Keep children away from the road and the vehicle.
-

Follow these steps to change your vehicle's tyre:

1. Park on a level, firm surface.
2. Shift the vehicle to P (Park), apply the parking brake, and press the Engine Start/Stop button to the OFF position.
3. Press the hazard warning flasher button.
4. Remove the wheel nut wrench, jack, jack handle, and spare tyre from the vehicle.
5. Block both the front and rear of the tyre diagonally opposite of the tyre you are changing.

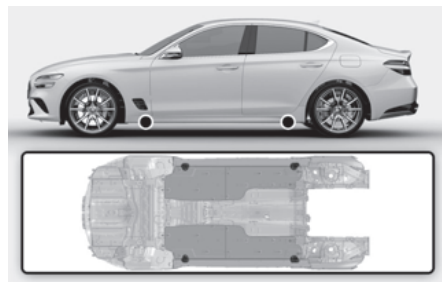


[A] Block

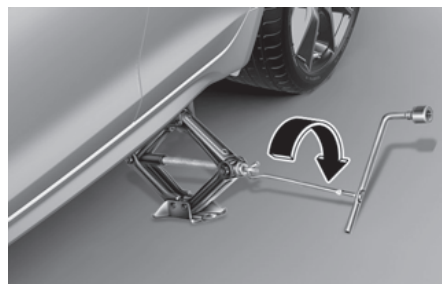
6. Loosen the wheel nuts anti-clockwise one turn each in the order shown below, but do not remove any wheel nuts until the tyre has been raised off of the ground.



7. Place the jack at the designated jacking position under the frame closest to the tyre you are changing. The jacking positions are plates welded to the frame with two notches. Never jack at any other position or part of the vehicle. Doing so may damage the side seal molding or other parts of the vehicle.



8. Insert the jack handle into the jack and turn it clockwise, raising the vehicle until the tyre clears the ground. Make sure the vehicle is stable on the jack.



9. Loosen the wheel nuts with the wheel nut wrench and remove them with your fingers. Remove the wheel from the studs and lay it flat on the ground out of the way. Remove any dirt or debris from the studs, mounting surfaces, and wheel.
10. Install the spare tyre onto the studs of the hub.
11. Tighten the wheel nuts with your fingers onto the studs with the smaller end of the wheel nuts closest to the wheel.

12. Lower the vehicle to the ground by turning the jack handle anti-clockwise.
13. Use the wheel nut wrench to tighten the wheel nuts in the order shown. Double-check each wheel nut until they are tight. After changing tyres, we recommend that an authorised Genesis repairer tighten the wheel nuts to their proper torque as soon as possible. The wheel nut should be tightened to 11~13 kgf·m (79~94 lbf·ft).



If you have a tyre gauge, check the tyre pressure (refer to the “Tyres and wheels” section in chapter 2 for tyre pressure instructions.). If the pressure is lower or higher than recommended, drive slowly to the nearest service station and adjust it to the recommended pressure. Always reinstall the valve cap after checking or adjusting tyre pressure. If the cap is not replaced, air may leak from the tyre. If you lose a valve cap, buy another and install it as soon as possible. After changing tyres, secure the flat tyre and return the jack and tools to their proper storage locations.

NOTICE

Check the tyre pressure as soon as possible after installing a spare tyre. Adjust it to the recommended pressure.

⚠ CAUTION

Your vehicle has metric threads on the studs and wheel nuts. Make certain during tyre changing that the same wheel nuts that were removed are reinstalled. If you have to replace your wheel nuts make sure they have metric threads to avoid damaging the studs and ensure the wheel is properly secured to the hub. We recommend that you consult an authorised Genesis repairer for assistance.

If any of the equipment such as the jack, wheel nuts, studs, or other equipment is damaged or in poor condition, do not attempt to change the tyre and call for assistance.

Use of compact spare tyres

 if equipped

Compact spare tyres are designed for emergency use only. Drive carefully on the compact spare tyre and always follow the safety precautions.

WARNING

To prevent compact spare tyre failure and loss of control possibly resulting in an accident:

- Use the compact spare tyre only in an emergency.
- NEVER operate your vehicle over 80 km/h.
- Do not exceed the vehicle's maximum load rating or the load carrying capacity shown on the sidewall of the compact spare tyre.
- Do not use the compact spare tyre continuously. Repair or replace the original tyre as soon as possible to avoid failure of the compact spare tyre.

When driving with the compact spare tyre mounted to your vehicle:

- Check the tyre pressure after installing the compact spare tyre. The compact spare tyre should be inflated to 420 kPa (60 psi).
- Do not take this vehicle through an automatic car wash whilst the compact spare tyre is installed.
- Do not use the compact spare tyre on any other vehicle because this tyre has been designed especially for your vehicle.
- The compact spare tyre's tread life is shorter than a regular tyre. Inspect your compact spare tyre regularly and replace worn compact spare tyres with the same size and design, mounted on the same wheel.
- Do not use more than one compact spare tyre at a time.
- Do not tow a trailer whilst the compact spare tyre is installed.

i Information

When the original tyre and wheel are repaired and reinstalled on the vehicle, the wheel nuts torque must be set correctly. The correct wheel nuts tightening torque is 11~13 kgf·m (79~94 lbf·ft).

NOTICE

To prevent damaging the compact spare tyre and your vehicle:

- Drive slowly enough for the road conditions to avoid all hazards, such as a potholes or debris.
 - Avoid driving over obstacles. The compact spare tyre diameter is smaller than the diameter of a conventional tyre and reduces the ground clearance about 25 mm.
 - Do not use tyre chains on the compact spare tyre. Because of the smaller size, a tyre chain will not fit properly.
 - Do not use the compact spare tyre on any other wheels, nor should standard tyres, snow tyres, wheel covers or trim rings be used with the compact spare wheel.
 - Do not suddenly accelerate or decelerate (0-40 km/h) in any driving mode. It may cause leakage of transfer oil.
-

Jack label

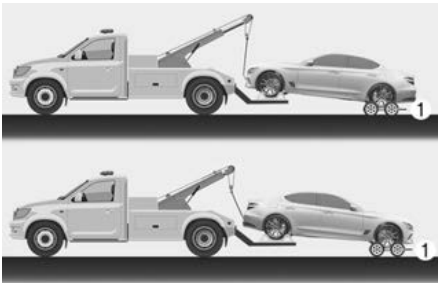


The actual Jack label in the vehicle may differ from the image.

For more detailed specifications, refer to the label attached to the jack.

Towing

Towing service



(1) Dollies

If emergency towing is necessary, we recommend having it done by an authorised Genesis reparer or a commercial tow-truck service.

Proper lifting and towing procedures are necessary to prevent damage to the vehicle. The use of wheel dollies or flatbed is recommended.

For 2WD vehicles, it is acceptable to tow the vehicle with the front wheels on the ground (without dollies) and the rear wheels off the ground.

If any of the loaded wheels or suspension components are damaged or the vehicle is being towed with the rear wheels on the ground, use a towing dolly under the rear wheels.

When being towed by a commercial tow truck and wheel dollies are not used, the rear of the vehicle should always be lifted, not the front.

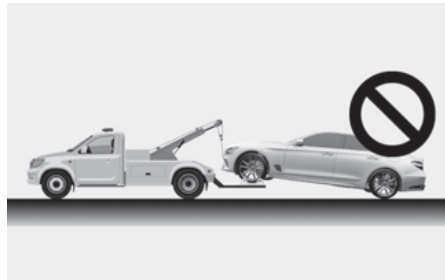
For AWD vehicles, it must be towed with a wheel lift and dollies or flatbed equipment with all the wheels off the ground.

NOTICE

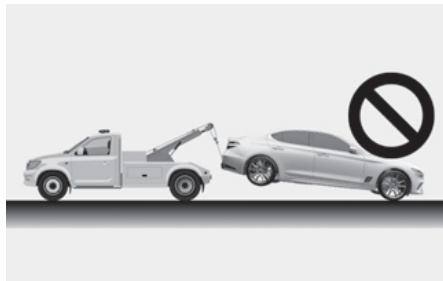
Do not lift the vehicle by the tow fitting or body and chassis parts. Otherwise the vehicle may be damaged.

⚠ CAUTION

- Do not tow the vehicle with the rear wheels on the ground as this may cause damage to the vehicle.



- Do not tow with sling-type equipment. Use wheel lift or flatbed equipment.



WARNING

If your vehicle is equipped with a rollover sensor, press the Engine Start/Stop button to the OFF or ACC position when the vehicle is being towed. The side impact and curtain airbag may deploy if the sensor detects the situation as a rollover.

When towing your vehicle in an emergency without wheel dollies:

1. Whilst pressing the brake pedal shift to the N (Neutral) position and turn the vehicle off. The Engine Start/Stop button will be in the ACC position.
2. Release the parking brake.

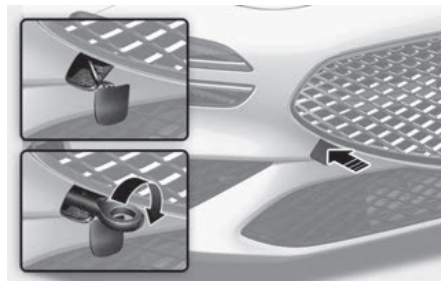
NOTICE

Failure to place the shift lever in N (Neutral) may cause internal damage to the transmission.

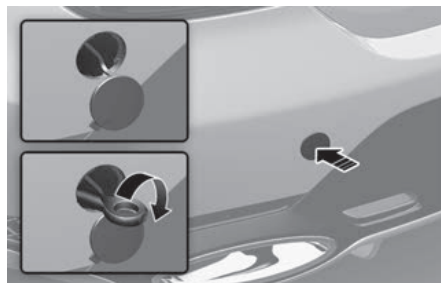
Removable towing hook

1. Open the boot (or tailgate), and remove the towing hook from the tool case.

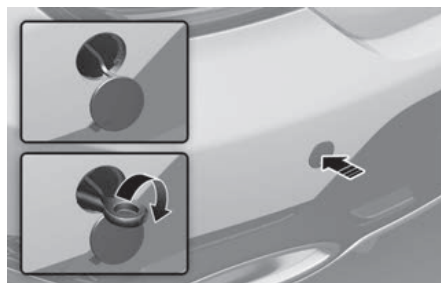
Front



Rear (Sedan)



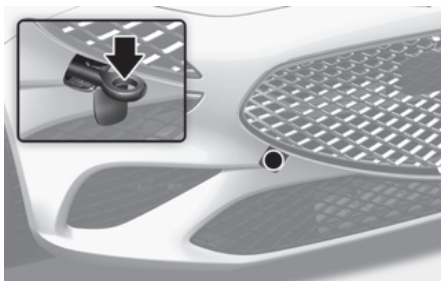
Rear (Shooting Brake)



2. Remove the hole cover by pressing the lower part of the cover on the bumper.
3. Install the towing hook by turning it clockwise into the hole until it is fully secured.
4. Remove the towing hook and install the cover after use.

Emergency towing

Front



Rear (Sedan)



Rear (Shooting Brake)



If towing is necessary, we recommend you have it done by an authorised Genesis repairer or a commercial tow truck service.

If a towing service is not available in an emergency, your vehicle may be temporarily towed using a cable or chain secured to the emergency towing hook at the front (or rear) of the vehicle.

Use extreme caution when towing the vehicle with a cable or chain. A driver must be in the vehicle to steer it and operate the brakes.

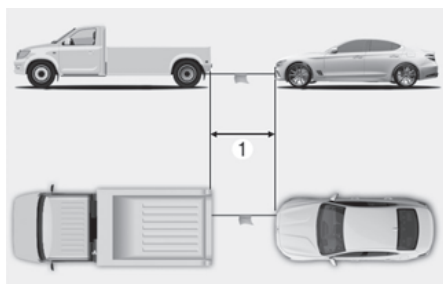
Towing in this manner may be done only on hard-surfaced roads for a short distance and at low speeds. Also, the wheels, axles, power train, steering and brakes must all be in good condition.

CAUTION

The driver must be in the vehicle for steering and braking operations when the vehicle is being towed. Passengers other than the driver must not be in the vehicle.

Always follow these emergency towing precautions:

- Press the Engine Start/Stop button to the ACC position so the steering wheel is not locked.
- Shift the gear to N (Neutral).
- Release the parking brake.
- Press the brake pedal with more force than normal as you will have reduced braking performance.
- More steering effort will be required because the power steering system will be disabled.
- Use a vehicle heavier than your own to tow your vehicle.
- The drivers of both vehicles should communicate with each other frequently.
- Before emergency towing, check that the hook is not broken or damaged.
- Fasten the towing cable or chain securely to the hook.
- Do not jerk the hook. Apply steady and even force.



- Use a towing cable or chain less than 5 m long. Attach a white or red cloth (about 30cm in width) in the middle of the cable or chain for easy visibility.
- Drive carefully so the towing cable or chain remains tight during towing.
- Before towing, check the automatic transmission for fluid leaks under your vehicle. If the automatic transmission fluid is leaking, flatbed equipment or a towing dolly must be used.

NOTICE

Accelerate or decelerate the vehicle in a slow and gradual manner whilst maintaining tension on the tow rope or chain to start or drive the vehicle, otherwise tow hooks and the vehicle may be damaged.

NOTICE

To avoid damage to your vehicle and vehicle components when towing:

- Always pull straight ahead when using the towing hooks. Do not pull from the side or at a vertical angle.
- Do not use the towing hooks to pull a vehicle out of mud, sand or other conditions from which the vehicle cannot be driven out under its own power.
- Limit the vehicle speed to 15 km/h and drive less than 1.5 km when towing to avoid serious damage to the automatic transmission.

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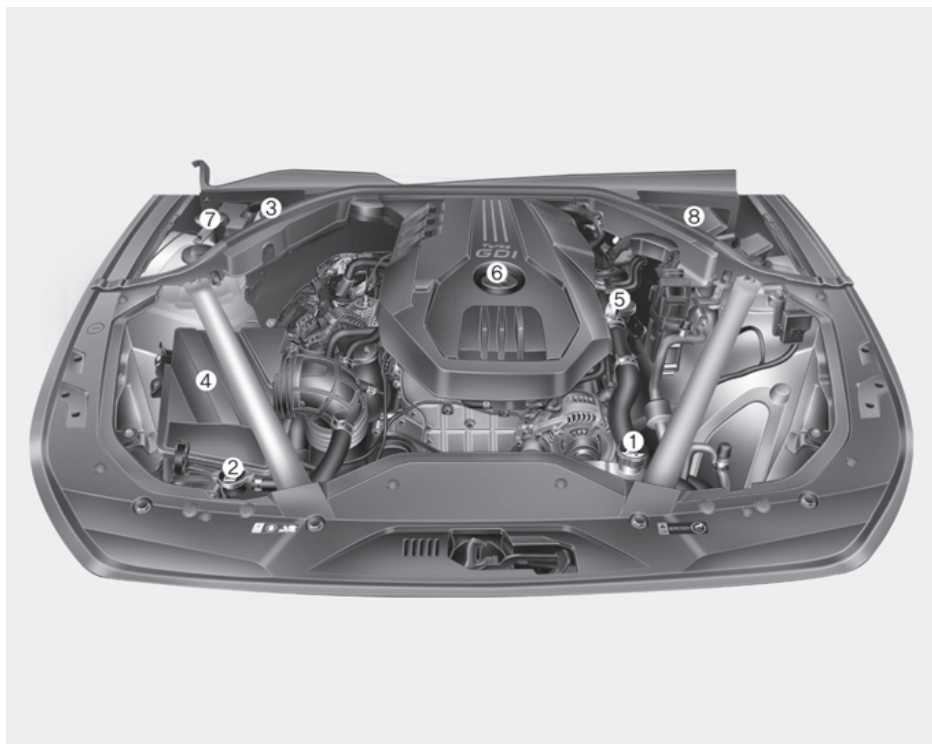
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Engine compartment

2.0L T-GDI

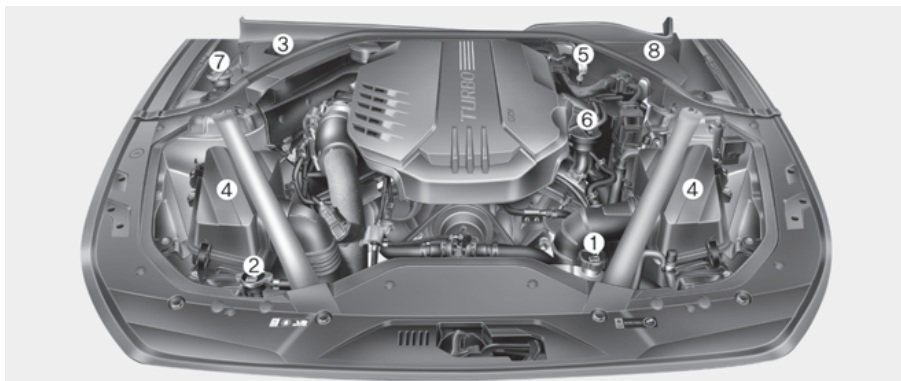


The actual engine compartment in the vehicle may differ from the image.

- (1) Engine coolant reservoir
- (2) Radiator cap
- (3) Brake fluid reservoir
- (4) Air cleaner
- (5) Engine oil dipstick
- (6) Engine oil filler cap
- (7) Windscreen washer fluid reservoir
- (8) Fuse box

*Battery is in the boot (or tailgate)

3.3L T-GDI



The actual engine compartment in the vehicle may differ from the image.

- (1) Engine coolant reservoir
- (2) Radiator cap
- (3) Brake fluid reservoir
- (4) Air cleaner
- (5) Engine oil dipstick
- (6) Engine oil filler cap
- (7) Windscreen washer fluid reservoir
- (8) Fuse box

*Battery is in the boot (or tailgate)

Maintenance services

You should exercise the utmost care to prevent damage to your vehicle and injury to yourself whenever performing any maintenance or inspection procedures.

We recommend you have your vehicle maintained and repaired by an authorised Genesis repairer. An authorised Genesis repairer meets Genesis's high service quality standards and receives technical support from Genesis in order to provide you with a high level of service satisfaction.

Owner's responsibility

Maintenance service and record retention are the owner's responsibility.

You should retain documents that show proper maintenance has been performed on your vehicle in accordance with the scheduled maintenance service charts shown on the following pages. You need this information to establish your compliance with the servicing and maintenance requirements of your vehicle warranties.

Detailed warranty information is provided in your Service Passport.

Repairs and adjustments required as a result of improper maintenance or a lack of required maintenance are not covered.

Owner maintenance precautions

Inadequate, incomplete or insufficient servicing may result in operational problems with your vehicle that could lead to vehicle damage, an accident, or personal injury. This chapter provides instructions only for the maintenance items that are easy to perform.

Your vehicle should not be modified in any way. Such modifications may adversely affect the performance, safety or durability of your vehicle and may, in addition, violate conditions of the limited warranties covering the vehicle.

NOTICE

Improper owner maintenance during the warranty period may affect warranty coverage. For details, read the separate Service Passport provided with the vehicle. If you're unsure about any service or maintenance procedure, have it done by an authorised Genesis repairer.

Owner maintenance

WARNING

Performing maintenance work on a vehicle can be dangerous. If you lack sufficient knowledge and experience or the proper tools and equipment to do the work, have it done by authorised Genesis repairer. ALWAYS follow these precautions for performing maintenance work:

- Park your vehicle on level ground. Shift the vehicle to P (Park), apply the parking brake, and press the Engine Start/Stop button to the OFF position.
- Block the tyres (front and back) to prevent the vehicle from moving.
Remove loose clothing or jewellery that can become entangled in moving parts.
- If you must run the engine during maintenance, do so in an outdoor area or in an area with plenty of ventilation.
- Keep flames, sparks, or smoking materials away from the battery and fuel-related parts.

WARNING

Touching metal parts



Do not touch metal parts (including strut bars) whilst the engine is operating or hot. Doing so could result in serious personal injury. Turn the engine off and wait until the metal parts cool down to perform maintenance work on the vehicle.

The following lists are vehicle checks and inspections that should be performed by the owner or authorised Genesis repairer at the frequencies indicated to help ensure safe, dependable operation of your vehicle.

Any adverse conditions should be brought to the attention of your dealer as soon as possible.

These Owner Maintenance vehicle checks are generally not covered by warranties and you may be charged for labour, parts and lubricants used.

Owner maintenance schedule

When you stop for fuel:

- Check the coolant level in the engine coolant reservoir.
- Check the windscreen washer fluid level.
- Check for low or under-inflated tyres.

WARNING

Be careful when checking your coolant level when the engine is hot. This may result in coolant being blown out of the opening and cause serious burns and other injuries.

Whilst operating your vehicle:

- Note any changes in the sound of the exhaust or any smell of exhaust fumes in the vehicle.
- Check for vibrations in the steering wheel. Notice if there is any increased steering effort or looseness in the steering wheel, or change in its straight-ahead position.
- Notice if your vehicle constantly turns slightly or “pulls” to one side when travelling on smooth, level road.
- When stopping, listen and check for unusual sounds, pulling to one side, increased brake pedal travel or “hard-to-push” brake pedal.
- If any slipping or changes in the operation of your transmission occurs, check the transmission fluid level.
- Check the automatic transmission P (Park) function.
- Check the parking brake.
- Check for fluid leaks under your vehicle (water dripping from the air conditioning system during or after use is normal).

At least monthly:

- Check coolant level in the engine coolant reservoir.
- Check the operation of all exterior lights, including the stoplights, turn signals and hazard warning flashers.
- Check the inflation pressures of all tyres including the spare for tyres that are worn, show uneven wear, or are damaged.
- Check for loose wheel nuts.

At least twice a year: (for example, every Spring and Autumn)

- Check radiator, heater and air conditioning hoses for leaks or damage.
- Check windscreen washer spray and wiper operation. Clean wiper blades with a clean cloth dampened with washer fluid.
- Check headlamp alignment.
- Check muffler, exhaust pipes, shields and clamps.
- Check the seat belts for wear and function.

At least once a year:

- Clean body and door drain holes.
- Lubricate door hinges and bonnet hinges.
- Lubricate door and bonnet locks and latches.
- Lubricate door rubber weather strips.
- Check the air conditioning system.
- Inspect and lubricate automatic transmission linkage and controls.
- Clean the battery and terminals.
- Check the brake fluid level.

Scheduled maintenance services

Follow Normal Maintenance Schedule if the vehicle is usually operated where none of the following conditions apply. If any of the following conditions apply, you must follow the Maintenance Under Severe Usage Conditions.

- Repeatedly driving short distances of less than 8 km in normal temperatures or less than 16 km in freezing temperatures
- Extensive engine idling or low speed driving for long distances
- Driving on rough, dusty, muddy, unpaved, graveled or salt-spread roads
- Driving in areas using salt or other corrosive materials or in very cold weather
- Driving in heavy dust conditions
- Driving in heavy traffic areas
- Driving on uphill, downhill, or mountain road repeatedly
- Using for towing or camping, and driving with loads on the roof
- Driving as a patrol car, taxi, commercial vehicle or vehicle towing
- Frequently driving under high speed or rapid acceleration /deceleration
- Frequently driving in stop-and-go conditions
- Engine oil usage which is not recommended (Mineral type, Semi-synthetic, Lower grade spec, etc.)

If your vehicle is operated under the above conditions, you should inspect, replace or refill more frequently than the following Normal Maintenance Schedule. After the periods or distance shown in the chart, continue to follow the prescribed maintenance intervals.

i Information

- As it is normal for engine oil to be consumed during driving, the engine oil level should be checked on regular basis.
- The engine oil change interval for normal operating conditions is based on the use of the recommended engine specification. If the recommended engine oil specification is not used, then replace the engine oil according to the maintenance schedule under severe operating conditions.

Normal maintenance schedule

I : Inspect and if necessary, adjust, correct, clean or replace.

R : Replace or change.

MAINTENANCE INTERVALS	Number of months or driving distance, whichever comes first								
	Months	12	24	36	48	60	72	84	96
	Km × 1,000	10	20	30	40	50	60	70	80
MAINTENANCE ITEM									
Engine oil and engine oil filter *1*2*3		R	R	R	R	R	R	R	R
Drive belts*4		Inspect every 30,000 km or 24 months							
Intercooler, in/out hose&pipe		At first, Inspect at 8,000 km or 6 months At that, Inspect every 32,000 km or 24 months							
Fuel additives*5		Add every 10,000 km							
Air cleaner filter		I	I	I	R	I	I	I	R

*1 Check the engine oil level and for leaks every 500 km or before starting a long trip.

*2 The engine oil level should be checked regularly and maintained properly. Operating with an insufficient amount of oil can damage the engine, and such damage is not covered by warranty.

*3 Never add any additives to the engine oil. Engine oil additives can change the properties of engine oil and may cause serious engine failure.

*4 Inspect drive belt tensioner, idler and alternator pulley and if necessary correct or replace.

*5 If good quality petrols meeting Europe Fuel standards (EN228) or equivalents including fuel additives are not available, one bottle of additive is recommended. Additives are available from your authorised Genesis repairer along with information on how to use them. Do not mix other additives.

I : Inspect and if necessary, adjust, correct, clean or replace.

R : Replace or change.

MAINTENANCE INTERVALS	Number of months or driving distance, whichever comes first								
	Months	12	24	36	48	60	72	84	96
	Km × 1,000	10	20	30	40	50	60	70	80
MAINTENANCE ITEM									
Spark plugs* ⁶		Replace every 80,000 km							
Valve clearance* ^{6*7}		Inspect every 60,000 km or 72 months							
Vapour hose and fuel filler cap							I		
Fuel tank air filter							I		
Fuel filter* ⁸							R		
Fuel line, hoses and connections							I		
Cooling system		I	I	I	I	I	I	I	I
Engine coolant* ⁹		At first, replace at 200,000 km or 120 months: after that, replace every 40,000 km or 24 months							

*1 For your convenience, this can be replaced prior to it's interval when you do maintenance of other items.

*2 Inspect for excessive valve noise and/or engine vibration and adjust if necessary. We recommend that the system be checked by an authorised Genesis repairer.

*3 The fuel filter is considered to be maintenance free but periodic inspection is recommended for this maintenance schedule depending on fuel quality. If there are some important matters like fuel flow restriction, surging, loss of power, or hard starting problems etc, we recommend replacing the fuel filter immediately regardless of maintenance schedule and consulting with an authorised Genesis repairer for details.

*4 When adding coolant, use only deionised water or soft water for your vehicle and never mix hard water in the coolant filled at the factory. An improper coolant mixture can result in serious malfunction or engine damage. For your convenience, it can be replaced prior to it's interval when you do maintenance of other items.

I : Inspect and if necessary, adjust, correct, clean or replace.

R : Replace or change.

MAINTENANCE INTERVALS	Number of months or driving distance, whichever comes first								
	Months	12	24	36	48	60	72	84	96
	Km × 1,000	10	20	30	40	50	60	70	80
MAINTENANCE ITEM									
All electrical systems		I	I	I	I	I	I	I	I
Battery condition		I	I	I	I	I	I	I	I
Brake lines, hoses and connections		I	I	I	I	I	I	I	I
Parking brake		I	I	I	I	I	I	I	I
Brake fluid		Replace every 30,000 km or 24 months							
Disc brakes and pads		I	I	I	I	I	I	I	I
Steering gear rack, linkage and boots		I	I	I	I	I	I	I	I
Driveshaft and boots			I		I		I		I
Tyres (pressure & tread wear)		I	I	I	I	I	I	I	I
Front suspension ball joints		I	I	I	I	I	I	I	I

I : Inspect and if necessary, adjust, correct, clean or replace.

R : Replace or change.

MAINTENANCE INTERVALS	Number of months or driving distance, whichever comes first								
	Months	12	24	36	48	60	72	84	96
	Km × 1,000	10	20	30	40	50	60	70	80
MAINTENANCE ITEM									
Exhaust system			I		I		I		I
Air conditioner refrigerant		I	I	I	I	I	I	I	I
Air conditioner compressor		I	I	I	I	I	I	I	I
Cabin air filter		Replace every 30,000 km or 24 months							
Automatic transmission fluid		No check, No service required							
Differential oil (rear) ^{*10*11}	Without LSD						I		
	With LSD						R		
Propeller shaft							I		

*1 Rear differential oil should be changed anytime they have been submerged in water.

*2 When replacing differential oil with LSD (Limited Slip Differential), use only specified LSD oil.

Maintenance under severe usage and low mileage conditions

The following items must be serviced more frequently on vehicles mainly used under severe driving conditions.

Refer to the chart below for the appropriate maintenance intervals.

R : Replace

I : Inspect and if necessary, adjust, correct, clean or replace

Maintenance item		Maintenance operation	Maintenance intervals	Driving condition
Engine oil and engine oil filter		R	5,000 km or 6 months	A, B, C, D, E, F, G, H, I, J, K, L
Air cleaner filter		R	Replace more frequently depending on the condition	C, E
Spark plugs		R	Replace more frequently depending on the condition	A, B, F, G, H, I, K
Steering gear rack, linkage and boots		I	Inspect more frequently depending on the condition	C, D, E, F, G
Front suspension ball joints		I	Inspect more frequently depending on the condition	C, D, E, F, G
Disc brakes and pads, calipers and rotors		I	Inspect more frequently depending on the condition	C, D, E, G, H
Parking brake		I	Inspect more frequently depending on the condition	C, D, G, H
Driveshaft and boots		I	Inspect more frequently depending on the condition	C, D, E, F, G, H, I, J
Cabin air filter		R	Replace more frequently depending on the condition	C, E, G
Automatic transmission fluid		R	Every 100,000 km	A, C, F, G, H, I, K
Differential oil (rear)	Without LSD	R	Every 120,000 km	C, E, G, H, I, J
	With LSD		Every 60,000 km	
Propeller shaft		I	Every 15,000 km or 12 months	C, E

Severe driving conditions

- [A] Repeatedly driving short distances of less than 8 km in normal temperatures or less than 16 km in freezing temperatures
- [B] Extensive engine idling or low speed driving for long distances
- [C] Driving on rough, dusty, muddy, unpaved, gravel or salt-spread roads
- [D] Driving in areas using salt or other corrosive materials or in very cold weather
- [E] Driving in the heavy dust conditions
- [F] Driving in heavy traffic area
- [G] Driving uphill, downhill, or on mountain roads repeatedly
- [H] Using for towing or camping, and driving with loads on the roof
- [I] Driving as a patrol car, taxi, commercial vehicle or vehicle towing
- [J] Frequently driving under high speed or rapid acceleration/deceleration
- [K] Frequently driving in stop-and-go conditions
- [L] Engine oil usage which is not recommended (Mineral type, Semi-synthetic, Lower grade spec, etc.)

Explanation of scheduled maintenance items

Engine oil and filter

The engine oil and filter should be changed at the intervals specified in the maintenance schedule. If the vehicle is being driven in severe conditions, more frequent oil and filter changes are required.

Drive belts

Inspect all drive belts for evidence of cuts, cracks, excessive wear or oil saturation and replace if necessary.

Drive belts should be checked periodically for proper tension and adjusted as necessary.

i Information

When you are inspecting the belt, turn the engine off.

Fuel lines, fuel hoses and connections

Check the fuel lines, fuel hoses and connections for leakage and damage. We recommend an authorised Genesis repairer replace any damaged or leaking parts immediately.

Fuel filter

The fuel filter is considered to be maintenance free but periodic inspection is recommended for this maintenance depending on fuel quality. If there are some important matters like fuel flow restriction, surging, loss of power, hard starting problem etc., replace the fuel filter immediately. We recommend that you consult an authorised Genesis repairer for details.

Vapour hose and fuel filler cap

The vapour hose and fuel filler cap should be inspected at those intervals specified in the maintenance schedule. Make sure a new vapour hose or fuel filler cap is correctly replaced.

Vacuum crankcase ventilation hoses (if equipped)

Inspect the surface of hoses for evidence of heat and/or mechanical damage. Hard and brittle rubber, cracking, tears, cuts, abrasions, and excessive swelling indicate deterioration. Particular attention should be paid to examine those hose surfaces nearest to high heat sources, such as the exhaust manifold.

Inspect the hose routing to ensure that the hoses do not come in contact with any heat source, sharp edges or moving component which might cause heat damage or mechanical wear. Inspect all hose connections, such as clamps and couplings, to make sure they are secure, and that no leaks are present. Hoses should be replaced immediately if there is any evidence of deterioration or damage.

Air cleaner filter

We recommend that the air cleaner filter be replaced by an authorised Genesis repairer.

Spark plugs

Make sure to install new spark plugs of the correct heat range.

When assembling parts, be sure to wipe out foreign substances inside and outside of the boot bottom of the ignition coil and the insulator of the spark plug with a soft cloth to prevent contamination of the spark plug insulator.

Cooling system

Check cooling system components, such as radiator, coolant reservoir, hoses and connections for leakage and damage. Replace any damaged parts.

Engine coolant

The coolant should be changed at the intervals specified in the maintenance schedule.

Automatic transmission fluid

Automatic transmission fluid should not be checked under normal usage conditions.

We recommend that the automatic transmission fluid be changed by an authorised Genesis repairer according to the maintenance schedule.

i Information

Automatic transmission fluid colour is red when new.

As the vehicle is driven, the automatic transmission fluid will begin to look darker.

This is a normal condition. It does not need to be replaced based on the colour change.

NOTICE

The use of a non-specified fluid could result in transmission malfunction and failure.

Use only specified automatic transmission fluid. (Refer to the “Recommended lubricants and capacities” section in chapter 2.)

Brake hoses and lines

Visually check for proper installation, chafing, cracks, deterioration and any leakage. Replace any deteriorated or damaged parts immediately.

Brake fluid

Check the brake fluid level in the brake fluid reservoir. The level should be between the MIN and the MAX marks on the side of the reservoir. Use only hydraulic brake fluid conforming to DOT 4 specification.

Brake discs, pads, calipers and rotors

Check the pads, the disc, and the rotor for any excessive wear-out. Inspect calipers for any fluid leakage.

Exhaust pipe and muffler

Visually inspect the exhaust pipes, muffler and hangers for cracks, deterioration, or damage. Start the engine and listen carefully for any exhaust gas leakage. Tighten connections or replace parts as necessary.

Suspension mounting bolts

Check the suspension connections for looseness or damage. Retighten to the specified torque.

Steering gear box, linkage & boots/lower arm ball joint

With the vehicle stopped and the engine off, check for excessive free-play in the steering wheel. Check the linkage for bends or damage. Check the dust boots and ball joints for deterioration, cracks, or damage.

Replace any damaged parts.

Drive shafts and boots

Check the drive shafts, boots and clamps for cracks, deterioration, or damage. Replace any damaged parts and, if necessary, repack the grease.

Air conditioning refrigerant

Check the air conditioning lines and connections for leakage and damage.

Engine oil

Checking the engine oil level

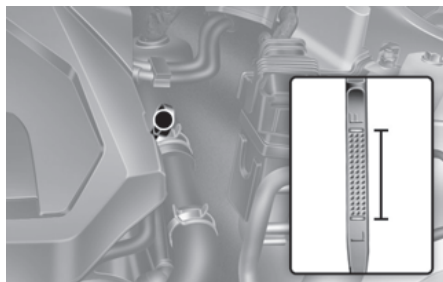
Engine oil is used for lubricating, cooling, and operating various hydraulic components in the engine. Engine oil consumption whilst driving is normal, and it is necessary to check and refill the engine oil regularly. Also, check and refill the oil level within the recommended maintenance schedule to prevent deterioration of oil performance.

Check the engine oil following the below procedure.

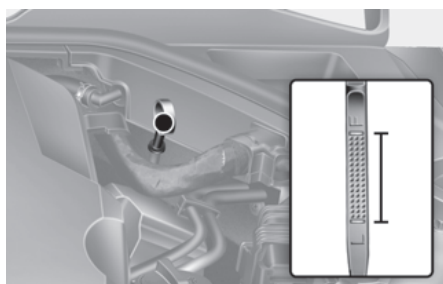
Petrol engine

1. Follow all of the oil manufacturer's precautions.
2. Be sure the vehicle is on the level ground in P (Park) with the parking brake set and the wheels blocked.
3. Turn the engine on and warm the engine up until the coolant temperature reaches a constant normal temperature.
4. Turn the engine off, remove the oil filler cap and pull the dipstick out. Wait for 15 minutes for the oil to return to the oil pan.
5. Wipe the dipstick clean and re-insert it fully.
6. Pull the dipstick out again and check the level. The level should be between F (Full) and L (Low).

2.0L T-GDI



3.3L T-GDI



7. If the oil level is below L, add enough oil to bring the level to F.

2.0L T-GDI



3.3L T-GDI



Use only the specified engine oil (Refer to the “Recommended lubricants and capacities” section in chapter 2).

NOTICE

To prevent damage to your engine:

- Do not spill engine oil when adding or changing engine oil. Wipe off spilled oil immediately.
- The engine oil consumption may increase whilst you break in a new vehicle and it will be stabilized after driving 6,000 km.
- The engine oil consumption can be affected by driving habits, climate conditions, traffic conditions, oil quality, etc. Therefore, it is recommended that you inspect the engine oil level regularly and refill it if necessary.

Checking the engine oil and filter



- We recommend that the engine oil and filter be changed by an authorised Genesis repairer according to the Maintenance Schedule at the beginning of this chapter.
- If the maintenance schedule to replace engine oil is exceeded, the engine oil performance may deteriorate, and the engine condition may be affected. Therefore, replace the engine oil according to the maintenance schedule.
- To keep the engine in optimal condition, use the recommended engine oil and filter. If the recommended engine oil and filter are not used, replace it according to the maintenance schedule under severe usage conditions.
- The purpose of the maintenance schedule for engine oil replacement is to prevent oil deterioration and it is irrelevant to oil consumption. Check and refill engine oil regularly.

CAUTION

The engine oil is very hot immediately after the vehicle has been driven and can cause burns during replacement. Replace the engine oil after the engine oil has cooled down.

WARNING

Used engine oil may cause irritation or cancer of the skin if left in contact with the skin for prolonged periods of time. Used engine oil contains chemicals that have caused cancer in laboratory animals. Always protect your skin by washing your hands thoroughly with soap and warm water as soon as possible after handling used oil.

NOTICE

Never add any additives to the engine oil. Engine oil additives can change the properties of engine oil and may cause serious engine failure.

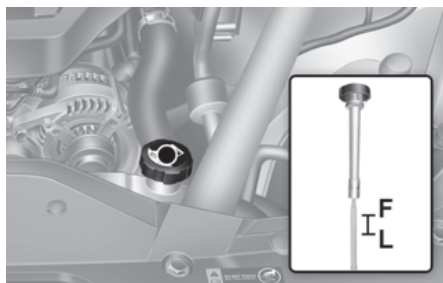
Engine coolant

The high-pressure cooling system has a reservoir filled with year-round antifreeze coolant. The reservoir is filled at the factory.

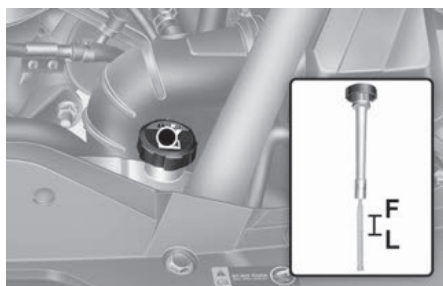
Check the antifreeze protection and coolant level at least once a year, at the beginning of the winter season and before travelling to a colder climate.

Checking the coolant level

2.0L T-GDI



3.3L T-GDI



Check the condition and connections of all cooling system hoses and heater hoses. Replace any swollen or deteriorated hoses.

The coolant level should be filled between the MAX and the MIN marks on the side of the coolant reservoir when the engine is cool.

If the coolant level is low, add enough distilled (deionized) water to bring the level to the MAX mark, but do not overfill. If frequent additions are required, we recommend that you see an authorised Genesis repairer for a cooling system inspection.

WARNING



Never remove the radiator cap/engine coolant cap or the drain plug whilst the engine and radiator are hot. Hot coolant and steam may blow out under pressure, causing serious injury.

Turn the engine off and wait until the engine cools down. Use extreme care when removing the radiator cap. Wrap a thick towel around it, and turn it anti-clockwise slowly to the first stop. Step back whilst the pressure is released from the cooling system. When you are sure all the pressure has been released, press down on the cap, using a thick towel, and continue turning anti-clockwise to remove it.

i Information

The coolant level is influenced by the engine temperature. Before checking or refilling the coolant, turn the engine off.

! WARNING



The electric motor for the cooling fan may continue to operate or start up when the engine is not running and can cause serious injury. Keep hands, clothing and tools away from the rotating fan blades of the cooling fan.

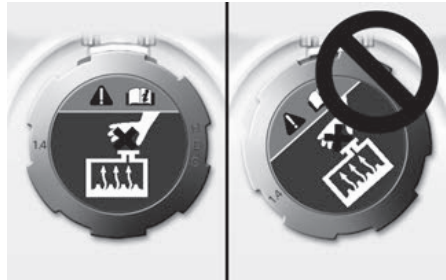
Always turn off the vehicle unless the vehicle has to be inspected with the engine on. Be cautious as the cooling fan may operate if the negative (-) battery terminal is not disconnected.

! WARNING

Make sure the coolant cap is properly closed after refilling coolant. Otherwise the engine could be overheated whilst driving.

1. Check if the coolant cap label is straight in front.

Engine compartment front view



2. Make sure that the tiny protrusions inside the coolant cap are securely interlocked.



Recommended coolant

- When adding coolant, use only deionized water, distilled water or soft water for your vehicle and never mix hard water in the coolant filled at the factory.
- An incorrect coolant mixture can result in severe malfunction or engine damage.
- The engine in your vehicle has aluminium engine parts and must be protected by an phosphate-based ethylene glycol coolant to prevent corrosion and freezing.
- Do not use alcohol or methanol coolant or mix them with the specified coolant.
- Do not use a solution that contains more than 60% antifreeze or less than 35% antifreeze, which would reduce the effectiveness of the solution.

For mixing percentage, refer to the following table:

Ambient Temperature	Mixture Percentage (volume)	
	Antifreeze	Water
-15°C (5°F)	35	65
-25°C (-13°F)	40	60
-35°C (-31°F)	50	50
-45°C (-49°F)	60	40

i Information

If in doubt about the mix ratio, a 50% water and 50% antifreeze mix is the easiest to mix together as it will be the same quantity of each. It is suitable to use for most temperature ranges of -35°C (-31° F) and higher.

Changing coolant

We recommend that coolant be changed by an authorised Genesis repairer according to the Maintenance Schedule at the beginning of this chapter.

WARNING

Do not use engine coolant or antifreeze in the washer fluid reservoir.

Engine coolant can severely obscure visibility when sprayed on the windscreen and may cause loss of vehicle control resulting in an accident.

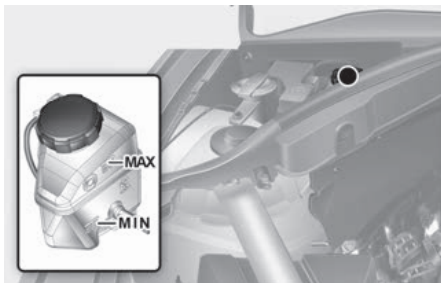
Engine coolant may also cause damage to paint and body trim.

NOTICE

To prevent damage to engine parts, put a thick towel around the engine coolant cap before refilling the coolant to prevent the coolant from overflowing into engine parts, such as the alternator.

Brake fluid

Checking the brake fluid level



Check the fluid level in the reservoir periodically. The fluid level should be between MAX and MIN marks on the side of the reservoir.

Before removing the reservoir cap and adding brake fluid, clean the area around the reservoir cap thoroughly to prevent brake fluid contamination.

If the level is low, add the specified brake fluid to the MAX level. The level will fall with accumulated mileage. This is a normal condition associated with the wear of the brake linings. If the fluid level is excessively low, we recommend that the brake system be checked by an authorised Genesis repairer.

WARNING

If the brake system requires frequent additions of fluid this could indicate a leak in the brake system. We recommend that the vehicle be inspected by an authorised Genesis repairer.

WARNING

Do not let brake fluid enter into your eyes. If brake fluid gets in your eyes, flush your eyes with clean water for at least 15 minutes and get immediate medical attention.

NOTICE

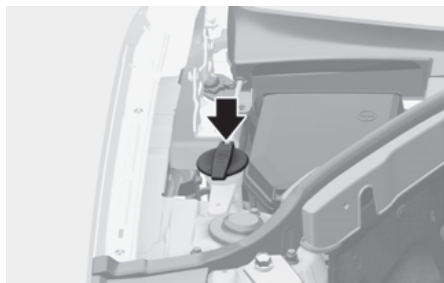
- Do not allow brake fluid to contact the vehicle's body paint, as it will result in paint damage.
- Never use brake fluid which has been exposed to open air for an extended time, as its quality cannot be guaranteed.
- Do not use the incorrect type of brake fluid. A few drops of mineral based oil such as engine oil in your brake system can damage brake system parts.

Information

Use only the specified brake fluid (refer to the "Recommended lubricants and capacities" section in chapter 2).

Washer fluid

Checking the washer fluid level



Check the fluid level in the washer fluid reservoir and add fluid if necessary. Plain water may be used if washer fluid is not available. However, use washer solvent with antifreeze characteristics in cold climates to prevent freezing.

WARNING

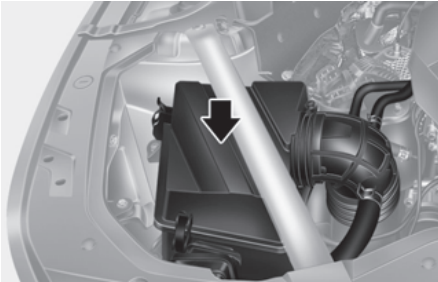
To prevent serious injury or death, take the following safety precautions when using washer fluid:

- Do not use engine coolant or antifreeze in the washer fluid reservoir. Engine coolant can severely obscure visibility when sprayed on the windscreen and may cause loss of vehicle control resulting in an accident or damage to paint and body trim.
- Do not allow sparks or flame to contact the washer fluid or the washer fluid reservoir. Washer fluid may contain alcohol and can be flammable.
- Do not drink washer fluid and avoid contact with skin. Washer fluid is harmful to humans and animals.
- Keep washer fluid away from children and animals.

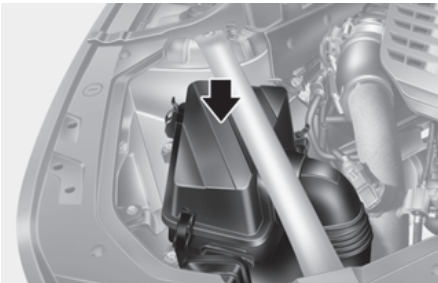
Air cleaner

Filter replacement

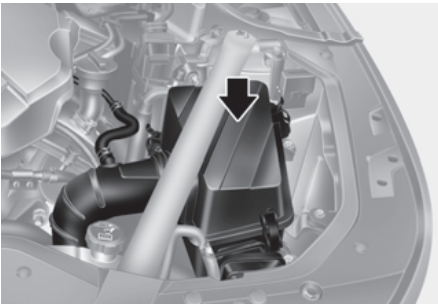
2.0L T-GDI



3.3 T-GDI (Driver side)



3.3L T-GDI (Passenger side)



Do not attempt to wash or to rinse it, as water will damage the filter.

If soiled, the air cleaner filter must be replaced.

We recommend that you visit an authorised Genesis repairer to replace air cleaner filter.

Replace the filter according to the Maintenance Schedule.

i Information

If the vehicle is operated in extremely dusty or sandy areas, replace the air cleaner filter more often than the usual recommended intervals (Refer to “Maintenance under severe usage and low mileage conditions” section in this chapter).

NOTICE

- Do not drive with the air cleaner filter removed. This will result in excessive engine wear.
- When removing the air cleaner filter, be careful that dust or dirt does not enter the air intake, or damage may result.
- We recommend that you use parts for replacement from an authorised Genesis repairer.

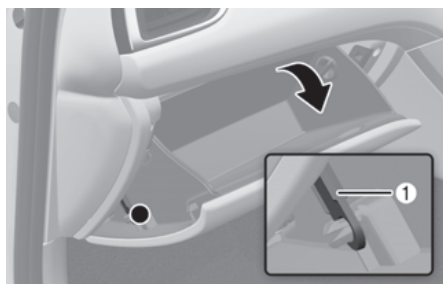
Cabin air filter

Filter inspection

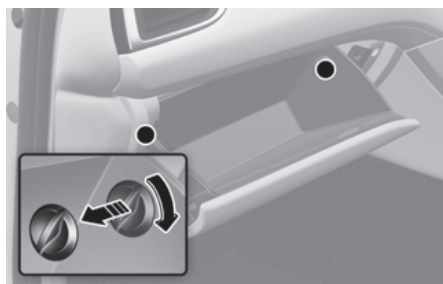
The cabin air filter should be replaced according to the Maintenance Schedule. If the vehicle is operated in severely air-polluted cities or on dusty rough roads for a long period, it should be inspected more frequently and replaced sooner. Replace the cabin air filter by following the procedure below and be careful to avoid damaging other components.

Filter replacement

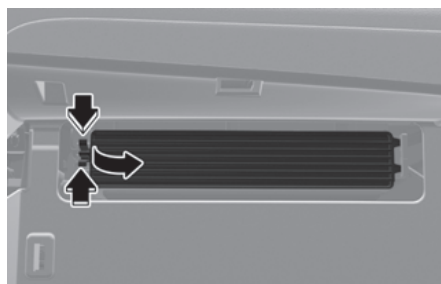
1. Open the glove box and remove the support rod (1) .



2. Remove the stoppers on both sides to allow the glove box to hang freely on the hinges.



3. Pull out the cover whilst Pressing and holding the lock on the left side of the cover.



4. Replace the cabin air filter.
5. Reassemble in the reverse order of disassembly.

NOTICE



Install a new cabin air filter in the correct direction with the arrow symbol (↓) facing downwards, to prevent noise and reduce effectiveness.

Wiper blades

Blade inspection

Contamination of either the windscreen or the wiper blades with foreign matter can reduce the effectiveness of the windscreen wipers.

Common sources of contamination are insects, tree sap, and hot wax treatments used by some commercial car washes. If the blades are not wiping properly, clean both the window and the blades with a good cleaner or mild detergent, and rinse thoroughly with clean water.

NOTICE

To prevent damage to the wiper blades, arms or other components, do not:

- Use petrol, kerosene, paint thinner, or other solvents on or near them.
 - Attempt to move the wipers manually.
 - Use non-specified wiper blades.
-

i Information

Commercial hot waxes applied by automatic car washes have been known to make the windscreen difficult to clean.

i Information

Wiper blades are consumable items. Normal wear of the wipers may not be covered by your vehicle warranty.

Blade replacement

When the wipers no longer clean adequately, the blades may be worn or cracked, and require replacement.

NOTICE

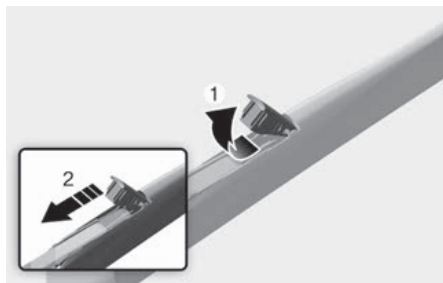
- In order to prevent damage to the bonnet and the wiper arms, the wiper arms should only be lifted when in the top wiping position.
 - Always return the wiper arms to the windscreen before driving.
-

Front windscreen wiper blade replacement

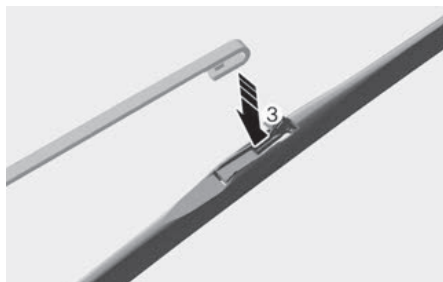
1. Within 20 seconds of turning off the engine, lift up (or push down) and hold the wiper lever to the MIST position for about 2 seconds until the wipers move to the top wipe position.



2. Lift up the wiper blade clip (1). Then pull down the wiper blade (2). Remove the wiper blade from the wiper arm.



3. Install a new wiper blade assembly in the reverse order of removal (3).



4. With the engine on, turn the wiper switch to MIST/LOW/HIGH position to return the wipers to the bottom resting position.

NOTICE

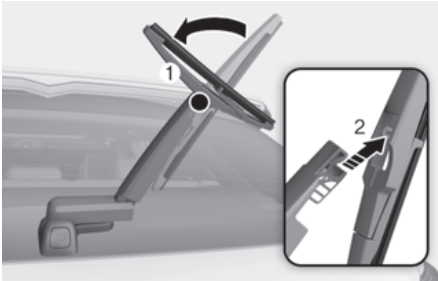
- Avoid the wipers from touching the windscreen when the wiper blade is disassembled to prevent windscreen damage.
- The wiper may not operate for about 10 seconds if the wiper is operated without washer fluid or the blades are frozen to prevent damage to the motor.

Rear window wiper blade replacement

 If equipped

1. Raise the wiper arm and then rotate the wiper blade assembly (1).
2. Pull out the wiper blade assembly (2).

Shooting Brake



3. Install the new blade assembly by inserting the centre part into the slot in the wiper arm until it clicks into place (3).



4. Make sure the blade assembly is installed firmly by trying to pull it slightly.
5. Rotate back the blade assembly so that it aligns with the wiper arm.

To prevent damage to the wiper arms or other components, we recommend that you have the wiper blades replaced by an authorised Genesis repairer.

Battery

WARNING

To prevent **SERIOUS INJURY** or **DEATH** to you or bystanders, always follow these precautions when working near or handling the battery:



Always read and follow instructions carefully when handling a battery.



Wear eye protection designed to protect the eyes from acid splashes.



Keep all flames, sparks, or smoking materials away from the battery.



Hydrogen is always present in battery cells, is highly combustible, and may explode if ignited.



Keep batteries out of reach of children.



Batteries contain sulphuric acid which is highly corrosive. Do not allow acid to contact your eyes, skin or clothing.

If acid gets into your eyes, flush your eyes with clean water for at least 15 minutes and get immediate medical attention. If acid gets on your skin, thoroughly wash the area. If you feel pain or a burning sensation, get medical attention immediately.

- When lifting a plastic-cased battery, excessive pressure on the case may cause battery acid to leak. Lift with a battery carrier or with your hands on opposite corners.
- Do not attempt to jump start your vehicle if your battery is frozen.
- NEVER attempt to recharge the battery when the vehicle's battery cables are connected to the battery.
- The electrical ignition system works with high voltage. NEVER touch these components with the engine running or when the Engine Start/Stop button is in the ON position.

NOTICE

Always follow these instructions when handling your vehicle's battery to prevent damage to your battery:

- When you do not use the vehicle for a long time in a low temperature area, disconnect the battery and keep it indoors.
- Always charge the battery fully to prevent battery case damage in low temperature areas.
- Prevent liquid from wetting the battery terminals. The performance of the battery may be degraded, and may cause injury. Be cautious when loading liquid in the boot (or tailgate).
- Do not tilt the battery.
- If you connect unauthorised electronic devices to the battery, the battery may be discharged. Never use unauthorised devices.

For best battery service

- Keep the battery securely mounted.
- Keep the battery top clean and dry.
- Keep the terminals and connections clean, tight, and coated with petroleum jelly or terminal grease.
- Rinse any spilled electrolyte from the battery immediately with a solution of water and baking soda.
- If the vehicle is not going to be used for an extended time, disconnect the battery cables.

Battery Replacement



When replacing the battery, disconnect the negative (-) cable (1) and remove the positive (+) battery fuse box (2). Remove the boot (or tailgate) panel and spare wheel. Place the spare wheel on the floor with the finished side up so as not to damage. Then remove the spare wheel bracket (3) followed by the battery hold down mounting bracket (4).

i Information

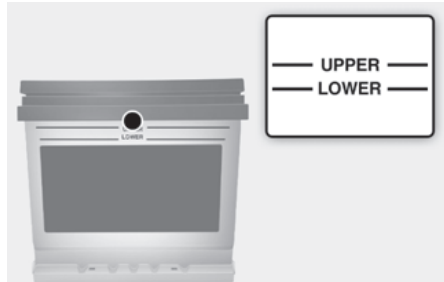
For vehicles with power boot (or tailgate), note that the power boot (or tailgate) needs to be reset after the battery has been replaced. For more information, refer to the “Power boot” or “Power tailgate” section in chapter 5.

NOTICE

Make sure the battery is installed securely when it is replaced. If the battery vibrates whilst driving, the case and electrode plate can be damaged.

i Information

For batteries marked with UPPER and LOWER



If your vehicle is equipped with a battery marked with LOWER (MIN) and UPPER (MAX) on the side, you should check the electrolyte level.

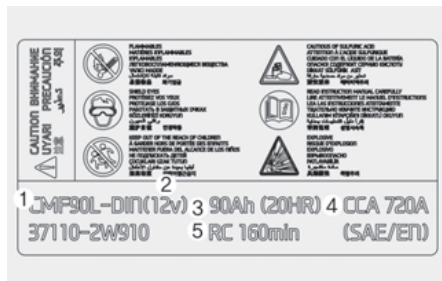
The electrolyte level should be between LOWER (MIN) and UPPER (MAX). When the electrolyte level is low, add distilled (or de-mineralised) water. (Never add sulphuric acids or other electrolyte).

Be careful not to spill distilled (or de-mineralised) water over the battery surface or other adjacent components.

Also, do not overfill the battery cells.

If not, it may corrode the battery or other components. Finally, securely close the cell cap. However, we recommend you that contact an authorised Genesis repairer for better battery service.

Battery capacity label



- (1) CMF90L-DIN: The Genesis Branded Vehicle model name of battery
- (2) 12V : The nominal voltage
- (3) 90Ah (20HR): The nominal capacity (in Ampere hours)
- (4) CCA 720A: The cold-test current in amperes by SAE/EN
- (5) RC 160min: The nominal reserve capacity (in min.)

The actual battery label in the vehicle may differ from the image.

Battery recharging

By battery charger

Your vehicle has a maintenance-free, calcium-based battery.

- If the battery becomes discharged over a short time (because, for example, the headlamps or interior lamps were left on whilst the vehicle was not in use), recharge it by slow charging (trickle) for 10 hours.
- If the battery gradually discharges because of high electrical load whilst the vehicle is being used, recharge it at 20-30A for two hours.

WARNING

Always follow these instructions when recharging your vehicle's battery to avoid the risk of **SERIOUS INJURY** or **DEATH** from explosions or acid burns:

- Before performing maintenance or recharging the battery, turn off all accessories and stop the engine.
- Keep all flames, sparks, or smoking materials away from the battery.
- Always work outdoors or in an area with plenty of ventilation.
- Wear eye protection when checking the battery during charging.
- The battery must be removed from the vehicle and placed in a well ventilated area.
- Watch the battery during charging, and stop or reduce the charging rate if the battery cells begin boiling violently.

- The negative battery cable must be removed first and installed last when the battery is disconnected. Disconnect the battery charger in the following order:
 1. Turn off the battery charger main switch.
 2. Unhook the negative clamp from the negative battery terminal.
 3. Unhook the positive clamp from the positive battery terminal.
 - We recommend that you use batteries for replacement from an authorised Genesis repairer.
-

By jump starting

After a jump start from a good battery, drive the vehicle for 20-30 minutes before it is shutoff. The vehicle may not restart if you shut it off before the battery had a chance to adequately recharge. Refer to the “Jump starting” in chapter 8 for more information on jump starting procedures.

***i* Information**



An inappropriately disposed battery can be harmful to the environment and human health. Dispose of the battery according to your local law(s) or regulation.

Reset items

The following items may need to be reset after the battery has been discharged or the battery has been disconnected.

- Fuel economy/Driving info/Since refuelling/Accumulated info (refer to chapter 4)
- Integrated memory system (refer to chapter 5)
- Power window (refer to chapter 5)
- Sunroof (refer to chapter 5)
- Power boot (or tailgate) (refer to chapter 5)
- Climate control system (refer to chapter 5)
- Clock (refer to Infotainment system manual)
- Infotainment system (refer to Infotainment system manual)

Tyres and wheels

WARNING

Tyre failure may cause loss of vehicle control resulting in an accident. To reduce risk of **SERIOUS INJURY** or **DEATH**, take the following precautions:

- Inspect your tyres monthly for proper inflation as well as wear and damage.
- The recommended cold tyre pressure for your vehicle can be found in this manual and on the tyre label located on the driver's side centre pillar. Always use a tyre pressure gauge to measure tyre pressure. Tyres with too much or too little pressure wear unevenly causing poor handling.
- Check the pressure of the spare every time you check the pressure of the other tyres on your vehicle.
- Replace tyres that are worn, show uneven wear, or are damaged. Worn tyres can cause loss of braking effectiveness, steering control, or traction.
- **ALWAYS** replace tyres with the same size, type, construction and tread pattern as those originally supplied with this vehicle. Using tyres and wheels other than the recommended sizes could cause unusual handling characteristics, poor vehicle control, or negatively affect your vehicle's Anti-Lock Brake System (ABS) resulting in a serious accident.

Tyre care

For proper maintenance, safety, and maximum fuel economy, you must always maintain recommended tyre inflation pressures and stay within the load limits and weight distribution recommended for your vehicle.



All specifications (sizes and pressures) can be found on a label attached to the driver's side centre pillar.

Recommended cold tyre inflation pressures

All tyre pressures (including the spare) should be checked when the tyres are cold. "Cold tyres" means the vehicle has not been driven for at least three hours or driven less than one 1.6 km.

Warm tyres normally exceed recommended cold tyre pressures by 28 to 41 kPa (4 to 6 psi). Do not release air from warm tyres to adjust the pressure or the tyres will be under-inflated. For recommended inflation pressure, refer to "Tyres and wheels" section in chapter 2.



WARNING

Recommended pressures must be maintained for the best ride, vehicle handling, and minimum tyre wear.

Over-inflation or under-inflation can reduce tyre life, adversely affect vehicle handling, and lead to sudden tyre failure that could result in loss of vehicle control resulting in an accident.

Severe under-inflation can lead to severe heat build-up, causing blowouts, tread separation and other tyre failures that can result in the loss of vehicle control resulting in an accident. This risk is much higher on hot days and when driving for long periods at high speeds.



CAUTION

- Under-inflation results in excessive wear, poor handling and reduced fuel economy. Wheel deformation is also possible. Keep your tyre pressures at the proper levels. If a tyre frequently needs refilling, we recommend it be checked by an authorised Genesis repairer.
 - Over-inflation produces a harsh ride, excessive wear at the centre of the tyre tread, and a greater possibility of damage from road hazards.
-

Check tyre inflation pressure

Check your tyres, including the spare tyre, once a month or more.

How to check

Use a good quality tyre pressure gauge to check tyre pressure. You can not tell if your tyres are properly inflated simply by looking at them. Radial tyres may look properly inflated when they are under-inflated.

Remove the valve cap from the tyre valve stem. Press the tyre gauge firmly onto the valve to get a pressure measurement. If the cold tyre inflation pressure matches the recommended pressure on the tyre and loading information label, no further adjustment is necessary. If the pressure is low, add air until you reach the recommended pressure. Make sure to put the valve caps back on the valve stems. Without the valve cap, dirt or moisture could get into the valve core and cause air leakage. If a valve cap is missing, install a new one as soon as possible.

If you overfill the tyre, release air by pushing on the metal stem in the centre of the tyre valve. Recheck the tyre pressure with the tyre gauge. Be sure to put the valve caps back on the valve stems. Without the valve cap, dirt or moisture could get into the valve core and cause air leakage. If a valve cap is missing, install a new one as soon as possible.

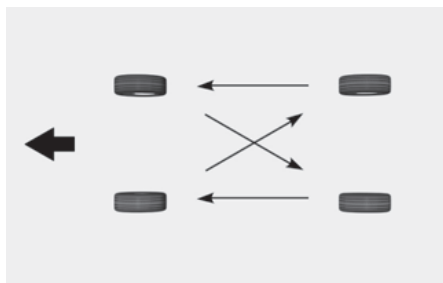
Tyre rotation

To equalize tread wear, Genesis recommends that the tyres rotated according to the maintenance schedule or sooner if irregular wear develops.

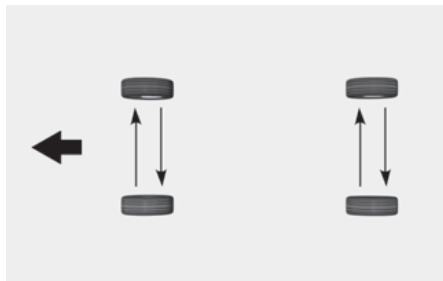
During rotation, check the tyres for correct balance.

When rotating tyres, check for uneven wear and damage. Abnormal wear is usually caused by incorrect tyre pressure, improper wheel alignment, out-of-balance wheels, severe braking or severe cornering. Look for bumps or bulges in the tread or side of the tyre. Replace the tyre if you find any of these conditions. Replace the tyre if fabric or cord is visible. After rotation, be sure to bring the front and rear tyre pressures to specification and check wheel nut tightness (proper torque is 11~13 kgf.m [79~94 lbf.ft]).

18 inch tyre



19 inch tyre



Disc brake pads should be inspected for wear whenever tyres are rotated.

i Information

The outside and inside of the unsymmetrical tyre is distinguishable. When installing an unsymmetrical tyre, be sure to install the side marked "outside" face the outside. If the side marked "inside" is installed on the outside, it will have a negative effect on vehicle performance.

WARNING

- Do not use the compact spare tyre for tyre rotation.
- Do not mix bias ply and radial ply tyres under any circumstances. This may cause unusual handling characteristics that may cause loss of vehicle control resulting in an accident.

Wheel alignment and tyre balance

The wheels on your vehicle were aligned and balanced carefully at the factory to give you the longest tyre life and best overall performance.

In most cases, you will not need to have your wheels aligned again. However, if you notice unusual tyre wear or your vehicle pulling one way or the other, the alignment may need to be reset.

If you notice your vehicle vibrating when driving on a smooth road, your wheels may need to be rebalanced.

NOTICE

Incorrect wheel weights can damage your vehicle's aluminium wheels. Use only approved wheel weights.

Tyre replacement



[A] Tread wear indicator

If the tyre is worn evenly, a tread wear indicator will appear as a solid band across the tread. This shows there is less than 1.6 mm of tread left on the tyre. Replace the tyre when this happens.

Do not wait for the band to appear across the entire tread before replacing the tyre.

⚠ WARNING

To reduce the risk of DEATH or SERIOUS INJURY:

- Replace tyres that are worn, show uneven wear, or are damaged. Worn tyres can cause loss of braking effectiveness, steering control, and traction.
- Always replace tyres with the same size as each tyre that was originally supplied with this vehicle. Using tyres and wheels other than the recommended sizes could cause unusual handling characteristics, poor vehicle control, or negatively affect your vehicle's Anti-Lock Brake System (ABS) resulting in a serious accident.
- When replacing tyres (or wheels), it is recommended that you replace the two front or two rear tyres (or wheels) as a pair. Replacing just one tyre can seriously affect your vehicle's handling.
- Tyres degrade over time, even when they are not being used. Regardless of the remaining tread, Genesis Vehicle recommends that tyres be replaced after six (6) years of normal service.
- Heat caused by hot climates or frequent high loading conditions can accelerate the aging process. Failure to follow this warning may cause sudden tyre failure, which could lead to a loss of vehicle control resulting in an accident.

Compact spare tyre replacement

 if equipped

A compact spare tyre has a shorter tread life than a regular size tyre. Replace it when you can see the tread wear indicator bars on the tyre. The replacement compact spare tyre should be the same size and design tyre as the one provided with your new vehicle and should be mounted on the same compact spare tyre wheel. The compact spare tyre is not designed to be mounted on a regular size wheel, and the compact spare tyre wheel is not designed for mounting a regular size tyre.

WARNING

The original tyre should be repaired or replaced as soon as possible to avoid failure of the compact spare tyre and loss of vehicle control resulting in an accident. The compact spare tyre is for emergency use only. Do not operate your vehicle over 80 km/h when using the compact spare tyre.

Wheel replacement

When replacing the metal wheels for any reason, make sure the new wheels are equivalent to the original factory units in diameter, rim width and offset.

Tyre traction

Tyre traction can be reduced if you drive on worn tyres, tyres that are improperly inflated or on slippery road surfaces. Tyres should be replaced when tread wear indicators appear. To reduce the possibility of losing control, slow down whenever there is rain, snow or ice on the road.

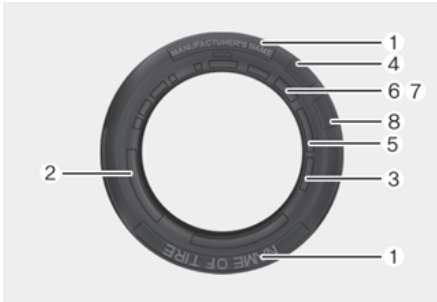
Tyre maintenance

In addition to proper inflation, correct wheel alignment helps to decrease tyre wear. If you find a tyre is worn unevenly, have your dealer check the wheel alignment.

When you have new tyres installed, make sure they are balanced. This will increase vehicle travel comfort and tyre life. Additionally, a tyre should always be rebalanced if it is removed from the wheel.

Tyre sidewall labelling

This information identifies and describes the fundamental characteristics of the tyre and also provides the tyre identification number (TIN) for safety standard certification. The TIN can be used to identify the tyre in case of a recall.



(1) Manufacturer or brand name

Manufacturer or brand name is shown.

(2) Tyre size designation

A tyre's sidewall is marked with a tyre size designation. You will need this information when selecting replacement tyres for your car. The following explains what the letters and numbers in the tyre size designation mean.

Example tyre size designation:

(These numbers are provided as an example only; your tyre size designator could vary depending on your vehicle.)

225/45R18 95Y

225 - Tyre width in millimeters.

45 - Aspect ratio. The tyre's section height as a percentage of its width.

R - Tyre construction code (Radial).

18 - Rim diameter in inches.

95 - Load Index, a numerical code associated with the maximum load the tyre can carry.

Y - Speed Rating Symbol. See the speed rating chart in this section for additional information.

Wheel size designation

Wheels are also marked with important information that you need if you ever have to replace one. The following explains what the letters and numbers in the wheel size designation mean.

Example wheel size designation:

8.0JX18

8.0 - Rim width in inches.

J - Rim contour designation.

18 - Rim diameter in inches.

Tyre speed ratings

The chart below lists many of the different speed ratings currently being used for passenger vehicle tyres. The speed rating is part of the tyre size designation on the sidewall of the tyre. This symbol corresponds to that tyre's designed maximum safe operating speed.

Speed Rating Symbol	Maximum Speed
S	180 km/h
T	190 km/h
H	210 km/h
V	240 km/h
W	270 km/h
Y	300 km/h

*Z: For tyres above 240 km/h, tyre manufacturers sometimes use the code "ZR"

(3) Checking tyre life (TIN : Tyre Identification Number)

Any tyres that are over six years old, based on the manufacturing date, (including the spare tyre) should be replaced by new ones. You can find the manufacturing date on the tyre sidewall (possibly on the inside of the wheel), displaying the DOT Code. The DOT Code is a series of characters on a tyre consisting of numbers and English letters. The manufacturing date is designated by the last four digits (characters) of the DOT code.

DOT : XXXX XXXX 0000

The front part of the DOT shows a plant code number, tyre size and tread pattern and the last four numbers indicate week and year manufactured.

For example:

DOT XXXX XXXX 15 23 represents that the tyre was produced in the 15th week of 2023.

(4) Genesis exclusive tyre

Genesis Vehicle recommends that tyres designed specifically for Genesis vehicles be used. You may find the marking "GOE" (Genesis Original Equipment) embossed on the tyre sidewall.

(5) Tyre ply composition and material

The number of layers or plies of rubber-coated fabric in the tyre. Tyre manufacturers also must indicate the materials in the tyre, which include steel, nylon, polyester, and others. The letter "R" means radial ply construction; the letter "D" means diagonal or bias ply construction; and the letter "B" means belted-bias ply construction.

(6) Maximum permissible inflation pressure

This number is the greatest amount of air pressure that should be put in the tyre. Do not exceed the maximum permissible inflation pressure. Refer to the Tyre and Loading Information label for recommended inflation pressure.

(7) Maximum load rating

This number indicates the maximum load in kilograms and pounds that can be carried by the tyre. When replacing the tyres on the vehicle, always use a tyre that has the same load rating as the factory installed tyre.

(8) Uniform tyre quality grading

Quality grades can be found where applicable on the tyre sidewall between tread shoulder and maximum section width.

For example:

TREADWEAR 200

TRACTION AA

TEMPERATURE A

Tread wear

The tread wear grade is a comparative rating based on the wear rate of the tyre when tested under controlled conditions on a specified government test course. For example, a tyre graded 150 would wear one-and-a-half times (1½) as well on the government course as a tyre graded 100.

The relative performance of tyres depends upon the actual conditions of their use, however, and may depart significantly from the norm due to variations in driving habits, service practices and differences in road characteristics and climate.

These grades are molded on the sidewalls of passenger vehicle tyres. The tyres available as standard or optional equipment on your vehicle may vary with respect to grade.

Traction - AA, A, B & C

The traction grades, from highest to lowest, are AA, A, B and C. Those grades represent the tyre's ability to stop on wet pavement as measured under controlled conditions on specified government test surfaces of asphalt and concrete. A tyre marked C may have poor traction performance.

WARNING

The traction grade assigned to this tyre is based on straight ahead braking traction tests, and does not include acceleration, cornering, hydroplaning, or peak traction characteristics.

Temperature - A, B & C

The temperature grades are A (the highest), B and C representing the tyre's resistance to the generation of heat and its ability to dissipate heat when tested under controlled conditions on a specified indoor laboratory test wheel.

Sustained high temperature can cause the material of the tyre to degenerate and reduce tyre life, and excessive temperature can lead to sudden tyre failure. Grades B and A represent higher levels of performance on the laboratory test wheel than the minimum required by law.

WARNING

The temperature grade for this tyre is established for a tyre that is properly inflated and not overloaded. Excessive speed, under-inflation, over-inflation, or excessive loading, either separately or in combination, can cause heat build-up and possible sudden tyre failure. This may cause loss of vehicle control resulting in an accident.

Low aspect ratio tyres

The aspect ratio is lower than 50 on low aspect ratio tyres.

Because low aspect ratio tyres are optimised for handling and braking, their sidewall is a little stiffer than a standard tyre. Also low aspect ratio tyres tend to be wider and consequently have a greater contact patch with the road surface. In some instances they may generate more road noise compared with standard tyres.

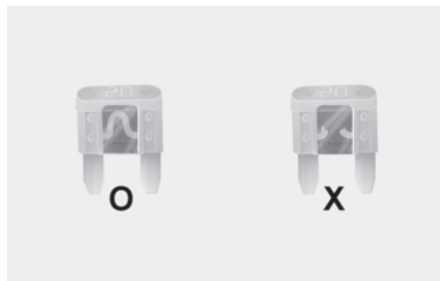
CAUTION

The side wall of a low aspect ratio tyre is shorter than the normal one. Thus, the low-aspect wheel and tyre are easily damaged. Follow the below instructions.

- When driving on a rough road or driving off a road, be careful not to damage the tyres and wheels. After driving, inspect the tyres and wheels.
- When passing over a pothole, speed bump, manhole, or kerb stone, drive the vehicle slowly so as not to damage the tyres and wheels.
- When there is an impact on a tyre, inspect the tyre condition. Or, you can contact an authorised Genesis repairer.
- Inspect the tyre condition and pressure every 3,000km to prevent tyre damage.
- It is difficult to recognise a tyre damage only with your eyes. When there is a slight hint of a tyre damage, check and replace the tyre to prevent the damage caused by air leakage.
- When a tyre is damaged whilst driving on a rough road, off a road, or over obstacles, such as a pothole, manhole, or kerb stone, your warranty does not cover the damage.
- The tyre information is specified on the tyre side wall.

Fuses

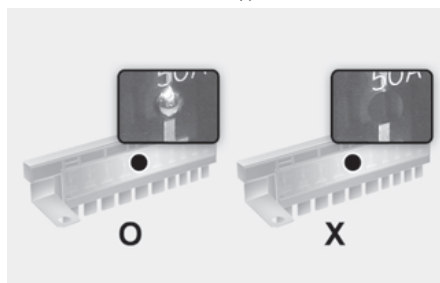
Blade type



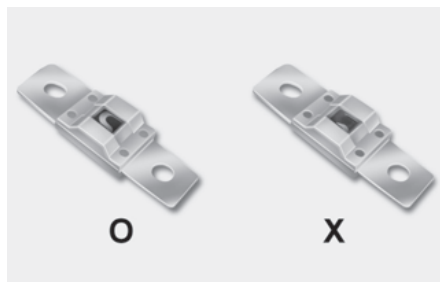
Cartridge type



Multi type



Midi type



A vehicle's electrical system is protected from electrical overload damage by fuses.

This vehicle has 4 fuse panels, two are located in the driver's side panel bolster and engine compartment, the other two are located in the boot (or tailgate).

If any of your vehicle's lights, accessories, or controls do not work, check the appropriate circuit fuse. If a fuse has blown, the element inside the fuse will be melted or broken.

If the electrical system does not work, first check the driver's side fuse panel. Before replacing a blown fuse, turn the engine and all switches off, and then disconnect the negative battery cable. Always replace a blown fuse with one of the same rating.

If the replacement fuse blows, this indicates an electrical problem. Avoid using the system involved. We recommend that you immediately consult an authorised Genesis repairer.

WARNING

NEVER replace a fuse with anything but another fuse of the same rating.

- A higher capacity fuse could cause damage and possibly cause a fire.
- Do not install a wire or aluminium foil instead of the proper fuse - even as a temporary repair. It may cause extensive wiring damage and possibly a fire.

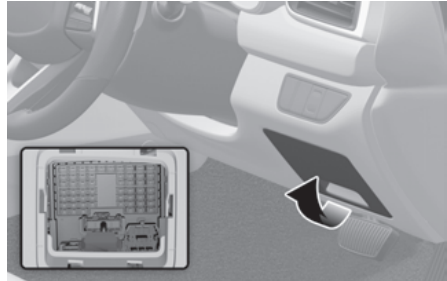
NOTICE

Do not use a screwdriver or any other metal object to remove fuses because it may cause a short circuit and damage the system.

Instrument panel fuse replacement

1. Turn the vehicle off.
2. Turn all other switches off.
3. Open the fuse panel cover.

Driver's side



4. Refer to the label on the inside of the fuse panel cover to locate the suspected fuse location.
5. Pull the suspected fuse straight out. Use the removal tool (1) provided in the engine compartment fuse panel.



6. Check the removed fuse; replace it if it is blown. Spare fuses are provided in the instrument panel fuse panels (or in the engine compartment fuse panel).
7. Push in a new fuse of the same rating, and make sure it fits tightly in the clips. If it fits loosely, we recommend that you consult an authorised Genesis repairer.

In an emergency, if you do not have a spare fuse, use a fuse of the same rating from a circuit you may not need for operating the vehicle, such as the cigarette lighter fuse.

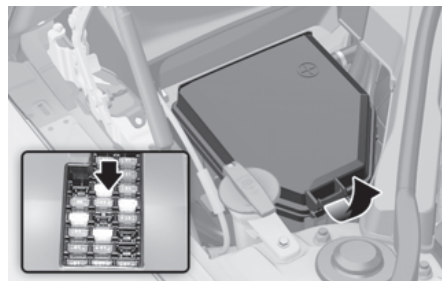
If the headlamps or other electrical components do not work and the fuses are undamaged, check the fuse panel in the engine compartment. If a fuse is blown, it must be replaced with the same rating.

Engine compartment panel fuse replacement

Blade fuse/Cartridge fuse

1. Turn the vehicle off.
2. Turn all other switches off.
3. Remove the fuse panel cover by pressing the tab and pulling up.
4. Check the removed fuse and replace it if it is blown. To remove or insert the fuse, use the removal tool in the engine compartment fuse panel.

Blade type fuse



Cartridge type fuse



5. Push in a new fuse of the same rating, and make sure it fits tightly in the clips. If it does not fit tightly, we recommend that you consult an authorised Genesis repairer.

NOTICE

After checking the fuse panel in the engine compartment, securely install the fuse panel cover. You may hear a clicking sound if the cover is securely latched. If it is not securely latched, electrical failure may occur from water contact.

Multi fuse/Midi fuse

Multi type



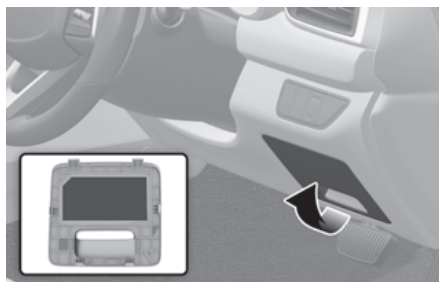
Midi type



If the multi fuse or midi fuse is blown, we recommend that you consult an authorised Genesis repairer.

Fuse/relay panel description

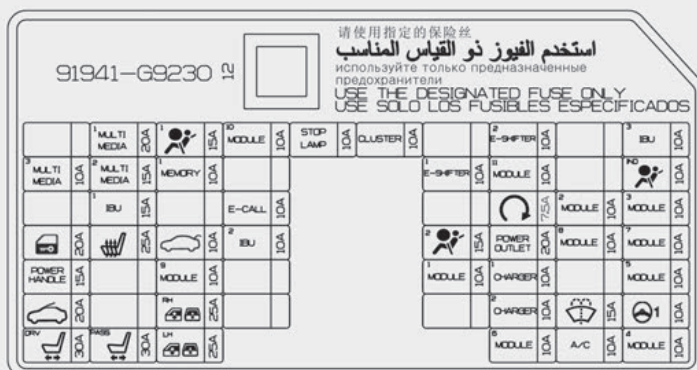
Instrument panel fuse panel



Inside the fuse/relay box cover, you can find the fuse/relay label describing fuse/relay names and ratings.

i Information

Not all fuse panel descriptions in this manual may be applicable to your vehicle; the information is accurate at the time of printing. When you inspect the fuse box on your vehicle, refer to the fuse box label.



Instrument panel fuse panel (Driver's side fuse panel)

Fuse Name	Symbol	Fuse Rating	Circuit Protected
MULTI MEDIA1	¹ 	20A	[W/O ISG] Fuse - F11, F12 [With ISG] Low DC-DC Converter (Audio)
AIRBAG1	¹ 	15A	SRS Control Module (IG1)
MODULE10	¹⁰ 	10A	Driver Door Module, Driver/Passenger Power Outside Rearview Mirror, Driver IMS Control Module, Driver Air Lumbar Control Unit
STOP LAMP		10A	IBU, Stop Lamp Switch
CLUSTER		10A	Instrument Cluster, Head-Up Display
E-SHIFTER2	² 	10A	Electronic ATM Shift Lever
IBU3	³ 	10A	IBU (IG1)
MULTI MEDIA3	³ 	10A	[With ISG] Instrument Cluster, Head-Up Display, A/C Switch, Front Wireless Charger, Surround View Monitor [W/O ISG] Surround View Monitor
MULTI MEDIA2	² 	15A	A/V & Navigation Head Unit
MEMORY1	¹ 	10A	A/C Control Module, A/C Switch, Security Indicator Head-Up Display, Instrument Cluster (W/O ISG)
E-SHIFTER1	¹ 	10A	Electronic ATM Shift Lever
MODULE11	¹¹ 	10A	Multifunction Switch (IG1)
AIRBAG IND.	^{IND} 	10A	Instrument Cluster, Overhead Console Lamp
IBU1	¹ 	15A	IBU (B+)
E-CALL		10A	Emergency Call (E-CALL) Module
START		7.5A	IBU (B+), PCB Block (P/N Relay)
MODULE2	² 	10A	IBU (IG2)
MODULE3	³ 	10A	Driver Door Module, Stop Lamp Switch (G4KL/G6DP)
DOOR LOCK		20A	Door Lock Relay, Door Unlock Relay

Fuse Name	Symbol	Fuse Rating	Circuit Protected
SEAT HEATER		25A	Front Air Ventilation Seat Control Module Front Seat Warmer Control Module
BOOT		10A	Boot Lid Relay, Fuel Lid Relay
IBU2	² 	10A	Rain Sensor, Driver/Passenger Smart Key Outside Handle, IBU Driver/Passenger Power Outside Rearview Mirror
AIRBAG2	² 	15A	SRS Control Module (B+)
POWER OUTLET		20A	Front Power Outlet
MODULE8	⁸ 	10A	A/C Switch
MODULE7	⁷ 	10A	IBU, Smart Cruise Control Module, AWD ECM, ECS Unit, Console Switch, Crash Pad Switch, Surround View Monitor, Multi-Function Camera Unit, Steering Angle Sensor, Steering Tilt & Telescopic Module, Dosing Control Module, Electronic Control Engine Mounting Module
POWER HANDLE		15A	Steering Tilt & Telescopic Module
MODULE9	⁹ 	10A	Driver Air Lumbar Control Unit
MODULE1	¹ 	10A	Data Link Connector, Hazard Switch, Crash Pad Switch, Console Switch, Electronic Control Engine Mounting Module
CHARGER1	¹ 	10A	Front/Rear USB Charger, Front Tray USB Charger
MODULE5	⁵ 	10A	A/C Control Module, A/C Switch, Electro Chromic Mirror, Data Link Connector, A/V & Navigation Head Unit, Low DC-DC Converter (Audio/AMP), AMP, IFS Module, Emergency Call (E-CALL) Module, Front Wireless Charger, Driver IMS Control Module, Front Air Ventilation Seat Control Module, Front/Rear Seat Warmer Control Module
SUNROOF		20A	Sunroof Control Unit (Glass)
PASSENGER P/WINDOW	^{RH} 	25A	Rear Power Window Switch RH, Rear Safety Power Window Module RH, Driver Safety Power Window Module
CHARGER2	² 	10A	Rear USB Charger

Fuse Name	Symbol	Fuse Rating	Circuit Protected
WASHER		15A	Multifunction Switch
MDPS	 1	10A	MDPS Unit
DRIVER P/SEAT	DRV 	30A	Driver IMS Control Module, Driver Seat Manual Switch
PASSENGER P/SEAT	PASS 	30A	Passenger Seat Manual Switch, Passenger Walk In Relay Module
DRIVER P/WINDOW	LH 	25A	Rear Power Window Switch LH, Rear Safety Power Window Module LH, Passenger Safety Power Window Module
MODULE6	⁶ MODULE	10A	Surround View Monitor, Emergency Call (E-CALL) Module, IBU, Electronic ATM Shift Lever, A/V & Navigation Head Unit, AMP, Low DC-DC Converter (Audio/AMP), Overhead Console Lamp, Emergency Call Button, E/R Junction Block (RLY.5 - Power Outlet)
A/CON	A/C	10A	A/C Control Module, A/C Switch, PM Sensor (A/C), Diesel Junction Block (RLY.3/4 - PTC Heater Relay #3/#4)
MODULE4	⁴ MODULE	10A	Head Lamp LH/RH, Auto Head Lamp Levelling Device Module

Engine compartment fuse panel (Engine compartment junction block)

Fuse Name	Symbol	Fuse Rating	Circuit Protected
START		30A	RLY. 7 (Start Relay)
C/FAN1	¹ 	80A	[BLDC Motor] Cooling Fan Controller
B+3	³ 	50A	ICU Junction Block (Fuse - F4/F5, Long Term Load Latch Relay Fuse - F2/F11/F12/F13)
B+2	² 	50A	ICU Junction Block (Fuse - F27/F35/F43/F51/F52)
B+1	¹ 	50A	ICU Junction Block (Fuse - F28/F29/F37/F45/F53)
EOP	EOP	50A	[With ISG] Electric Oil Pump Module
ESP1	¹ 	40A	ESP Control Module
ESP2	² 	40A	ESP Control Module
IG2	IG2	30A	PCB Block (IG2 Relay)
MDPS	 ¹	100A	MDPS Unit
B+4	⁴ 	60A	PCB Block (Engine Control Relay, Fuse - F4/F5/F13/F22)
C/FAN2	² 	60A	[DC Motor] RLY. 9 (Cooling Fan Relay)
BLOWER		50A	RLY. 6 (Blower Relay)
E-CVVT1	¹ E-CVVT	40A	[G4KL] RLY. 8 (E-CVVT Relay)
TRAILER		40A	Trailer Connector
VACUUM PUMP	VACUUM PUMP	20A	[G4KL/G6DP] RLY. 1 (Vacuum Pump Relay)
AWD		20A	AWD ECM
POWER OUTLET	# POWER OUTLET	20A	E/R Junction Block (RLY.5 - Power Outlet Relay)
ESP4	⁴ 	10A	ESP Control Module
A/CON	A/C	10A	A/C Control Module

Fuse Name	Symbol	Fuse Rating	Circuit Protected
E-CVVT3	³ E-CVVT	20A	[G4KL] ECM
E-CVVT2	² E-CVVT	20A	[G4KL] ECM

Engine compartment fuse panel (PCB block)

Fuse Name	Symbol	Fuse Rating	Circuit Protected
ESC3		10A	ESP Control Module
ECU3		10A	ECM
ECU2		15A	ECM
HORN		20A	Horn Relay
WIPER1		30A	Wiper Power Relay
TCU2		15A	P/N Relay, TCM
SENSOR4		10A	Electronic Oil Pump Module, [G4KL/G6DP] Brake Vacuum Switch, E/R Junction Block (RLY.1 - Brake Vacuum Relay)
TCU1		20A	TCM
WIPER2		10A	IBU, ECM
SENSOR1		15A	Rear Sub Junction Block (Fuel Pump Relay)
SENSOR5		20A	[G4KL] Ignition Coil #1 /#2/#3/#4 [G6DP] Ignition Coil #1 /#2/#3/#4/#5/#6
MODULE	MODULE	10A	E/R Junction Block (RLY.6 - Blower Relay)
ACTIVE BONNET		10A	Active Bonnet Lift Control Module
ECU1		20A	ECM
SENSOR3		15A	[G4KL] Oxygen Sensor (Up/Down) [G6DP] Oxygen Sensor #1 /#2/#3/#4
SENSOR2		10A	E/R Junction Block (RLY. 9 - Cooling Fan Relay), [G4KL] Electronic Thermostat, Oil Control Valve, Purge Control Solenoid Valve, Recirculation Control Solenoid Valve, Cooling Fan Controller [G6DP] Electronic Thermostat, Oil Pressure Solenoid Valve, Oil Control Valve #1 /#2/#3/#4 (Intake/Exhaust), Recirculation Control Solenoid Valve, Purge Control Solenoid Valve, Cooling Fan Controller, Variable Exhaust Flap Actuator LH, Variable Exhaust Flap Actuator RH

Fuse Name	Symbol	Fuse Rating	Circuit Protected
B/ALARM		10A	E/R Junction Block (RLY. 2 - Burglar Alarm Horn Relay)

Relay

Type	Relay No.	Symbol	Relay Name
MICRO	RLY. 1	VACUUM PUMP	Vacuum Pump Relay
MICRO	RLY. 2		Burglar Alarm Horn Relay
MICRO	RLY. 5	#POWER OUTLET	Power Outlet Relay
MICRO	RLY. 6		Blower Relay
MICRO	RLY. 7		Start Relay
MICRO	RLY. 8	E-CVVT	E-CVVT Relay (G4KL)
MINI	RLY. 9		Cooling Fan Relay

Boot (or tailgate) fuse panel (Rear sub junction block)

Sedan



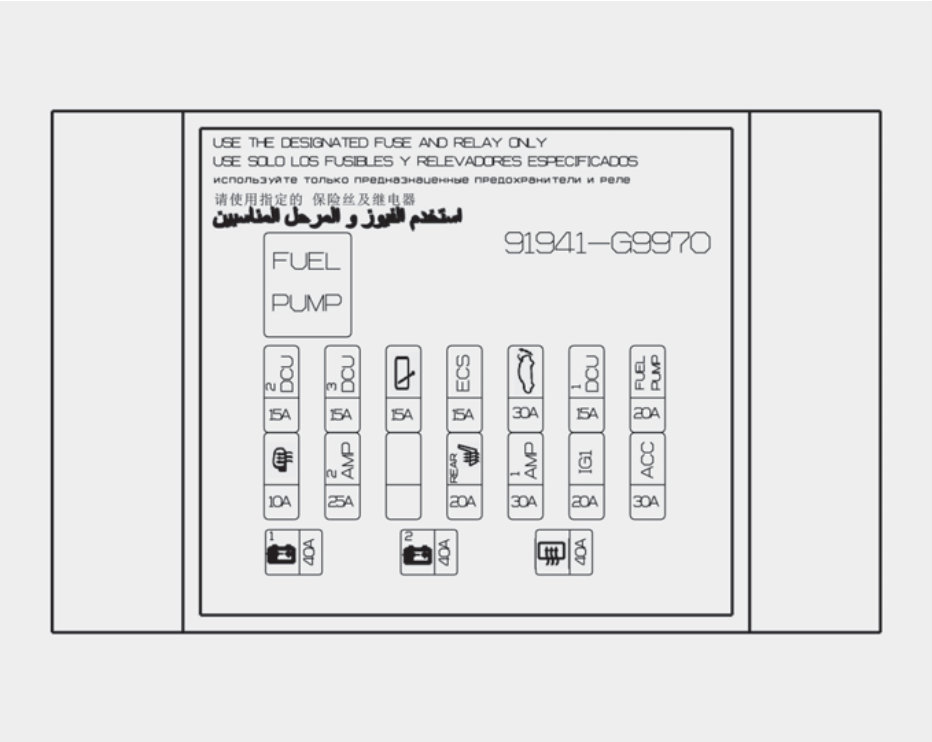
Shooting Brake



Inside the fuse/relay box cover, you can find the fuse/relay label describing fuse/relay names and ratings.

i Information

Not all fuse panel descriptions in this manual may be applicable to your vehicle; the information is accurate at the time of printing. When you inspect the fuse panel in your vehicle, refer to the fuse panel label.



Rear fuse box panel

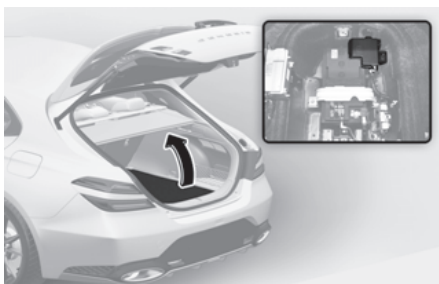
Fuse Name	Symbol	Fuse Rating	Circuit Protected
REAR WIPER		15A	Wiper RR Relay, Rear Wiper Motor
ECS	ECS	15A	ECS Unit
POWER BOOT		30A	Power Boot Module, Power Tailgate Unit
FUEL PUMP	FUEL PUMP	20A	Fuel Pump Relay
HEATED MIRROR		10A	[W/O IMS] Driver/Passenger Power Outside Rearview Mirror
AMP2	² AMP	25A	AMP
REAR S/HEAT	^{REAR} 	20A	Rear Seat Warmer Control Module
AMP1	¹ AMP	30A	[W/O ISG] Fuse - F9 [With ISG] Low DC-DC Converter (AMP)
IG1	IG1	20A	IG1 Relay
ACC	ACC	30A	ICU Junction Block (Fuse - F32, F40, F48, F54)
B+1	¹ 	40A	ICU Junction Block (IPS6, IPS7, IPS8, IPS9, IPS10, Fuse - F20, F30)
B+2	² 	40A	ICU Junction Block (IPS1, IPS2, IPS3, IPS4, IPS5, Fuse - F15, F31, F39)
REAR HEATED		40A	Rear Heated Relay

Boot (or tailgate) fuse panel (Battery junction block)

Sedan



Shooting Brake



Inside the fuse/relay box cover, you can find the fuse/relay label describing fuse/relay names and ratings.

i Information

Not all fuse panel descriptions in this manual may be applicable to your vehicle; the information is accurate at the time of printing. When you inspect the fuse panel in your vehicle, refer to the fuse panel label.



Battery box fuse panel

Fuse Name	Symbol	Fuse Rating	Circuit Protected
B+1	¹ 	100A	Rear Sub Junction Block (ACC Relay, Fuse - F7, F12, F13, F16, F17)
B+2	¹ 	100A	Rear Sub Junction Block (DCU Relay, Fuse - F3, F5, F4, F11, F15)
START		40A	E/R Junction Block (Fuse - F3), PCB Block (Fuse - F3, F9)
AMS	AMS	10A	Battery Sensor

Light bulbs

We recommend that you consult an authorised Genesis repairer to replace most vehicle light bulbs. It is difficult to replace vehicle light bulbs because other parts of the vehicle must be removed before you can get to the bulb. This is especially true for removing the headlamp assembly to get to the bulb(s).

Removing/installing the headlamp assembly can result in damage to the vehicle.

WARNING

- Prior to replacing a light bulb, press the foot brake, shift to P (Park), apply the parking brake, press the Engine Start/Stop button to the OFF position and take the key with you when leaving the vehicle to avoid sudden movement of the vehicle and to prevent possible electric shock.
- Be aware the bulbs may be hot and may burn your fingers.

NOTICE

- Be sure to replace the burned-out bulb with one of the same wattage rating. Otherwise, it may cause damage to the fuse or electrical wiring system.
- To prevent damage, do not clean the headlamp lens with chemical solvents or strong detergents.
- Do not unplug the bulb or light connector whilst power is supplied to a light that is functioning normally. The electrical device in the fuse box recognises it as a light failure and a warning message may appear on the instrument cluster or a failure may be recorded in the fault record code (DTC).

i Information

Headlamp desiccant (if equipped)

This vehicle is equipped with desiccant to reduce fogging inside the headlamp due to moisture. The desiccant is consumable and its performance may change based on the used period or environment. If fogging inside the headlamp due to moisture continues for a long time, we recommend that you consult an authorised Genesis repairer.

i Information

The headlamp and tail lamp lenses could appear frosty if the vehicle is washed after driving or the vehicle is driven at night in wet weather. This condition is caused by temperature difference between the light inside and outside and, it does not indicate a problem with your vehicle. When moisture condenses in the light, it will be removed after driving with the headlamp on. The evaporation level may differ depending on light size, light position and environmental condition. However, if moisture does not evaporate, we recommend that your vehicle is inspected by an authorised Genesis repairer.

i Information

- A normally functioning light may flicker momentarily to stabilize the vehicle's electrical control system. However, if the light goes out after flickering momentarily, or continues to flicker, we recommend the system be checked by an authorised Genesis repairer.
- The parking lamp may not turn on when the parking lamp switch is turned on, but the parking lamp and headlamp switch may turn on when the headlamp switch is turned on. This may be caused by network failure or vehicle electrical control system malfunction. If this occurs, we recommend the system be checked by an authorised Genesis repairer.

i Information

The headlamp aiming should be adjusted after an accident or after the headlamp assembly is reinstalled.

Headlamp, parking lamp, turn signal lamp, Daytime Running Lamp (DRL) replacement



- (1) Headlamp (Low)
- (2) Headlamp (High/Sub Low)
- (3) Parking lamp/Daytime Running Lamp (DRL)/Turn signal lamp

If the LED light does not operate, we recommend that the system be inspected by an authorised Genesis repairer.

The LED lights cannot be replaced as single bulbs because they are an integrated unit. A new unit is required to replace a blown LED light.

A skilled technician should check or repair the LED light, for it may damage related parts of the vehicle.

Side repeater lamp replacement

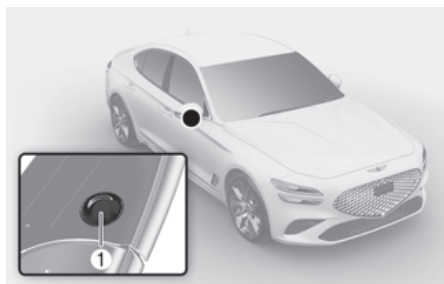


If the LED light (1) does not operate, we recommend that the system be inspected by an authorised Genesis repairer.

The LED lights cannot be replaced as single bulbs because they are an integrated unit. A new unit is required to replace a blown LED light.

A skilled technician should check or repair the LED light, for it may damage related parts of the vehicle.

Puddle lamp replacement

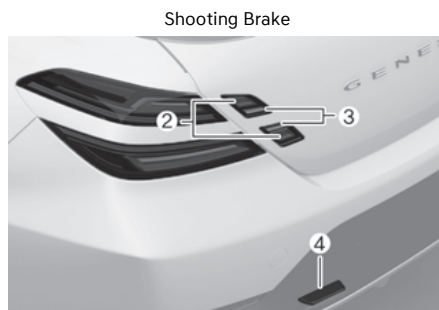
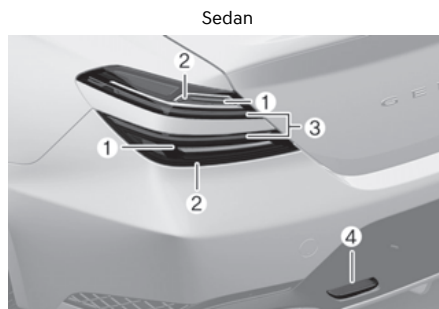


If the LED light (1) does not operate, we recommend that the system be inspected by an authorised Genesis repairer.

The LED lights cannot be replaced as single bulbs because they are an integrated unit. A new unit is required to replace a blown LED light.

A skilled technician should check or repair the LED light, for it may damage related parts of the vehicle.

Rear combination lamp replacement



- (1) Stop lamp
- (2) Stop/Tail lamp
- (3) Turn signal lamp
- (4) Reverse lamp

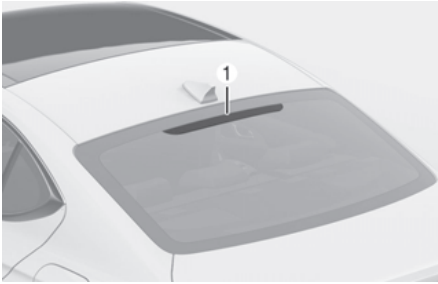
If the LED light does not operate, we recommend that the system be inspected by an authorised Genesis repairer.

The LED lights cannot be replaced as single bulbs because they are an integrated unit. A new unit is required to replace a blown LED light.

A skilled technician should check or repair the LED light, for it may damage related parts of the vehicle.

High mounted stop lamp replacement

Sedan



Shooting Brake



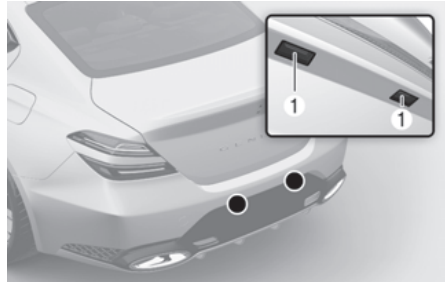
If the LED light (1) does not operate, we recommend that the system be inspected by an authorised Genesis repairer.

The LED lights cannot be replaced as single bulbs because they are an integrated unit. A new unit is required to replace a blown LED light.

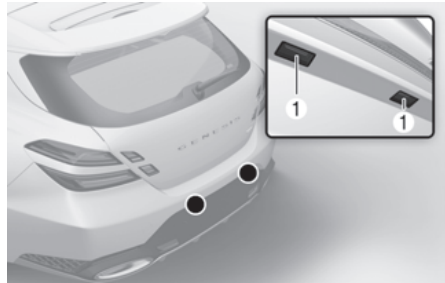
A skilled technician should check or repair the LED light, for it may damage related parts of the vehicle.

Licence plate lamp replacement

Sedan



Shooting Brake



If the LED light (1) does not operate, we recommend that the system be inspected by an authorised Genesis repairer.

The LED lights cannot be replaced as single bulbs because they are an integrated unit. A new unit is required to replace a blown LED light.

A skilled technician should check or repair the LED light, for it may damage related parts of the vehicle.

Interior lamp replacement

Front lamps



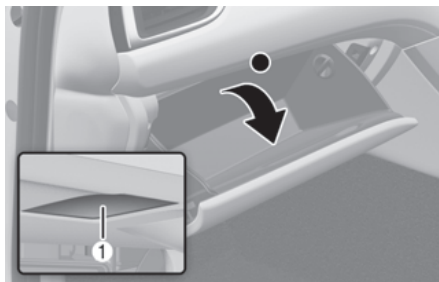
Rear lamps



Vanity mirror lamp



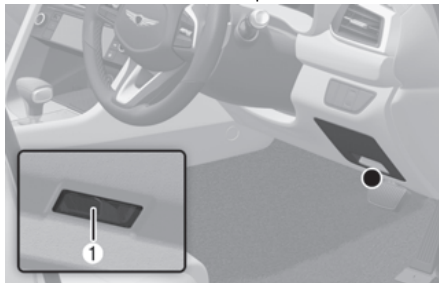
Glove box lamp



Mood lamp



Foot lamp



Boot lamp (Sedan)



Tailgate lamp (Shooting Brake)



If the LED light does not operate, we recommend that the system be inspected by an authorised Genesis repairer.

The LED lights cannot be replaced as single bulbs because they are an integrated unit. A new unit is required to replace a blown LED light.

A skilled technician should check or repair the LED light, for it may damage related parts of the vehicle.

Appearance care

Exterior care

NOTICE

If you park your vehicle near a stainless steel sign or glass facade building, the vehicle's exterior plastic parts such as a bumper, spoiler, garnish, lamp or outside rearview mirrors might be damaged due to sunlight reflected from the sign or building. To prevent damage of the exterior plastic parts, you should avoid parking in areas where light may be reflected or use a car cover. (The exterior plastic parts applied to your vehicle may vary.)

Exterior general caution

It is very important to follow the label directions when using any chemical cleaner or polish. Read all warning and caution statements that appear on the label.

Finish maintenance

Washing

To help protect your vehicle's finish from rust and deterioration, wash it thoroughly and frequently at least once a month with lukewarm or cold water.

If you use your vehicle for off-road driving, you should wash it after each off-road trip. Pay special attention to the removal of any accumulation of salt, dirt, mud, and other foreign materials. Make sure the drain holes in the lower edges of the doors and rocker panels are kept clear and clean.

Insects, tar, tree sap, bird droppings, industrial pollution and similar deposits can damage your vehicle's finish if not removed immediately.

Even prompt washing with plain water may not completely remove all these deposits. A mild soap, safe for use on painted surfaces, should be used.

After washing, rinse the vehicle thoroughly with lukewarm or cold water. Do not allow soap to dry on the finish.

High-pressure washing

- When using high-pressure washers, make sure to maintain sufficient distance from the vehicle.
Insufficient clearance or excessive pressure can lead to component damage or water penetration.
- Do not spray the camera, sensors or its surrounding area directly with a high pressure washer. Shock applied from high pressure water may cause the device to not operate normally.
- Do not bring the nozzle tip close to boots (rubber or plastic covers) or connectors as they may be damaged if they come into contact with high pressure water.
- Do not remove snow or ice using high pressure washing.
- Noise may occur when operating the window after washing. We recommend operating the window after removing moisture from the rubber parts around the window.

WARNING

After washing the vehicle, test the brakes whilst driving slowly to see if they have been affected by water before getting on the road. If braking performance is impaired, dry the brakes by applying them lightly whilst maintaining a slow forward speed.

NOTICE

- Do not use strong soap, chemical detergents or hot water, and do not wash the vehicle in direct sunlight or when the body of the vehicle is warm.
- Be careful when washing the side windows of your vehicle.
- Especially, with high-pressure water, water may leak through the windows and wet the interior.
- To prevent damage to the plastic parts, do not clean with chemical solvents or strong detergents.

NOTICE



- Water washing in the engine compartment including high pressure water washing may cause the failure of electrical circuits located in the engine compartment.
- Never allow water or other liquids to come in contact with electrical/electronic components inside the vehicle as this may damage them.

NOTICE

Matte paint finish vehicle (if equipped)
Automatic car wash which uses rotating brushes should not be used as this can damage the surface of your vehicle. A steam cleaner which washes the vehicle surface at high temperature may result the oil to adhere and leave stains that is difficult to remove.

Use a soft cloth (for example, microfiber towel or sponge) when washing your vehicle and dry with a microfiber towel. When you hand wash your vehicle, you should not use a cleaner that finishes with wax. If the vehicle surface is too dirty (sand, dirt, dust, contaminant, etc.), clean the surface with water before washing the car.

Waxing

A good coat of wax is a barrier between your paint and contaminate. Keeping a good coat of wax on your vehicle will help protect it.

Wax the vehicle when water will no longer bead on the paint.

Always wash and dry the vehicle before waxing. Use a good quality liquid or paste wax, and follow the manufacturer's instructions. Wax all metal trim to protect it and to maintain its luster.

Removing oil, tar, and similar materials with a spot remover will usually strip the wax from the finish. Be sure to re-wax these areas even if the rest of the vehicle does not yet need waxing.

NOTICE

- Wiping dust or dirt off the body with a dry cloth will scratch the finish.
 - Do not use steel wool, abrasive cleaners, or strong detergents containing highly alkaline or caustic agents on chrome-plated or anodized aluminium parts. This may result in damage to the protective coating and cause discolouration or paint deterioration.
-

NOTICE

Matte paint finish vehicle (if equipped)
Do not use any polish protector such as a detergent, an abrasive and a polish. In case wax is applied, remove the wax immediately using a silicon remover and if any tar or tar contaminant is on the surface use a tar remover to clean. However, be careful not to apply too much pressure on the painted area.

Finish damage repair

Deep scratches or stone chips in the painted surface must be repaired promptly. Exposed metal will quickly rust and may develop into a major repair expense.

NOTICE

If your vehicle is damaged and requires any metal repair or replacement, be sure the body shop applies anti-corrosion materials to the parts repaired or replaced.

NOTICE

Matte paint finish vehicle (if equipped)
In case of matte paint finish vehicles, it is impossible to modify only the damaged area and repair of the whole part is necessary. If the vehicle is damaged and painting is required, we recommend that you have your vehicle maintained and repaired by an authorised Genesis repairer. Take extreme care, as it is difficult to restore the quality after the repair.

Bright-metal maintenance

- To remove road tar and insects, use a tar remover, not a scraper or other sharp object.
- To protect the surfaces of bright metal parts from corrosion, apply a coating of wax or chrome preservative and rub to a high luster.
- During winter weather or in coastal areas, cover the bright metal parts with a heavier coating of wax or preservative. If necessary, coat the parts with non-corrosive petroleum jelly or other protective compound.

Underbody maintenance

Corrosive materials used for ice and snow removal and dust control may collect on the underbody. If these materials are not removed, accelerated rusting can occur on underbody parts such as the fuel lines, frame, floor pan and exhaust system, even though they have been treated with rust protection.

Thoroughly flush the vehicle underbody and wheel openings with lukewarm or cold water once a month, after off-road driving and at the end of each winter. Pay special attention to these areas because it is difficult to see all the mud and dirt. It will do more harm than good to wet down the road grime without removing it. The lower edges of doors, rocker panels, and frame members have drain holes that should not be allowed to clog with dirt; trapped water in these areas can cause rusting.

WARNING

After washing the vehicle, test the brakes whilst driving slowly to see if they have been affected by water. If braking performance is impaired, dry the brakes by applying them lightly whilst maintaining a slow forward speed.

Aluminium wheel maintenance

The aluminium wheels are coated with a clear protective finish.

- Do not use abrasive cleaner, polishing compound, solvent, or wire brushes on aluminium wheels.
- Clean the wheel when it has cooled.
- Use only a mild soap or neutral detergent, and rinse thoroughly with water. Also, clean the wheels after driving on salted roads.
- Do not wash the wheels with high-speed car wash brushes.
- Do not use any cleaners containing acid or alkaline detergents.

Corrosion protection

Protecting your vehicle from corrosion

By using the most advanced design and construction practices to combat corrosion, Genesis Vehicle produces vehicles of the highest quality. However, this is only part of the job. To achieve the long-term corrosion resistance your vehicle can deliver, the owner's cooperation and assistance is also required.

Common causes of corrosion

The most common causes of corrosion on your vehicle are:

- Road salt, dirt and moisture that is allowed to accumulate underneath the vehicle.
- Removal of paint or protective coatings by stones, gravel, abrasion or minor scrapes and dents which leave unprotected metal exposed to corrosion.

High-corrosion areas

If you live in an area where your vehicle is regularly exposed to corrosive materials, corrosion protection is particularly important. Some of the common causes of accelerated corrosion are road salts, dust control chemicals, ocean air and industrial pollution.

Moisture breeds corrosion

Moisture creates the conditions in which corrosion is most likely to occur. For example, corrosion is accelerated by high humidity, particularly when temperatures are just above freezing. In such conditions, the corrosive material is kept in contact with the vehicle surfaces by moisture that is slow to evaporate.

Mud is particularly corrosive because it is slow to dry and holds moisture in contact with the vehicle. Although the mud appears to be dry, it can still retain moisture and promote corrosion.

High temperatures can also accelerate corrosion of parts that are not properly ventilated so the moisture can be dispersed. For all these reasons, it is particularly important to keep your vehicle clean and free of mud or accumulations of other materials. This applies not only to the visible surfaces but particularly to the underside of the vehicle.

To help prevent corrosion

Keep your vehicle clean

The best way to prevent corrosion is to keep your vehicle clean and free of corrosive materials. Attention to the underside of the vehicle is particularly important.

- If you live in a high-corrosion area - where road salts are used, near the ocean, areas with industrial pollution, acid rain, etc.-, you should take extra care to prevent corrosion. In winter, hose off the underside of your vehicle at least once a month and be sure to clean the underside thoroughly when winter is over.
- When cleaning underneath the vehicle, pay particular attention to the components under the fenders and other areas that are hidden from view. Do a thorough job; just dampening the accumulated mud rather than washing it away will accelerate corrosion rather than prevent it. Water under high pressure and steam are particularly effective in removing accumulated mud and corrosive materials.
- When cleaning lower door panels, rocker panels and frame members, be sure that drain holes are kept open so that moisture can escape and not be trapped inside to accelerate corrosion.

Keep your garage dry

Don't park your vehicle in a damp, poorly ventilated garage. This creates a favorable environment for corrosion. This is particularly true if you wash your vehicle in the garage or drive it into the garage when it is still wet or covered with snow, ice or mud. Even a heated garage can contribute to corrosion unless it is well ventilated so moisture is dispersed.

Keep paint and trim in good condition

Scratches or chips in the finish should be covered with "touch-up" paint as soon as possible to reduce the possibility of corrosion. If bare metal is showing through, the attention of a qualified body and paint shop is recommended.

Bird droppings are highly corrosive and may damage painted surfaces in just a few hours. Always remove bird droppings as soon as possible.

Interior care

Interior general precautions

Prevent caustic solutions such as perfume and cosmetic oil, from contacting the interior parts because they may cause damage or discolouration. If they do contact the interior parts, wipe them off immediately. See the instructions for the proper way to clean vehicle interior surfaces.

NOTICE

- Never allow water or other liquids to come in contact with electrical/electronic components inside the vehicle as this may damage them.
 - When cleaning leather products (steering wheel, seats etc.), use neutral detergents or low alcohol content solutions. If you use high alcohol content solutions or acid/alkaline detergents, the colour of the leather may fade or the surface may get stripped off.
-

Cleaning the upholstery and interior trim

Vehicle interior surfaces

Remove dust and loose dirt from interior surfaces with a whisk broom or a vacuum cleaner.

If necessary, clean interior surfaces with a mixture of warm water and mild non-detergent cleaner (test all cleaners on a concealed area before use).

Fabric

Remove dust and loose dirt from fabric with a whisk broom or vacuum cleaner. Clean with a mild soap solution recommended for upholstery or carpets. Remove fresh spots immediately with a fabric spot cleaner. If fresh spots do not receive immediate attention, the fabric can be stained and its colour can be affected. Also, its fire-resistant properties can be reduced if the material is not properly maintained.

NOTICE

Using anything but recommended cleaners and procedures may affect the fabric's appearance and fire-resistant properties.

Leather

- Features of seat leather
 - Leather is made from the outer skin of an animal, which goes through a special process to be available for use. Since it is a natural product, each part differs in thickness or density. Wrinkles may appear as a natural result of stretching and shrinking depending on the temperature and humidity.
 - The seat is made of stretchable fabric to improve comfort.
 - The parts contacting the body are curved and the side supporting area is high which provides driving comfort and stability.
 - Wrinkles may appear naturally from usage. It is not a fault of the products.

NOTICE

- Wrinkles or abrasions which appear naturally from usage are not covered by warranty.
- Belts with metallic accessories, zippers or keys inside the back pocket may damage the seat fabric.
- Make sure not to wet the seat. It may change the nature of natural leather.
- Jeans or clothes which could bleed may contaminate the surface of the seat covering fabric.

- Caring for the leather seats
 - Vacuum the seat periodically to remove dust and sand on the seat. It will prevent abrasion or damage of the leather and maintain its quality.
 - Wipe the natural leather seat cover often with dry or soft cloth.
 - Use of proper leather protector may prevent abrasion of the cover and helps maintain the colour. Be sure to read the instructions and consult a specialist when using leather coating or protective agent.
 - Light coloured (beige, cream beige) leather is easily contaminated and the stain is noticeable. Clean the seats frequently.
 - Avoid wiping with wet cloth. It may cause the surface to crack.
- Cleaning the leather seats
 - Remove all contaminations instantly. Refer to instructions below for removal of each contaminant.
 - Cosmetic products (sunscreen, foundation, etc.)
Apply cleansing cream on a cloth and wipe the contaminated spot. Wipe off the cream with a wet cloth and remove water with a dry cloth.
 - Beverages (coffee, soft drink, etc.)
Apply a small amount of neutral detergent and wipe until contaminations do not smear.
 - Oil
Remove oil instantly with absorbable cloth and wipe with stain remover used only for natural leather.
 - Chewing gum
Harden the gum with ice and remove gradually.

- Handling prime napa leather
Try to avoid excessive sunlight and heat exposure. Excessive sunlight and heat exposure naturally fades and dries out napa leather, causing wrinkles and discolouration. If the napa leather is wet with liquid, immediately clean it with lint-free cloth to minimise damage. Do not scratch the napa leather surface with a sharp object. If your napa leather seat is bright coloured, it may be contaminated or stained from dyed materials such as jeans.

Interior wooden trim

- Use a wooden furniture protector (for example, wax, coating compound) to clean the interior wooden trim.
- Often wipe the interior wooden trim with a lint-free, clean cloth to maintain the unique wooden textures for a longer period of time.
- If you spill beverage (for example, water, coffee) over the interior wooden trim, immediately wipe it with clean, dry cloth.
- Sharp objects (for example, driver, knife), adhesive materials, or tapes may damage the interior wooden trim.
- Any strong impacts may damage the interior wooden trim.
- If the coating finish over the interior wooden trim is removed, moisture may damage or change wood traits.
- If the interior wooden trim is damaged, you may get a splinter from the wood surface. Therefore, you should immediately replace the damaged interior wooden trim. We recommend that you contact an authorised Genesis repairer.

Cleaning the seat belt webbing

Clean the belt webbing with any mild soap solution recommended for cleaning upholstery or carpet. Follow the instructions provided with the soap. Do not bleach or re-dye the webbing because this may weaken the seat belt.

Cleaning the interior window glass

If the interior glass surfaces of the vehicle become fogged (that is, covered with an oily, greasy or waxy film), they should be cleaned with glass cleaner. Follow the directions on the glass cleaner container.

NOTICE

Do not scrape or scratch the inside of the rear window. This may result in damage to the rear window defroster grid.

Emission control system

The emission control system of your vehicle is covered by a written limited warranty. Please see the warranty information contained in the Service Passport in your vehicle.

Your vehicle is equipped with an emission control system to meet all Australian Design Rules (ADR) requirements. There are three emission control systems which are as follows.

- Crankcase emission control system
- Evaporative emission control system
- Exhaust emission control system

In order to ensure the proper function of the emission control systems, it is recommended that you have your vehicle inspected and maintained by an authorised Genesis repairer in accordance with the maintenance schedule in this manual.

NOTICE

For the Inspection and Maintenance Test (with Electronic Stability Control (ESC) system)

- To prevent the vehicle from misfiring during dynamometer testing, turn the Electronic Stability Control (ESC) system off by pressing the ESC switch (ESC OFF light illuminated).
- After dynamometer testing is completed, turn the ESC system back on by pressing the ESC switch again.

Crankcase emission control system

The positive crankcase ventilation system is employed to prevent air pollution caused by blow-by gases being emitted from the crankcase. This system supplies fresh filtered air to the crankcase through the air intake hose. Inside the crankcase, the fresh air mixes with blow-by gases, which then pass through the PCV valve into the induction system.

Evaporative emission control system

The Evaporative Emission Control System is designed to prevent fuel vapours from escaping into the atmosphere.

Canister

Fuel vapours generated inside the fuel tank are absorbed and stored in the onboard canister. When the engine is running, the fuel vapours absorbed in the canister are drawn into the surge tank through the purge control solenoid valve.

Purge Control Solenoid Valve (PCSV)

The purge control solenoid valve is controlled by the Engine Control Module (ECM); when the engine coolant temperature is low during idling, the PCSV closes so that evaporated fuel is not taken into the engine. After the engine warms-up during ordinary driving, the PCSV opens to introduce evaporated fuel to the engine.

Exhaust emission control system

The Exhaust Emission Control System is a highly effective system which controls exhaust emissions whilst maintaining good vehicle performance.

When the engine starts or fails to start, excessive attempts to restart the engine may cause damage to the emission system.

Engine exhaust (carbon monoxide) precautions

- Carbon monoxide can be present with other exhaust fumes. If you smell exhaust fumes of any kind in your vehicle, drive with all the windows fully open. Have your vehicle checked and repaired immediately.

WARNING

Engine exhaust gases contain carbon monoxide (CO). Though colourless and odourless, it is dangerous and could be lethal if inhaled. Follow the instructions on this page to avoid CO poisoning.

- Do not operate the engine in confined or closed areas (such as garages) any more than what is necessary to move the vehicle in or out of the area.
- When the vehicle is stopped in an open area for more than a short time with the engine running, adjust the ventilation system (as needed) to draw outside air into the vehicle.
- Never sit in a parked or stopped vehicle for any extended time with the engine running.
- When the engine stalls or fails to start, excessive attempts to restart the engine may cause damage to the emission control system.

Operating precautions for catalytic converters

⚠ WARNING

The exhaust system and catalytic converter are very hot during and immediately after the engine has been running. To avoid **SERIOUS INJURY** or **DEATH**:

- Do not park, idle, or drive the vehicle over or near flammable objects, such as grass, vegetation, paper, leaves, etc. A hot exhaust system can ignite flammable items under your vehicle.
- Keep away from the exhaust system and catalytic converter or you may get burned.

Also, do not remove the heat sink around the exhaust system, do not seal the bottom of the vehicle, and do not coat the vehicle for corrosion control. It may present a fire risk under certain conditions.

- Do not modify or tamper with any part of the engine or emission control system. We recommend that all inspections and adjustments must be made by an authorised Genesis repairer.
- Avoid driving with an extremely low fuel level.

Running out of fuel could cause the engine to misfire, damaging the catalytic converter.

Your vehicle is equipped with a catalytic converter emission control device. To prevent damage to the catalytic converter and to your vehicle, take the following precautions:

- Use only **UNLEADED FUEL** for petrol engines.
- Do not operate the vehicle when there are signs of engine malfunction, such as misfire or a noticeable loss of performance.
- Do not misuse or abuse the engine. Examples of misuse are coasting with the engine off and descending steep grades in gear with the engine off.
- Do not operate the engine at high idle speed for extended periods (5 minutes or more).

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