



GENESIS G90



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GENESIS seeks luxury that is not merely aesthetic, but which adds value and meaning to our everyday experiences.

GENESIS makes your first encounters with cutting-edge technologies a pleasant experience by making it hassle-free and user-friendly.

Discover luxury as you work, enjoy, relax and connect with others.





FUTURISTIC LUXURY

As the flagship of the GENESIS brand, GENESIS G90 redefines luxury. It is the ultimate flagship sedan, with futuristic designs and exceptional in-car experiences.



DESIGN

GENESIS G90

GENESIS G90 is the most elegant interpretation of GENESIS' design identity, ATHLETIC ELEGANCE. The new Crest Grille and sharp two-lined headlamps resemble the brand's emblem. The sleek parabolic side lines and the strong, well-balanced rear redefine luxury design.





Verbier white



A Clamshell Hood gives a sleek impression by using a single panel that combines the hood and fenders in order to eliminate panel gaps. Elegant yet voluptuous wheel designs add to the luxurious image of the GENESIS G90. The MLA (Micro Lens Array) headlamps feature the thinnest two-line design lamps by GENESIS, delivering a high-tech luxury design based on precision technology.



Urban brown/glacier white two-tone (signature design selection (forged carbon metal G-MATRIX pattern))



Urban brown/glacier white two-tone (signature design selection (forged carbon metal G-MATRIX pattern))

The electronic dial-type Shift-By-Wire renders GENESIS' unique G-MATRIX patterns into real glass, resembling an exquisite piece of jewelry. The elegant seat quilting designs and the forged carbon metal G-MATRIX patterns on the door trims enhance the interior's lounge-like feeling.

* G-MATRIX pattern: GENESIS' unique pattern inspired by the dazzling diffusion of light in a diamond.



Urban brown/glacier white two-tone (signature design selection (forged carbon metal G-MATRIX pattern))

DESIGN

GENESIS G90 LONG WHEEL BASE

Differentiated designs on the front and rear bumpers add to a luxurious image.
The extended rear-seat doors, C-pillar and exclusive 20" wheels are special features available only on the GENESIS G90 LONG WHEEL BASE.



Capri blue (GENESIS G90 LONG WHEEL BASE)



Enjoy the comfort of a lounge in the rear seat area with optimal seat designs and a 4-way power leg rest. This comfortable atmosphere can only be found in a GENESIS G90 LONG WHEEL BASE, which has semi-aniline leather seats and exquisite seat quilting patterns.



TECHNICAL FEATURES

CONVENIENCE

State-of-the-art convenience features applied to the driver's seat and the rear seats provide maximum satisfaction. An infotainment system based on digital interfaces increases the pleasure of driving. In addition, the newly-applied mood curator and Virtual Venue create a wide array of interior moods.



Mood curator _

Creates four different moods (vitality, delight, care, comfort) via integrated control of the vehicle's audio system, fragrance, ambient lights, curtains, and massage function.

CONTENTS OF THE CLUSTER, GPS NAVIGATION AND HEAD-UP DISPLAY ARE SEAMLESSLY CONNECTED TO DELIVER INFORMATION MORE EFFECTIVELY.



01. **GENESIS infotainment system** _ A next-generation infotainment system—the connected car Integrated Cockpit (ccIC)—links the contents of the cluster, GPS navigation and Head-Up Display to deliver information more effectively, while the cluster and GPS navigation are merged into one panoramic display. The 12.3” cluster displays key information necessary for safe driving, such as a map, GPS navigation (normal/augmented reality mode) or advanced driver assistance systems, while the screen on the right splits to show selective driving information, radio, phone and media.

- | | |
|---|--------------------------------------|
| 1 | 12.3” cluster view and navigation |
| 2 | 1. Augmented reality navigation view |
| 3 | 2. Map view |
| | 3. Driver assistance view |

02. 03. **Head-Up Display (HUD)** _ Shows GPS navigation contents, as well as Advanced Driver Assistance System, phone, voice recognition, and media contents.

Fingerprint authentication system _ Users can setup and select their customized user profiles, check recent destinations and access the infotainment system settings.

ADVANCED CONVENIENCE FEATURES PROVIDE NEW USER EXPERIENCES
THAT ARE SENSITIVE TO THE EMOTIONAL AND PHYSICAL WELL-BEING OF PASSENGERS.



01.
Auto flush door handle _The auto flush door handles are seamlessly hidden while driving or in a parked state, and pop up and unlock the door when the driver approaches or touches the door with the smart key.

02.
Bang & Olufsen premier 3D sound system (23 speakers) & Virtual Venue _ A total of 23 speakers-including headrest/headlining speakers and an electric pop-up tweeter-provide a delicate yet rich sound. Virtual Venue is a virtual 3D surround sound system that recreates the sound field of famous theaters and home theater systems to deliver live, vivid audio.



03. 04.
GENESIS touch controller _ This enables users to control the various infotainment features conveniently and intuitively via touch or by writing.

Touch-type climate control panel _ Indoor air conditioning can be controlled more conveniently via a touch-type panel.

05.
UV light-sterilized armrest box _ UV-C LED lamps installed inside the storage box of the second row's armrests sterilize personal items (from colon bacillus, staphylococcus aureus, and pneumococcus) up to 99% in 10 minutes.

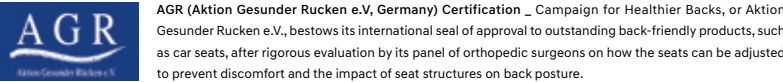
※ According to company test results submitted to and certified by Intertek, a leading total quality assurance provider. Actual results may vary depending on usage conditions.

06.
Easy close system _ After entering the vehicle, drivers no longer have to reach out and pull the door to close it; they can easily close the door by pressing a button on the center console. When exiting the vehicle, passengers just have to push the door lightly while pressing a button on the door trim.

HIGH-TECH SEATS AND INNOVATIVE CONVENIENCE FEATURES PROVIDE CUSTOMIZED COMFORT FOR EVERY PASSENGER.



01.
ERGO relaxing seat _ The 10 air cells on the seatback and two air cells on the cushion provide four massage modes, including a whole body massage. The seats are also linked to vehicle speed, the rear seat's one-step mode, and the mood curator system to ensure optimal seating at all times.



02.
First class VIP seat _ The reclining and sliding functions of the VIP seat-which can be adjusted independently from the other rear seat-are linked, while the reclining function offers ideal tilting options. The connected-type leg rest and foot rest also provide maximum comfort for long drives.



03. 04.
Electric 2nd-row dual monitors _ Rear seat passengers have independent access to 10.2" touch screen monitors, which adjusts the viewing angle according to the seat mode. The screen also shows the route and time left to the destination.

Integrated switch for one-step exclusive mode _ Passengers can control customized settings for the rear seats in one step via an integrated switch.

05.
8" armrest touch screen (ATS) _ Rear seat passengers can control climate control modes, seat positioning, massage modes, curtain settings and lighting via a touch screen monitor on the armrest. The monitor is easy-to-use, with graphics and animations identical to real images of the vehicle.

06.
Leg rest & foot rest _ A connected-type leg rest and foot rest offers ultimate seating comfort. The foot rest has massage features and heating/ventilation functions to help reduce fatigue and provide optimal temperatures for all seasons.

TECHNICAL FEATURES

PERFORMANCE

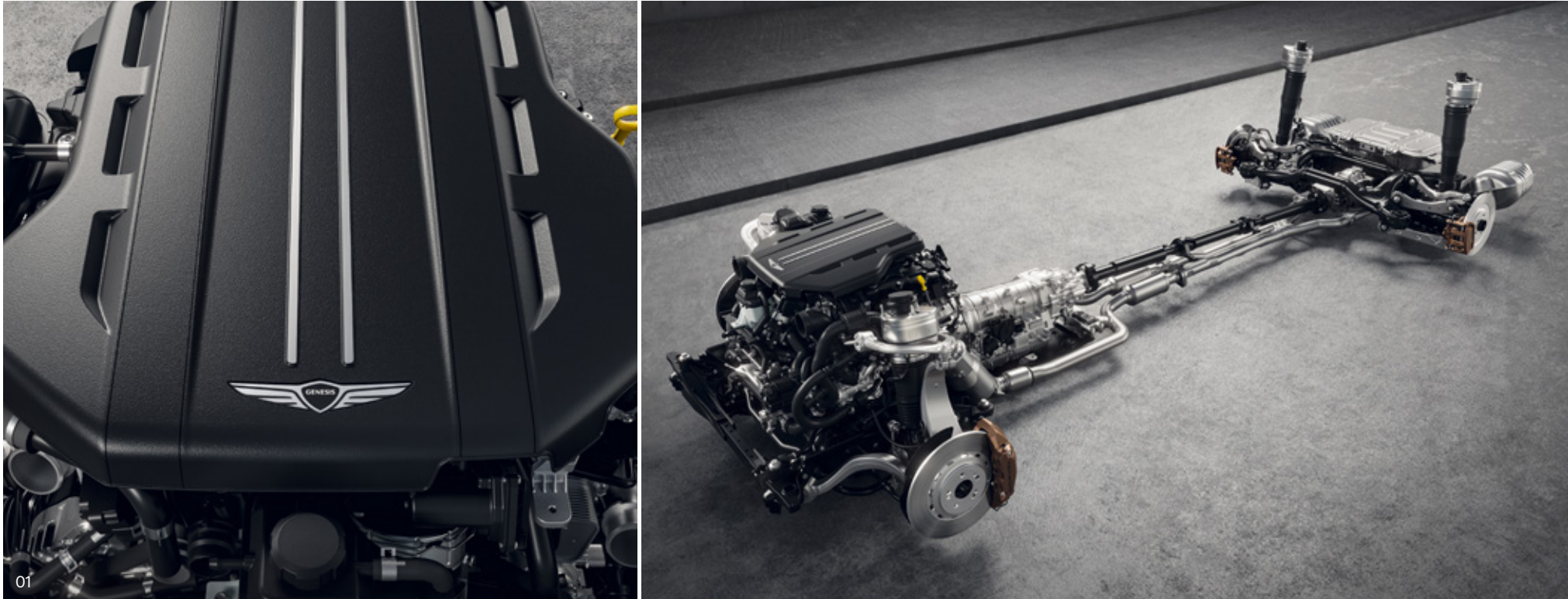
A high-performance engine and 8-speed automatic transmission delivers a powerful yet smooth ride. Multi chamber air suspension, a new suspension technology, combined with Rear Wheel Steering and brake mode, offer a stable and quiet ride under any road condition.

8-speed automatic transmission / Shift-by-Wire (SBW) _

Located at the most convenient place for the driver, the electronic shift-by-wire offers a smooth transition of gears. It also renders GENESIS' unique G-MATRIX patterns into real glass, resembling an exquisite piece of jewelry.



SELECT THE DRIVING MODE OF YOUR CHOICE AND ENJOY A POWERFUL YET SAFE AND QUIET RIDE.



01.
3.5 turbo gasoline engine _ Dynamic driving is achieved with solid power and torque, while the air-to-water intercooler improves fuel economy and responsiveness.

380 Maximum output
PS/5,800rpm

54.0 Maximum torque
kgf-m/1,300~4,500rpm

02.
3.5 turbo gasoline engine 48V electric supercharger _ An air-to-water intercooler system using an electric supercharger improves the vehicle's low and medium speed performance; its recharging capabilities via regenerative braking; and its responsiveness to torque assist, providing optimal performance.

415 Maximum output
PS/5,800rpm

56.0 Maximum torque
kgf-m/1,300~4,500rpm



03.
Drive mode control system _ Drivers can switch between Comfort, Eco, Sport, or Custom driving modes according to preferences or driving conditions. From the smooth ride of the comfort mode to the powerful acceleration of the sports mode and to the fuel efficient eco mode, GENESIS G90 is ready to deliver optimal driving for any situation.

04.
Active Noise Control-Road (ANC-R) _ This system cancels road noise that enters the cabin by sending inverted sound waves, reducing road noise and increasing tranquility in the cabin.

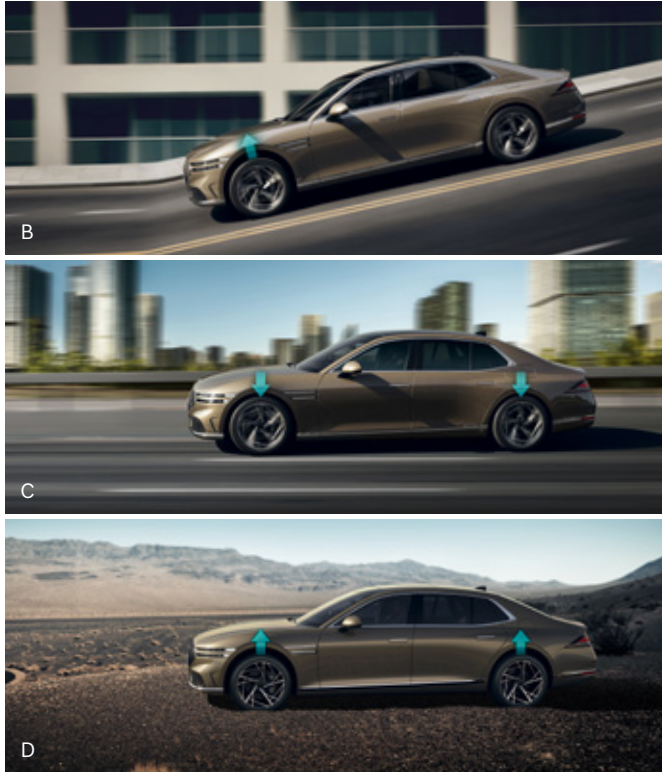
05. 06.
Double-jointed soundproof glass _ An acoustic film inserted between two layers of glass prevent high frequency noises (that occur while driving) from entering the cabin.

10-airbag system _ Front seat advanced airbags, driver knee airbags, front seat center side airbag, front and rear seat side airbags and rollover curtain airbags protect all those on board.

STATE-OF-THE-ART DRIVING TECHNOLOGY REACTS ACTIVELY TO ROAD SURFACE CHANGES TO PROVIDE A SMOOTH RIDE.



01. **Multi chamber air suspension** _ New suspension technology to alter the height of the vehicle and a multi chamber method was applied to achieve a smoother ride and dynamic handling performance. When facing a bump ahead, the air suspension system adjusts the height and damping force. When driving downhill or on rough roads, the system heightens the vehicle to prevent damage to the underbody and secure stability. When driving at high-speeds, it improves safety and stability.



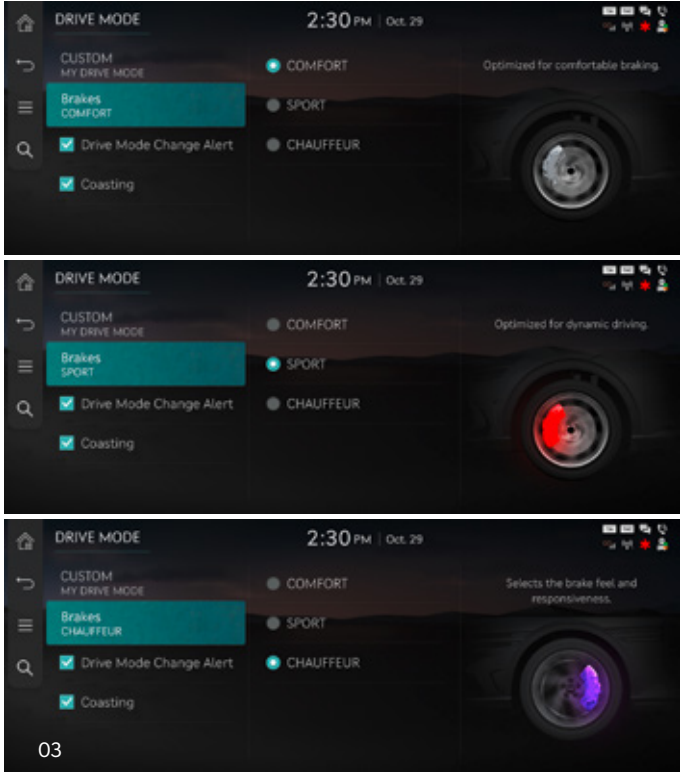
A	B	A. Bump control
	C	B. Downhill control
	D	C. Highway control

D. Rough road control



02. **Rear Wheel Steering (RWS)** _ Coupled with the front wheel steering, this system actively controls the rear wheel steering angle depending on the driving conditions. During low-speed cornering, the rear wheels are steered in the opposite direction of the front wheels to reduce the steering radius. During mid-or high-speed cornering, the rear wheels are steered in the same direction as the front wheels to reduce body slip.

AWD system _ This function automatically senses slippery or unstable driving conditions that even the driver may not detect and proactively balances power between the front and rear wheels to ensure stability at all times.



03. **Brake mode** _ Drivers can choose between three brake modes: Comfort mode aims for comfortable and stable braking; Sport mode seeks to deliver quick responsiveness and sporty braking; and the new Chauffeur mode pursues optimal comfort for the rear seat passengers.

TECHNICAL FEATURES

INTELLIGENCE

GENESIS G90 is equipped with the latest driver assist systems to increase vehicle reliability and safety, such as the advanced autonomous driving technology.

Hands On Detection (HOD) _

Electric currents are detected when the driver touches the steering wheel, confirming that the driver is gripping the wheel. Some warnings issued by the advanced driver assistance systems can easily be deactivated by a light touch of the wheel.



Obsidian black/bordeaux brown two-tone (signature design selection (news paper crown wood))

ADVANCED DRIVER ASSISTANCE SYSTEMS ENSURE THE SAFETY OF PEOPLE INSIDE AND OUTSIDE THE VEHICLE.



01.
Forward Collision-Avoidance Assist (FCA) system _ When a collision risk with a vehicle/pedestrian/bicycle ahead is detected, this system warns the driver and, if necessary, helps to control the brake to avoid a collision. When there is a collision risk with vehicles approaching from left/right sides of an intersection, it automatically assists in braking. It also assists in steering if there is a collision risk when changing lanes.



02.
Blind-Spot Collision-Avoidance Assist (BCA) system _ When the turn signals are operated to change lanes, this system warns the driver if there is a collision risk with a vehicle in the back. If the collision risk increases after the warning, it applies emergency braking. If a possible collision is detected while the vehicle is leaving a parallel-parked position, the system automatically helps to activate the brakes.

03.
Blind-Spot View Monitor (BVM) system _ When the turn signals are activated, video images of the respective side/rear view of the vehicle appear on the center cluster.



04.
Lane Keeping Assist (LKA) system _ It warns the driver when the vehicle departs from its lane without the use of turn signals and automatically helps steering to keep the vehicle in its lane.



Lane Following Assist (LFA) system _ This helps assist steering to keep the vehicle centered in its current lane.

GENESIS G90'S SAFETY FEATURES WILL PROTECT YOU IN DIFFICULT PARKING OR DRIVING SITUATIONS.



01.
Remote Smart Parking Assist (RSPA) (Wide-Angle Camera-Based)
The wide-angle camera based Remote Smart Parking Assist (RSPA) supports perpendicular parking, parallel parking and diagonal parking by recognizing parking lines.

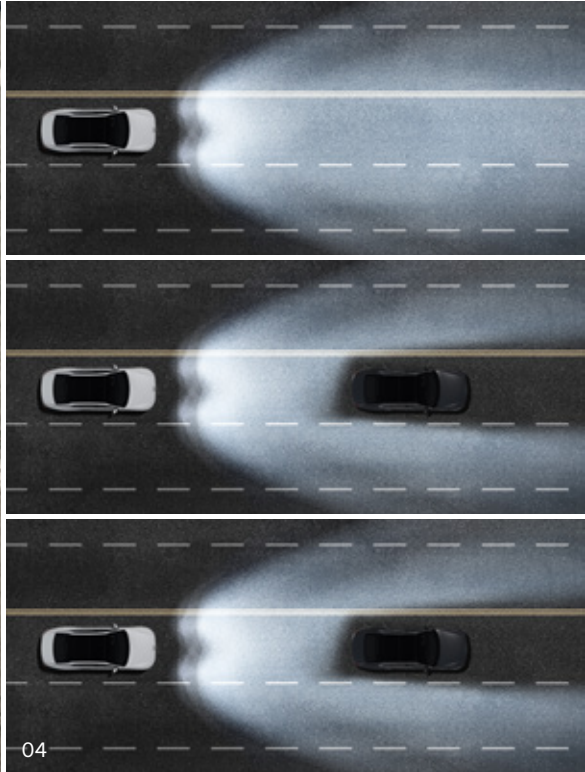


02.
Surround View Monitor (SVM) system _ Video images of the area surrounding the vehicle can be viewed to assist in safe parking.



03.
Parking Collision-Avoidance Assist (PCA) system (front/side/rear) _ It sounds a warning if there is a collision risk with nearby pedestrians or objects while parking or exiting a parking spot. If the risk continues after the warning, it automatically assists in braking.

Rear Cross-Traffic Collision-Avoidance Assist (RCCA) system _ This alerts the driver if there are vehicles approaching from either side while in reverse. If the risk increases it automatically helps braking.



04.
Intelligent Front-Lighting System (IFS) _ This keeps the high beam lights on constantly, automatically deactivating partially when an oncoming vehicle is detected, to prevent glare for the other driver. The same applies to vehicles in front. This makes driving at night easier as the high beam lights don't have to be adjusted manually.



20" dark hyper silver wheels



20" Diamond cut wheels



20" Diamond cut wheels
[Exclusive to GENESIS G90 LONG WHEEL BASE]



Makalu gray (GENESIS G90)



Maui black (GENESIS G90 LONG WHEEL BASE)



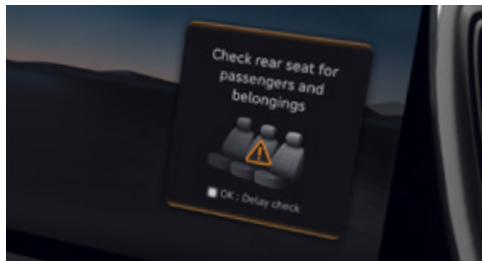
Full LED rear combination lamps



Puddle lamps with GENESIS logo



Auto flush door handles



Rear occupant alert



Wireless smartphone charger (front & rear seats)



Sunroof ambient mood lights



Front seat warming & air cooling ventilation



Rear seat headrest



Ghost door closing



Panorama sunroof



Smart electric trunk



Dual mufflers



Automatic rear door curtains



Electric backlite curtain



Rear seat warming & air cooling ventilation

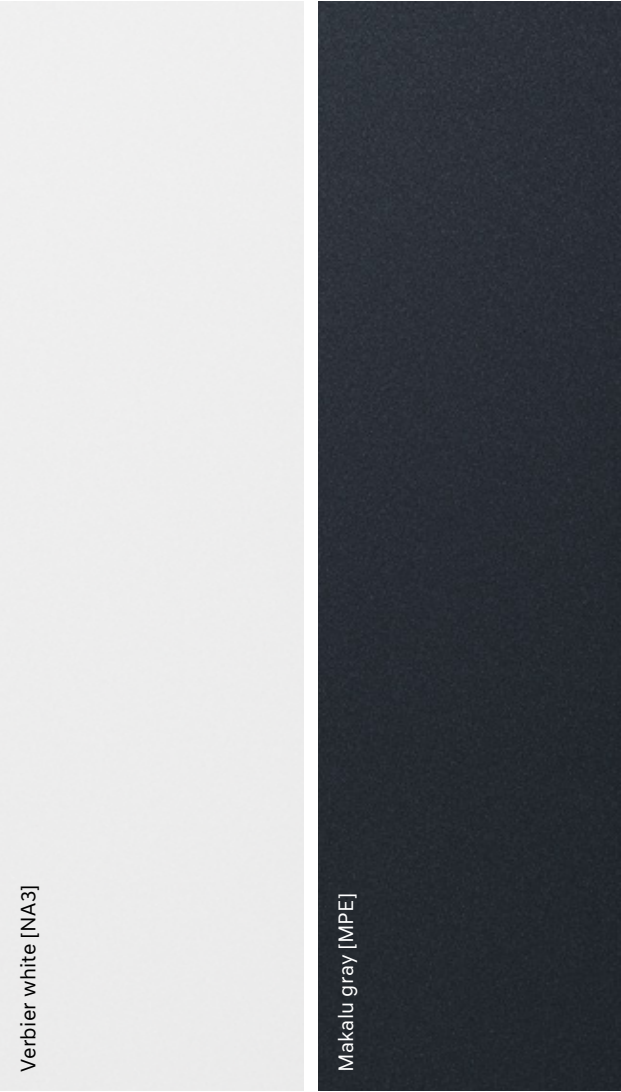


Fragrance cartridge

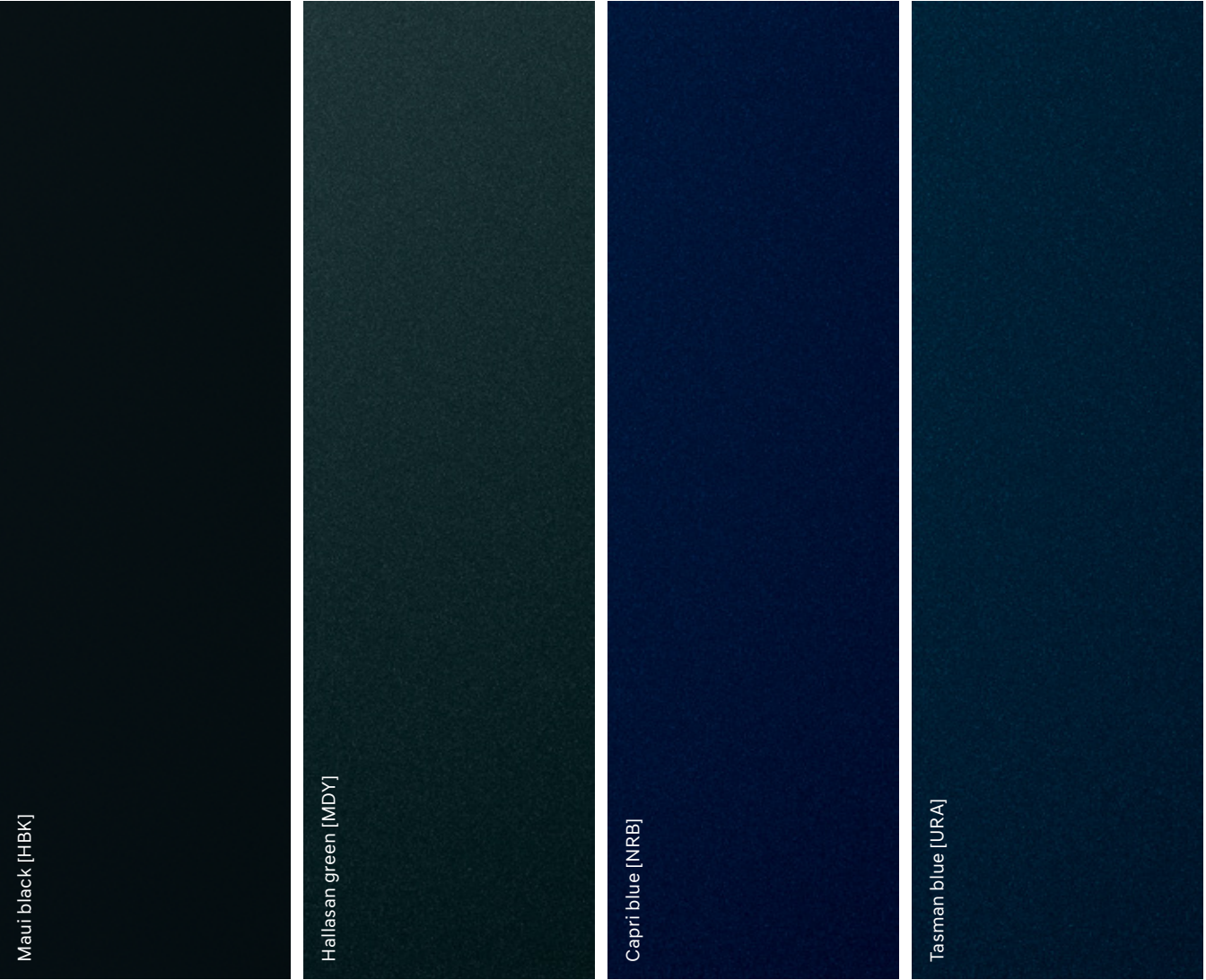
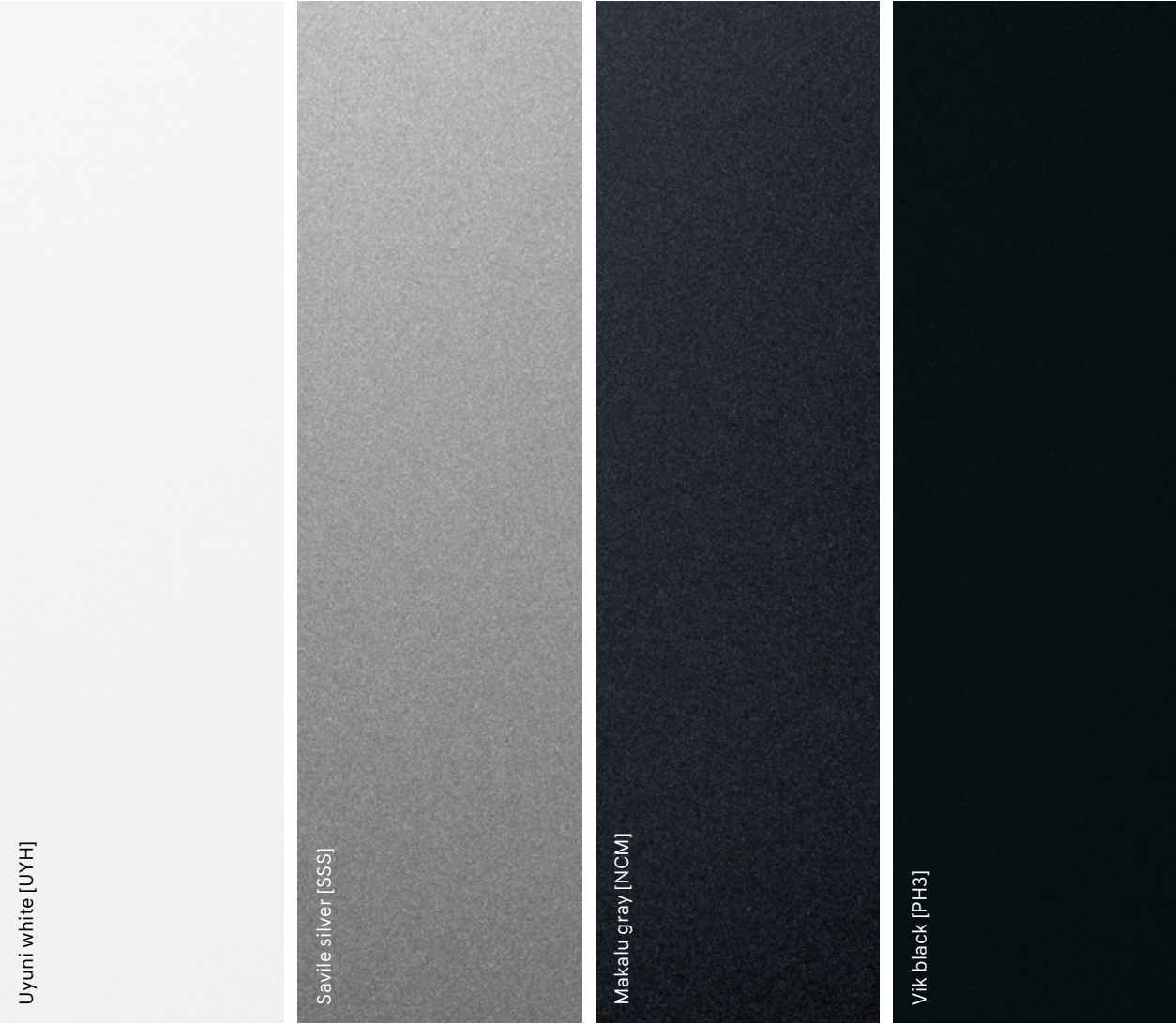
※ Specifications shown in this catalogue are applied differently to each trim and include optional specifications.

EXTERIOR COLORS

MATT



GLOSSY



※ Pearl is minimized in maui black, producing a more natural, black color.
※ A double clear process is added to GENESIS G90 LONG WHEEL BASE's black exterior color, producing a deeper black color.

INTERIOR COLORS [STANDARD DESIGN]

Obsidian black monotone (Obsidian black seats/obsidian black upper door trim)



Obsidian black/bordeaux brown two-tone (Bordeaux brown seats/obsidian black upper door trim)



Urban brown/glacier white two-tone (Glacier white seats/urban brown upper door trim)



Galaxy black/modern gray two-tone (Modern gray seats/galaxy black upper door trim)



Velvet burgundy/dune beige two-tone (Dune beige seats/velvet burgundy upper door trim)



INTERIOR COLORS [SIGNATURE DESIGN SELECTION]

Obsidian black monotone (Obsidian black seats/obsidian black upper door trim)



Obsidian black/bordeaux brown two-tone (Bordeaux brown seats/obsidian black upper door trim)



Urban brown/glacier white two-tone (Glacier white seats/urban brown upper door trim)



Galaxy black/modern gray two-tone (Modern gray seats/galaxy black upper door trim)



Velvet burgundy/dune beige two-tone (Dune beige seats/velvet burgundy upper door trim)



※ Eco-friendly leather using natural dyes is available on the Nappa leather in the signature design selection and the GENESIS G90 LONG WHEEL BASE model's semi aniline leather (natural leather seats available in the standard design).
※ News paper garnish is real wood garnish made by delicately layering recycled new spapers and eco-friendly wood. The print of the news paper can be seen subtly between the layers of wood, creating a unique interior mood.
※ The metal G-MATRIX pattern garnish completes GENESIS' identity: the brand's symbolic two lines and G-MATRIX patterns are crafted in metal and are combined with carbon/wood garnish.

INTERIOR COLORS [GENESIS G90 LONG WHEEL BASE]

Obsidian black monotone (Obsidian black seats/obsidian black upper door trim)



Obsidian black/bordeaux brown two-tone (Bordeaux brown seats/obsidian black upper door trim)



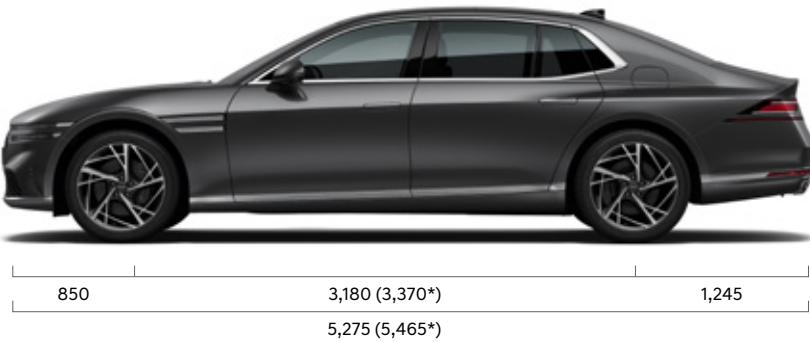
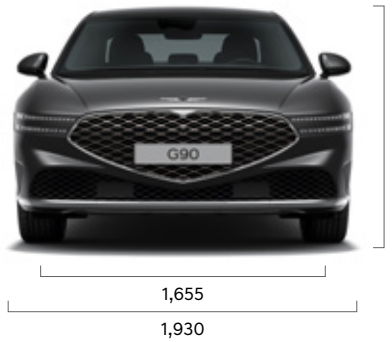
Urban brown/glacier white two-tone (Glacier white seats/urban brown upper door trim)



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※ News paper garnish is real wood garnish made by delicately layering recycled new spapers and eco-friendly wood. The print of the news paper can be seen subtly between the layers of wood, creating a unique interior mood.
※ The metal G-MATRIX pattern garnish completes GENESIS' identity; the brand's symbolic two lines and G-MATRIX patterns are crafted in metal and are combined with carbon/wood garnish.



SPECIFICATIONS



※ unit: mm / wheel tread based on 20"

※ * based on G90 LONG WHEEL BASE

Type	GENESIS G90		GENESIS G90 LONG WHEEL BASE
Overall length (mm)	5,275		5,465
Overall width(mm)	1,930		1,930
Overall height (mm)	1,490		1,490
Wheel base (mm)	3,180		3,370
Front wheel tread (mm)	1,650(19")/1,655(20")		1,655(20")
Rear wheel tread (mm)	1,682(19")/1,660(20")		1,660(20")
Engine type	3.5 T-GDi	3.5 T-GDi e-S/C	3.5 T-GDi e-S/C
Drive train	RWD/AWD	AWD	AWD
Displacment (cc)	3,470	3,470	3,470
Max. Power (PS/rpm)	380/5800	415/5,800	415/5,800
Max. Torque (kgf·m/rpm)	54.0/1,300~4500	56.0/1,300~4,500	56.0/1,300~4,500
Fuel tank capacity (ℓ)	73	73	73

Model	Drive train	Seat	Tire	Curb weight (kg)	Transmission	Grade	CO ₂	Fuel efficiency reported to the government (km/ℓ)		
								City	Highway	Combined
GENESIS G90 3.5 turbo gasoline 48V electric supercharger	RWD	5	20"	2,045	8-speed A/T	5	192	7.7	10.8	8.9
	AWD	5	20"	2,110	8-speed A/T	5	207	7.2	10.1	8.3
GENESIS G90 LONG WHEEL BASE 3.5 turbo gasoline 48V electric supercharger	AWD	4	20"	2,345	8-speed A/T	5	209	7.1	10.0	8.2
		5	20"	2,295	8-speed A/T	5	209	7.1	10.0	8.2

GENESIS PREMIUM CAR CARE

There is no stress for car management. Our accumulated know-hows and infrastructure will ensure every driver to have a safe driving experience.

-  5 Years Unlimited Km Manufacturer Warranty
-  5 Years/100,000 Km Service Contract
-  5 Years Roadside Assistance Service

Maintain constant speeds for driving efficiency. | Fuel efficiency figures are for standard mode. Actual figures may vary depending on factors such as road conditions, driving patterns, vehicle load, ambient temperature, and maintenance status.

