



2017 G90

Product Reference Guide



GENESIS

Key Features

“Genesis Complete Confidence”

Safety Technology

- 9 Airbags
- Vehicle Stability Management System:
 - Electronic Stability Control
 - Traction Control System
 - Anti-lock Braking System
 - Electronic Brake-force Distribution
 - Brake Assist
- Driver Attention Alert
- Automatic Emergency Braking w/ Pedestrian Detection
- Smart Blind Spot Detection w/ Rear Cross-traffic Alert & Lane Change Assist
- Lane Keep Assist

Powertrain Technology

- 3.3-liter twin turbocharged direct-injection V6 engine
- 5.0-liter direct-injection V8 engine
- 8-speed SHIFTRONIC® automatic transmission
- HTRAC® All-wheel Drive (optional)
- Intelligent Drive Mode w/ Smart Shift – Smart, Eco, Sport & Individual Mode
- EPA Estimated Fuel Economy:
 - 17 city / 24 highway / 20 combined (3.3L RWD)
 - 17 city / 24 highway / 20 combined (3.3L AWD)
 - 16 city / 24 highway / 19 combined (5.0L RWD)
 - 15 city / 23 highway / 18 combined (5.0L AWD)

Comfort and Convenience

- Lexicon® 7.1 surround-sound audio system with 17 speakers, Quantum Logic® Surround, and Clari-Fi™ Music Restoration Technology
- 12.3-inch HD navigation system with Driver Information System multimedia controller
- Genesis Connected Services (Blue Link®)
- Wireless charger for Qi compatible devices
- Heated and ventilated front seats with memory
- 22-way power driver's seat and 16-way power front passenger's seat
- 14-way power right rear seat and 12-way power left rear seat (5.0 Ultimate)
- Hands-free smart trunk w/ auto open
- LED headlights w/ Dynamic Bending Light (5.0 Ultimate)
- Approach lights w/ “Genesis” logo
- Three-zone Automatic Temperature Control
- Multi-view camera system
- Smart Cruise Control with stop/start
- 7-inch color LCD Multi-Information Display
- Heads-up Display

SHIFTRONIC is a registered trademark of Hyundai Motor America.

Lexicon is a registered trademark of Harman International Industries, Inc.

2017 G90 FEATURES & SPECIFICATIONS

Trim Levels and Packages

MODEL CODE	MODELS	MSRP*
E1422R65	G90 3.3T RWD	\$69,050
E1422A65	G90 3.3T AWD	\$71,550
E1452R85	G90 5.0 RWD	\$70,650
E1452A85	G90 5.0 AWD	\$73,150

*MSRP includes destination charges. Tax, title and license fees extra. Actual dealer prices may vary.

2017 G90 Color Chart

Color Name	Interior – Leather Seating Surfaces	
	Black	Beige
Casablanca White	•	•
Caspian Black	•	•
Manhattan Brown	–	•
Santiago Silver	•	–
London Gray	•	–
Patagonia Blue	–	•

MECHANICAL		3.3T Premium	5.0 Ultimate
3.3L Twin Turbocharged Gasoline Direct Injection DOHC 24-valve V6 engine		•	–
5.0L Gasoline Direct Injection DOHC 32-valve V8 engine		–	•
Horsepower (hp @ rpm)		365 @ 6,000 (Premium) TBD @ TBD (Regular)	420 @ 6,000 (Premium) TBD @ TBD (Regular)
Torque (lb.-ft. @ rpm)		376 lb.-ft. @ 1,300-4,500 (Premium) TBD lb.-ft. @ TBD (Regular)	383 lb.-ft. @ 5,000 (Premium) TBD lb.-ft. @ TBD (Regular)
Recommended Fuel		Unleaded/ Unleaded Premium	Unleaded/ Unleaded Premium
Transmission Type	8-speed Electronic Automatic with SHIFTRONIC® and Paddle Shifters	•	•
Intelligent Drive Mode with Smart Shift	Smart, Eco, Sport & Individual Mode	•	•

2017 G90 FEATURES & SPECIFICATIONS

MECHANICAL (Cont'd)		
		3.3T Premium / 5.0 Ultimate
Rear-Wheel Drive		•
HTRAC® All-Wheel Drive		○
4-wheel Disc Anti-lock Brakes		•
Electronic Parking Brake w/ Automatic Vehicle Hold		•
Rack Mounted Motor Driven Power Steering		•
Power Assisted, Vehicle-speed Sensing Steering		•
Turning Diameter (curb to curb, feet)		39.2
Suspension Front	Type	Multi-link
	Stabilizer Bar	25mm
	Genesis Adaptive Control Suspension (GACS)	•
Suspension Rear	Type	Multi-link
	Stabilizer Bar	17mm
	Genesis Adaptive Control Suspension (GACS)	•
Wheels	19-inch Chrome Alloy	•
	Front – 19 x 8.5J	•
	Rear – 19 x 9.5J	•
Tires	Front – P245/45R19	•
	Rear – P275/40R19	•
Spare Tire	19-inch alloy wheel w/ temporary spare tire	•
EXTERIOR		
	3.3T Premium	5.0 Ultimate
HID Xenon Headlights, Auto-leveling, w/ Dynamic Bending Light	•	–
LED Headlights, Auto-leveling, w/ Dynamic Bending Light	–	•
LED Daytime Running Lights	•	•
High Beam Assist	•	•
Bodycolor Heated Power-folding Mirrors with LED Turn Signal Indicators	•	•
Auto-Dimming Side Mirrors	•	•
Approach Lights with “Genesis” Logo	•	•
Forward-view Cornering Camera	•	•
Multi-view Camera	•	•

• = Standard ○ = Factory Option/Option package – = Not available A = Accessory

2017 G90 FEATURES & SPECIFICATIONS

EXTERIOR (Cont'd)		3.3T Premium	5.0 Ultimate
Rearview Camera		•	•
Front and Rear Parking Assistance Sensors		•	•
Wipers, Speed-Sensitive 2-speed w/ Variable Intermittent		•	•
Rain-sensing Wipers with De-icer		•	•
Power Sunroof		•	•
Power Door Closure (all doors)		•	•
Power Trunk Lid		•	•
Hands-free Smart Trunk w/ Auto Open		•	•
INTERIOR			
		3.3T Premium	5.0 Ultimate
Capacity		5 Passengers	
Seating Surfaces	Nappa Leather	•	•
Front Seats	22-way Power Driver Seat with Memory	•	•
	Power Driver-Adjustable Head Restraint	•	•
	Power Driver Seat Cushion Extension and Lumbar Support	•	•
	Power Driver Seat Shoulder and Bolster Support	•	•
	16-way Power Passenger Seat	•	•
	Heated and Ventilated Front Seats	•	•
Rear Seats	40/20/40 Power Reclining Rear Seats (outboard seats)	—	•
	Heated Rear Seats (outboard seats)	•	•
	Ventilated Rear Seats (outboard seats)	—	•
	Power Adjustable Head Restraints (up/down/front/back)	—	•
	Wing-out Manually Adjustable Head Restraints	—	•
	Power Lumbar (outboard seats)	—	•
	Power Shoulder Adjuster (outboard seats)	—	•
	Center Armrest w/ Dual Cupholders and Control Console	•	•

2017 G90 FEATURES & SPECIFICATIONS

INTERIOR (Cont'd)		3.3T Premium	5.0 Ultimate
Head Unit, Speakers & Amplifier	AM/FM/HD Radio®/SiriusXM®/MP3 Lexicon® 7.1 Quantum Logic 7® surround sound system with 17 speakers and Clari-Fi™ Music Restoration Technology	•	•
Navigation	w/ 12.3-inch display, Driver Information System, NavTraffic, SiriusXM® Data Services, Travel Link®, Gracenote	•	•
Driver Information System w/ multimedia controller	Control Radio, Bluetooth®, Navigation, Vehicle Setup and Vehicle Information	•	•
Wireless Charger	Qi compatible devices (front mounted)	•	•
USB/Aux	Center Console Mounted (dual USB charging)	•	•
Bluetooth® Hands-free Phone System		•	•
Genesis Connected Services (Blue Link®)		•	•
Sunvisors	w/ Illuminated Driver and Passenger Vanity Mirror	•	•
Rear Illuminated Vanity Mirrors	Dual	—	•
Shift Knob	Leather-wrapped	•	•
Floor Mats	Carpeted	•	•
Three-zone Automatic Temperature Control		•	•
Rear Compartment Temperature Control		•	•
Rear Seat Heater Ducts		•	•
Leather-wrapped Steering Wheel w/ Paddle Shifters		•	•
Power Tilt & Telescopic Heated Steering Wheel		•	•

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SiriusXM is a registered trademark of Sirius XM Radio Inc. Logic 7 is a registered trademark of Harman International Industries, Incorporated.

iPod is a registered trademark of Apple Inc. Bluetooth is a registered trademark of Bluetooth SIG, Inc. Blue Link is a registered trademark of Hyundai Motor America.

2017 G90 FEATURES & SPECIFICATIONS

INTERIOR (Cont'd)		3.3T Premium	5.0 Ultimate
Meters/Gauges	7-inch color LCD Multi-Information Display	•	•
Smart Cruise Control (w/ stop/start functionality)		•	•
Heads-up Display		•	•
Power Rear Sunshade		•	•
Power Rear Side-Window Sunshades		•	•
Integrated Memory System	Power front seats, outside mirrors, steering column, Heads-up Display	•	•
Rear outboard memory seats		—	•
Trip Computer (Avg. fuel economy, avg. speed, range to empty, trip timer, trip distance)		•	•
Proximity Key with Push-button Start		•	•
Ambient LED Interior Lighting (adjustable w/ 7 colors)		•	•
Auto-Dimming Rearview Mirror with Compass and HomeLink®		•	•
SAFETY/SECURITY			
		All Models	
9 Airbags	Front – Driver and Passenger (2)	•	
	Front – Driver and Passenger Side-impact (2)	•	
	Rear – Side-impact (2)	•	
	Driver Knee (1)	•	
	Side Curtain (2)	•	
Vehicle Stability Management w/ Pre-Collision Warning		•	
Electronic Stability Control System with Traction Control System		•	
Anti-lock Braking System with Electronic Brake-force Distribution		•	
Brake Assist		•	
Driver Attention Alert		•	
Automatic Emergency Braking w/ Pedestrian Detection		•	
Lane Keep Assist		•	
Smart Blind Spot Detection w/ Rear Cross-traffic Alert and Lane Change Assist		•	
Tire Pressure Monitoring System w/ Individual Tire Pressure Indicator		•	

HomeLink is a registered trademark of Gentex Corporation.

2017 G90 FEATURES & SPECIFICATIONS

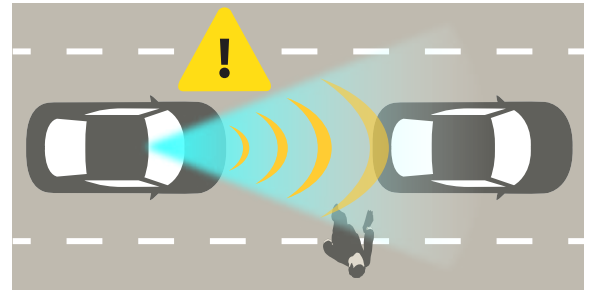
SAFETY/SECURITY (Cont'd)		
	All Models	
NHTSA Overall Crash Ratings	Not Yet Tested	
NHTSA Frontal Crash Ratings (driver/passenger)	Not Yet Tested	
NHTSA Side Crash Ratings (front /rear)	Not Yet Tested	
NHTSA Rollover Rating	Not Yet Tested	
DIMENSIONS/WEIGHTS/CAPACITIES		
	All Models – Inches	
Wheelbase	124.4	
Overall Length	204.9	
Overall Width (excludes mirrors)	75.4	
Overall Height	58.9	
	3.3T Premium	5.0 Ultimate
Curb Weight RWD/AWD (lbs)	4,630/4,784	4,751/4,905
Fuel Tank (gallons)	21.9	
Fuel Economy/EPA-Estimated [‡]	3.3T Premium	5.0 Ultimate
City/Highway/Combined (MPG)	17/24/20 (RWD) 17/24/20 (AWD)	16/24/19 (RWD) 15/23/18 (AWD)

• = Standard ○ = Factory Option/Option package – = Not available A = Accessory

‡ Fuel economy estimated by EPA for comparison only. Your actual mileage may vary with options, driving conditions, driving habits and the vehicle's condition.

Automatic Emergency Braking with Pedestrian Detection

Uses both cameras and radar sensors to “see” what is happening up ahead to help avoid a potential collision or reduce its impact. The system is designed to detect a vehicle or pedestrian and warn the driver of a potential collision. If the driver doesn’t maneuver to avoid impact, the system will apply emergency braking.



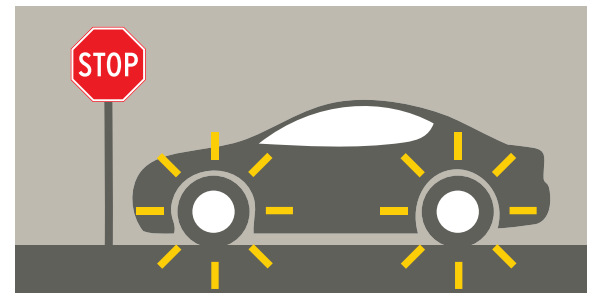
Driver Attention Alert

Monitors the driving position to detect reckless or fatigued driving and recommend that the driver take a break. Displays driving status level in the multi-information display. Analyzes the driving pattern through vehicle signals such as steering angle, steering torque and vehicle position in traffic lane. Attracts driver’s attention with a pop-up message and audible warning suggesting that the driver “consider taking a break.”



Electronic Parking Brake with Automatic Vehicle Hold

When the driver brakes to a stop, the Automatic Vehicle Hold feature helps keep the brakes applied until the driver presses on the accelerator again. This feature holds the vehicle on hills or level ground. When the driver pulls away, Automatic Vehicle Hold will release.



Front and Rear Parking Assistance Sensors

Rear Parking Sensors

Uses sonar sensors in the rear bumper to sense objects near the rear bumper. Activates when the transmission is in Reverse. When an object is within 6 feet, the system sounds warning beeps. The beeps get faster as the vehicle approaches the object. If the object is less than 1 foot away, the warning tone sounds continuously.

- Rear system is automatic

Front Parking Sensors

- Front system must be turned on for use



Hands-free Smart Trunk with Auto Open

Releases the trunk lid automatically when you stand within 3 feet behind the vehicle with the Proximity Key in your possession for more than 3 seconds. This is a convenient feature, especially when your hands are full.



- For “smart” trunk function: all of the doors must be closed and locked for at least 15 seconds and the driver’s proximity key must have left the sensor’s range, at least momentarily (like going into a store)
- Upon returning to the sensor’s range, at the rear of the vehicle, the hazard warning lights will blink and a chime will sound for about 3 seconds to alert you the Proximity Key has been detected and the trunk will unlatch
- There’s no need to kick or wave your foot to get the trunk to open like some other vehicles on the market

Heads-up Display

Displays all of the relevant information in the driver’s line of sight.

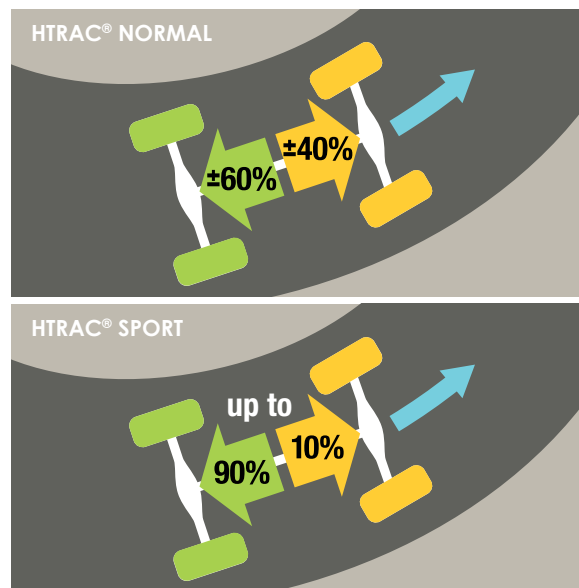
- Speed, cruise control, turn-by-turn navigation, Lane Departure Warning, Blind Spot Detection, Forward Collision Warning and speed limit can all be projected in the driver’s line of sight – projected items can be turned on and off
- Heads-up Display viewing position and settings are linked into the Integrated Memory System



HTRAC® All-Wheel Drive (AWD)

Available on G90 AWD – this “smart” all-wheel drive system distributes power to all four wheels for the best traction. In addition, while delivering all-weather performance, HTRAC® is also programmed to optimize performance-oriented dry-pavement driving.

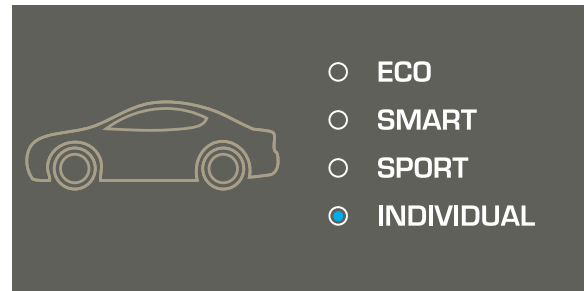
- All modes are programmed in concert with G90’s Intelligent Drive Mode, which alters the steering, transmission, throttle, and Electronic Stability Control/Traction Control System to give you control tailored to each environment and condition
- **Normal and Eco modes** – helps provide confident control in most weather conditions
- **Sport mode** – gives a more agile feel by sending as much as 90% of the available torque to the rear wheels, for a sporty rear-drive dynamic feel
- The system can direct more available torque to the rear wheels during steady-state highway cruising for reduced drivetrain frictional losses and noise to maximize fuel efficiency.
- This system has a wider range of torque distribution variability than many competitive systems and has been tuned to variable conditions such as straight-line acceleration, medium- and high-speed cornering, and hill-starts.



Intelligent Drive Mode with Smart Shift

Driver selectable modes include Eco, Smart, Sport and Individual.

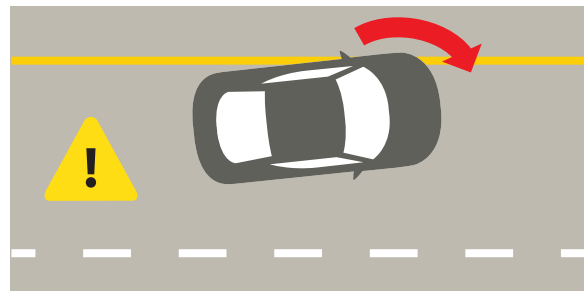
- Drive mode settings change chassis (suspension, steering and Electronic Stability Control) and powertrain (engine/transmission/available AWD) response.
- Genesis proprietary “Smart Shift” technology automatically optimizes the driving mode by detecting and analyzing the driving style (accelerator pedal and steering wheel input) in real time.



Lane Departure Warning

Uses the forward camera mounted ahead of the rearview mirror to recognize lane markers. If the system detects that the vehicle is headed outside the markers, a warning light on the instrument panel flashes and an audible sound also alerts the driver.

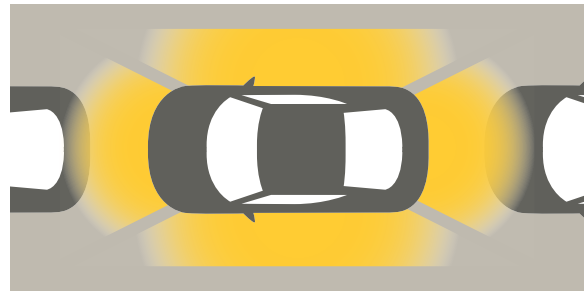
Lane Keep Assist works with Lane Departure Warning to provide a driver-adjustable level of steering assist to help prevent inadvertent lane departure when the vehicle approaches the edge of the lane. This also alerts the driver with haptic steering wheel feedback.



Multi-view Camera System

Offers multiple viewing angles by providing a “bird’s-eye” 360-degree visual around the entire vehicle. Four cameras are mounted around the vehicle:

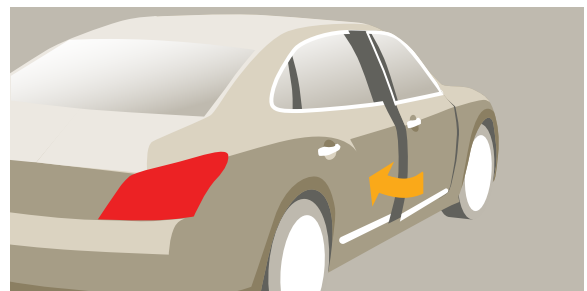
- The front camera utilizes the forward-view cornering camera
- Two cameras are installed in the side mirrors
- The standard rearview camera is integrated for the rearview angle



Power Door Closure

To enhance luxury and convenience, each of the four doors close automatically when the door manually approaches full closure.

- Passengers no longer have to slam doors or be concerned about completely shutting the door



Rain-repelling Acoustic Laminated Glass

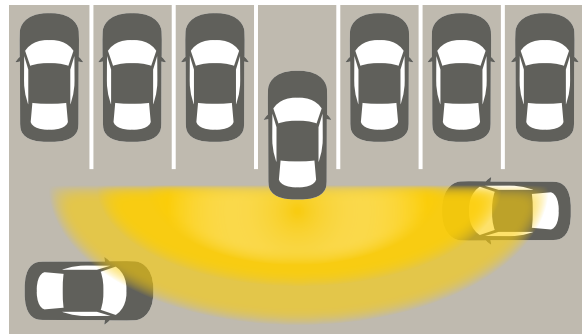
G90 features acoustic laminated glass, which helps make the interior quieter. In addition, thanks to their special construction, the windshield and front side windows are designed to help repel rain, plus dirt, dust, grease and liquid can be lightly wiped clean.

- Acoustic glass features special sound-deadening technology to help keep the interior quiet.
- The rain-repelling coating helps water bead up and run off, which helps keep the windshield and side windows clear when it's raining for improved visibility
- This treatment is permanent and requires no special care



Rear Cross-traffic Alert (RCTA)

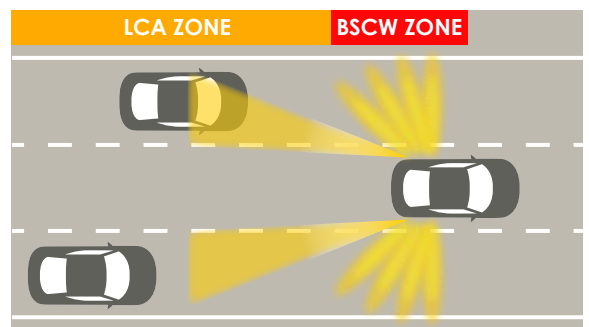
Alerts the driver to approaching vehicles, when backing out of a parking space, with an audible alert and warning lights in the outside mirrors. Sensors can help detect a moving vehicle as far away as 65 feet. The system is not designed to warn the driver of smaller objects, such as pedestrians or shopping carts.



Smart Blind Spot Detection

Active Blind Spot Detection Technology helps monitor traffic around the car. The system uses the Blind Spot Radar in the rear bumper to warn the driver of a vehicle in the vehicle's "blind spot." The initial alert is warning lights in the outside mirrors. The system can automatically apply the left or right front brake to help avoid a collision.

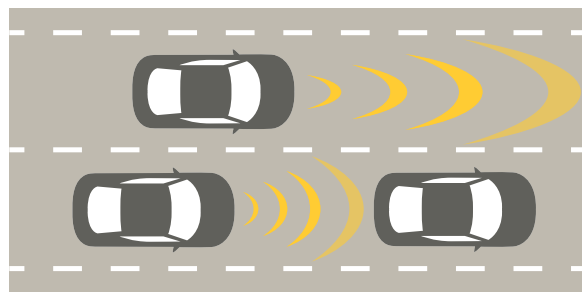
Lane Change Assist measures the closing speed of an approaching vehicle in the adjacent lane to determine whether changing lanes is safe and, if not, gives the driver an audible and visual warning.



Smart Cruise Control with Stop/Start Pre-collision Warning System

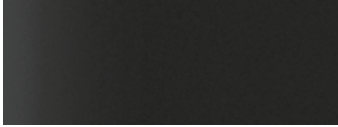
Uses the front radar sensor. The system operates like a conventional cruise control on an open road to maintain a set speed. When traffic slows ahead, the system's radar senses the distance to vehicles in front, automatically applies the brakes and gently slows the vehicle to maintain a desired distance between the G90 and the vehicle ahead.

If the vehicle ahead stops and resumes in less than 3 seconds, the system will automatically resume with the selected distance. If the delay is longer, the driver must manually resume driving. Also senses the possibility of a collision, warns the driver and pre-charges the brakes to help provide maximum braking power in case of rapid deceleration.



2017 G90 FEATURES & SPECIFICATIONS

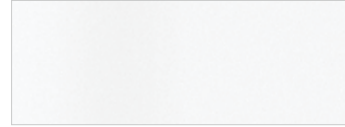
EXTERIOR COLORS



Caspian Black



Manhattan Brown



Casablanca White



London Gray



Patagonia Blue



Santiago Silver

INTERIOR COLORS

Black (Walnut)



Beige (Gray Ash)



WOOD TRIMS

Gray Ash



Walnut



GENESIS COMPLETE CONFIDENCE

POWERTRAIN LIMITED WARRANTY	10 YEARS / 100,000 MILES
NEW VEHICLE LIMITED WARRANTY	5 YEARS / 60,000 MILES
ANTI-PERFORATION WARRANTY	7 YEARS / UNLIMITED MILES
24/7 ROADSIDE ASSISTANCE	5 YEARS / UNLIMITED MILES
COMPLIMENTARY SCHEDULED MAINTENANCE	3 YEARS / 36,000 MILES
GENESIS SERVICE VALET	3 YEARS / 36,000 MILES
GENESIS CONNECTED SERVICES	3 YEARS COMPLIMENTARY
MAP CARE	3 YEARS FREE ANNUAL MAP UPDATES

2017 G90 COMPETITIVE ADVANTAGES

Shaded = Genesis Competitive Advantage	2017 Genesis G90 3.3T Premium	2017 BMW 740i	2017 Audi A8L 3.0T	2017 Cadillac CT6 Luxury
Engine Type (liters)	3.3 DOHC GDI twin-turbo V6	3.3 DOHC DI turbo inline-6	3.0 DOHC FSI supercharged V6	3.0 DOHC DI twin-turbo V6
Horsepower (hp @ rpm) – Premium Fuel	365 @ 6,000 TBD @ TBD (regular fuel)	320 @ 5,200	333 @ 5,300	404 @ 5,700
Standard Automatic Transmission	8-speed with SHIFTRONIC®	8-speed with sequential shift	8-speed with Tiptronic®	8-speed with manual mode
Intelligent Drive Mode w/ Smart Shift	S – Eco, Smart, Sport, Individual	S – Eco Pro, Adaptive, Comfort, Sport, Sport+	S – Comfort, Auto, Dynamic, Individual	S – Tour, Sport, Snow/Ice
Hands-free Trunk Opener	S	S	N/A	N/A
Automatic Emergency Braking w/ Pedestrian Detection	S	0	N/A	0
Smart Blind Spot Detection w/ Rear Cross-traffic Alert & Lane Change Assist	S	0	0	0
Heads-up Display	S	0	0	N/A
City/Highway/Combined (EPA-estimated mpg‡)	17/24/20 (RWD) 17/24/20 (AWD)	21/29/24 (RWD) 19/28/22 (AWD)	19/29/22 (AWD)	18/26/21(AWD)
MSRP (MSRP + Freight)	\$69,050 (RWD) \$71,550 (AWD)	\$82,495 (RWD) \$85,495 (AWD)	\$82,500 (AWD)	\$65,390 (AWD)

S = Standard 0 = Factory Option/Option package A = Dealer-Installed Accessory N/A = Not available
Tiptronic is a registered trademark of Dr. Ing. h. c. F. Porsche AG.

‡ Fuel economy estimated by EPA for comparison only. Your actual mileage may vary with options, driving conditions, driving habits and the vehicle's condition.

2017 G90 COMPETITIVE ADVANTAGES

Shaded = Genesis Competitive Advantage	2017 Genesis G90 5.0 Ultimate	2017 Lexus LS 460L	2017 BMW 750i	2017 Mercedes-Benz S550	2017 Audi A8L 4.0T
Engine Type (liters)	5.0 DOHC GDI V8	4.6 DOHC DSFI V8	4.4 DOHC DI turbo V8	4.7 DOHC DI twin-turbo V8	4.0 DOHC FSI turbo V8
Horsepower (hp @ rpm) – Premium Fuel	420 @ 6,000 TBD @ TBD (regular fuel)	386 @ 6,400	445 @ 5,500	449 @ 5,250	450 @ 5,100
Standard Automatic Transmission	8-speed with SHIFTRONIC®	8-speed with sequential shift	8-speed with sequential shift	9-speed 9G-Tronic	8-speed with Tiptronic®
LED Headlights w/ Dynamic Bending Light	S	0	S	S	S
Automatic Emergency Braking w/ Pedestrian Detection	S	0	0	S	N/A
Smart Blind Spot Detection w/ Rear Cross-traffic Alert & Lane Change Assist	S	0	0	0	S
Driver Attention Alert	S	0	N/A	S	N/A
Power rear seat (outboard) with ventilation & integrated memory	S	N/A	0 (memory N/A)	0	0 – ventilation
City/Highway/Combined (EPA-estimated mpg‡)	16/24/19 (RWD) 15/23/18 (AWD)	16/24/19 (RWD) 16/23/18 (AWD)	17/26/20 (RWD) 16/25/19 (AWD)	18/26/21 (RWD) 16/25/20 (AWD)	18/29/22 (AWD)
MSRP (MSRP + Freight)	\$70,650 (RWD) \$73,150 (AWD)	\$79,795 (RWD) \$83,280 (AWD)	\$95,595 (RWD) \$98,595 (AWD)	\$97,525 (RWD) \$100,525 (AWD)	\$91,500 (AWD)

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GENESIS RESOURCE LIST

Bluetooth Phone Compatibility Website	www.GenesisBluetooth.com
Bluetooth Pairing Help	www.jciblueconnect.com
Customer Website	www.Genesis.com
Genesis on YouTube	GenesisUSA