

## 2019 GENESIS G70: DESIGNED TO PERFORM, TAILORED TO BE DRIVEN, ENGINEERED TO CARE

The 2019 Genesis G70 luxury sport sedan resets benchmarks and expectations in its class for the holistic integration of performance body strength, refined luxury and aerodynamic style.

G70 is the third of six new Genesis models to debut by 2021, and the final sedan of the lineup. As the first Genesis model in the highly competitive entry-level luxury segment, G70 outperforms legacy luxury sport sedans with driver-focused performance.

### **Designed to Perform**

“The foundation for any kind of car that performs well dynamically is an incredibly rigid platform,” said Albert Biermann, President and Head of Vehicle Performance Division of Hyundai Motor Group. “That translates not only to performance, but how it feels down the road as well as safety achievement levels.”

The synthesis of iconic elements of the Genesis design ethos, Athletic Elegance, contribute further to a sleek, aerodynamic design. G70 has the lowest overall height and widest overall stance in the segment providing exceptional dynamic performance from the resulting low center of gravity. The kinetic form language of G70 was engineered to return a sleek 0.28 Cd, allowing G70 to slip through the air. When fitted with aggressive 19-inch wheels and Michelin® Pilot Sport 4 summer tires, G70 returns 0.29 Cd.

Through the extensive application of hot-stamped parts and reinforced connecting structures, G70 has among the strongest body structures in its segment. Strategic use of lightweight aluminum for the hood and strut tower reinforcement bars helped the G70 reduce weight and lower its center of gravity. An integrated frame reduces the number of physical parts needed to strengthen G70.

Fundamentally, the robust, reinforced structure is part of an effort to provide class-leading occupant safety, just like other Genesis models. The additional benefit of such a rigid body structure is the ability to finely tune the suspension for both

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2

excellent ride quality as well as superb handling dynamics.

“We used high-strength steel, aerospace-grade adhesives and strategic lightening with aluminum to create the ideal balance of stiffness, light weight and competitiveness,” Biermann said. “The proof is in how G70 handles on a spirited drive, whether that’s early on a Sunday morning on a hilly, country road or on a daily commute to the office.”

No matter the driving situation, G70 raises the bar for the luxury sport sedan segment, with a 0-to-60 mph time of 4.5 seconds (3.3T RWD, using Launch Control) and a mechanical limited-slip differential (LSD), standard on 3.3T RWD and optional on 2.0T RWD. A multi-plate mechanical LSD is utilized in the G70 to enable a) higher torque capacity, b) better handling control, and c) lower noise, vibration and harshness (NVH) than other types of LSD. The G70s combination of mechanical LSD with available all-wheel drive (AWD) is unique and provides sharper handling performance than competitive vehicles in the segment.

G70 is available with either an up-level 3.3-liter twin-turbocharged gasoline direct-injected V6 engine or a 2.0-liter turbocharged gasoline direct-injected 4-cylinder engine.

Key features of the 3.3L TT-GDI V6 engine include:

- Most horsepower in the segment with 365 HP and 376 lb. ft. of torque
- Single scroll twin turbo system to improve responsiveness and power
- Mid Position Lock (MPL) Continuously Variable Valve Train (CVVT) for fast response and improved fuel efficiency
- Dual-stage variable oil pump for improved fuel efficiency
- Integrated exhaust manifold cylinder head to reduce warmup time and improve fuel efficiency

Key features of the 2.0L T-GDI I4 engine include:

- 252 HP (255 HP with manual transmission) and 260 lb. ft. of torque
- Reduced turbo turbine wheel size to hasten spool-up and improve low-end torque
- Motor-driven intake variable valve timing system to optimize power and efficiency
- 2-stage relief oil pump to improve power and efficiency

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3

- Balance shaft module to reduce engine vibration

The standard, 8-speed automatic transmission offers rev-matching technology and gear-holding technology for tight corners. As an increasingly rare treat these days, a 6-speed manual transmission is available as an option on the 2.0L T 4-cylinder engines equipped with RWD. Manual transmission equipped G70s are offered in a comprehensive performance package that includes a more powerful engine with unique sport exhaust, high-performance Brembo brakes with enhanced performance pads and additional weight reduction measures.

With either engine, G70 is available with standard RWD or optional AWD, which actively distributes optimal traction forces between the rear and front wheels dependent upon the current driving circumstances and drive modes selected.

In addition to the aforementioned available mechanical LSD, other dynamic performance-enhancing systems include:

- Launch Control to optimize torque and minimize wheel slip, thereby reducing acceleration times
- Rack-mounted, motor-driven power steering (R-MDPS) to provide more precise steering feel
- Dynamic Torque Vectoring Control (DTVC) which vastly improves the G70s corner exit performance

To reduce unsprung mass, G70 has insertion-type MacPherson struts in front for the connective structure that increases stiffness, compared to a conventional design. In the rear is an independent, multi-link suspension that balances driving stability and performance. An optional, electronically controlled sport suspension optimizes ride comfort in real time and a high performance Brembo braking system is available which delivers superior braking capability and fade resistance.

Enhancing the driving appeal of G70 is Active Sound Design, which offers drivers the ability to enhance the interior ambiance with a throatier engine sound. Sound settings were created based on the science of harmony, to produce bright, euphonious tones that pair well with all types of roads and driving conditions. Five available drive modes—Sport, Comfort, Smart, Eco and Custom—synchronize with the Active Sound Design profiles.

The performance-focused G70 luxury sport sedan has been tested under the most

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4

challenging environments and surfaces in the world, including Death Valley (U.S.), northern Sweden, the Nürburgring (Germany) and the Alps (Austria) for driving stability, handling, durability and power delivery.

## **Tailored to Be Driven**

The all-new G70 showcases the future direction of the Genesis brand's design identity.

"The bar is set higher-than-ever in the luxury segment for vehicle quality and performance, making unique design and outstanding craftsmanship key differentiators in this industry," said Manfred Fitzgerald, Executive Vice President and Global Head of the Genesis Brand.

Athletic elegance is represented in the exterior styling, as the car captures both beauty and tension, like an athlete poised to perform.

Luc Donckerwolke, Executive Vice President and Head of Genesis Design, said, "At Genesis, we shape fascination and desire with the passion, dedication and talent from our designers. We modulated all parameters from the Genesis DNA to tailor a sports sedan. The G70 is designed to captivate all the senses with tensioned muscular volumes."

The long hood and short front overhang, elegant roofline and assertive multi-spoke alloy wheels combine to form a sleek, dynamic profile, subtly highlighted by dark chrome aero trim (on the Sport and Dynamic Special Edition models).

The unique daylight opening and parabolic sidelines further express the unique design signatures of Genesis, displaying fast and dramatic energy with voluptuous forms and smooth surfaces.

From the front and side, the G70's prominent crest-type grille, character lines extending from the hood emblem, and pronounced air intakes communicate the muscular performance that the car is capable of.

Two distinctive linear LED DRLs on each side of the large crest grille are evocative of recent Genesis concept vehicles.

In the rear, the LED combination lamps continue the quad lamp theme, while the raised trunk lid and compact bumper designs give the G70 a poised character. The rear lamps, evolved from the G80, have been stretched to the end of the rear to

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5

convey a wide and dynamic stance.

Authenticity and attention to detail define the interior characteristic of G70. The first thing you notice about the interior of G70, upon entering, is its focus on providing an easy-to-understand, driver-centric experience. The cabin radiates luxury and sophistication while maintaining a sporty, refined aesthetic.

“When designing the cabin of G70, we focused on delivering maximum comfort, using a variety of genuine materials, and fit and finish,” said Donckerwolke. “These are the enhanced details that contribute a feeling of opulence to the overall interior feel.”

Soft-touch, high-quality materials line the cabin of G70. Genuine stitching adorns the top of the dashboard, and is woven along the edge of the front console. Optional, authentic aluminum is applied liberally throughout the interior as trim for the doors and console, as well as to the pedals. The shift lever is wrapped in leather while the three-spoke steering wheel features standard perforated leather. An available Dinamica microfiber headliner, finished in either black or gray, adds a touch of serenity to the cabin.

Special attention was paid to make the seats of G70 stand out from the competition. Unique among premium sport sedans is the availability of several types of quilted-pattern, heated and ventilated seats covered in smooth, Nappa leather. (Black or gray leatherette seats are standard on 2.0T models.) Sport Quilting features a repeating diamond pattern on black seating surfaces, with a choice of gray or red contrast stitching. The calming pattern of the Luxury Quilting seats is available in both gray and black. A burgundy upper-dash finish is optional with the black Luxury Quilting.

“It was important to create harmony between the exterior and interior design that corresponds to the characteristics and logically reflects the Athletic Elegance design theme of the vehicle,” said Bozhena Lalova, Head of Genesis Color and Trim. “The quilted patterns throughout the interior, which were inspired by bespoke fashion and furniture, exceed expectations for individuality and brand identity.”

G70 also offers an unprecedented level of standard and optional interior features designed to enhance the in-car experience without taking focus away from the pleasure of driving. G70 comes standard with a 7-inch color LCD multi-information

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6

display located between the speedometer and tachometer, and a floating, 8-inch, wide-view display audio touchscreen is positioned atop the center stack. Apple CarPlay and Android Auto connectivity are both standard as are Sirius/XM Satellite Radio and HD Radio. An integrated navigation system and Qi wireless charging are optional, as is a heads-up display and surround-view camera system for easy parking.

A highlight of the interior of G70 is its available, 15-speaker, 660-watt Lexicon audio system. With QuantumLogic multi-dimensional sound and Clari-Fi music restoration technology, G70 is transformed into a mobile concert venue. Under-seat subwoofers and two immersive listening settings, Audience Mode and On Stage Mode, completely fill the cabin with sonorous tones. Unique in the segment, this high-end audio system is a feature included within most trim package variants of the G70 across the vast majority of the forecasted model range mix.

## **Engineered to Care**

The 2019 Genesis G70 is engineered to put drivers first offering customers the same, industry-leading levels of safety, customer service and technological advancements found across the Genesis lineup. G70 is the third Genesis model in a lineup consistently recognized for excellence in quality and the ownership experience.

## Safety

Like all Genesis vehicles, the G70 offers an unparalleled level of standard active- and passive-safety equipment, surpassing the competition. These include advanced driver assistance systems such as Forward Collision-Avoidance Assist with Pedestrian Detection, Blind-Spot Collision Warning, Lane Keeping Assist and Driver Attention Warning. The G70 was designed to meet the highest safety standards, just like the G80 and G90 sedans.

## Customer Service

G70 offers a class-exclusive, no-cost, consumer-focused program that elevates the luxury vehicle ownership experience: a collection of concierge services that exceeds the near-luxury level benchmark. From valet service appointments scheduled using the Genesis mobile app, to complimentary maintenance and Genesis Connected Services, the Genesis experience provides owners market-leading convenience and time savings:

- Three years/36,000 miles of complimentary scheduled G70 maintenance

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7

- Three years/36,000 miles of complimentary Genesis Service Valet care
- Three years of complimentary SiriusXM® Travel Link (Data Services)
- Three years of complimentary Annual Multimedia and Navigation Updates
- Lifetime complimentary traffic data vis HD+ Traffic radio

## Warranty

Peace of mind is also standard on G70, thanks to a 5-year/60,000-mile bumper-to-bumper warranty and a 10-year/100,000-mile powertrain limited warranty. G70 also features Enhanced Roadside Assistance and Concierge Services, including tire changes or transportation to the nearest Genesis dealership or authorized service facility and reimbursement for inconvenience. For the first three years or 36,000 miles, complimentary Service Valet will collect the G70 to service it and offer a courtesy replacement meanwhile.

## Technology

To complete the total ownership experience, every G70 model comes standard with Genesis Connected Services. Advanced telematics include technology like Destination Search powered by Voice, Car Finder, Enhanced Roadside Assistance and Stolen Vehicle Recovery. With a complimentary three-year subscription, Genesis Connected Services further enhances assurance for drivers and passengers, with SOS Emergency & Automatic Collision Notification.

When combining the power of Genesis Connected Services and an Amazon Alexa-enabled device, the G70 offers remote voice control, performing tasks including Remote Door Lock/Unlock and Remote Start with a specified interior temperature. Genesis Connected Services can also easily be accessed from the controls located on the vehicle's center stack, the rearview mirror, the internet through the MyGenesisUSA.com website or via the smartphone/smartwatch app exclusive to Genesis owners. Genesis Intelligent Assistant adds another degree of seamless connectivity, sending notifications and recommendations ahead of the drive, delivering point-of-interest navigation directly to G70, and providing a vehicle health report on demand.