



**Genesis Motors**  
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**NEWS BUREAU**

**2018 Genesis G90 3.3T Premium and 5.0 Ultimate**

**ENGINE**

**3.3T Premium**

Type	DOHC 24-Valve V6 Twin Turbo Dual CVVT (Continuous Variable Valve Timing), Gasoline Direct Injection (GDI), Variable Intake System (VIS)
Materials	Aluminum Block and Head
Displacement	3.3 liters / 3,342 cc
Bore & Stroke	92.0 mm x 83.8 mm
Horsepower (estimate)	365 / TBD @ 6,000 rpm – Premium / Regular
Torque (estimate)	376 / TBD lb-ft @ 1,300 - 4,500 rpm – Premium / Regular
Valves per Cylinder	4
Compression Ratio	10.0:1

**5.0 Ultimate**

Type	DOHC 32-valve V8 Dual CVVT (Continuous Variable Valve Timing), Gasoline Direct Injection (GDI), Tuned Intake System (TIS)
Materials	Aluminum Block and Head
Displacement	5.0 liters / 5,038 cc
Bore & Stroke	96.0 mm x 87.0 mm
Horsepower (estimate)	420 / TBD @ 6,000 rpm – Premium / Regular
Torque (estimate)	383 / TBD lb-ft @ 5,000 rpm – Premium / Regular
Valves per Cylinder	4
Compression Ratio	12.0:1

**TRANSMISSION**

8-speed Electronic Automatic with SHIFTRONIC™ Manual Shift Mode and Lock-Up Torque Converter

Gear Ratios	<b>3.3T Premium</b>	<b>5.0 Ultimate</b>
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First	3.665:1	3.795:1
Second	2.396:1	2.473:1
Third	1.610:1	1.613:1
Fourth	1.190:1	1.177:1
Fifth	1.000:1	1.000:1
Sixth	0.826:1	0.831:1
Seventh	0.643:1	0.652:1
Eighth	0.556:1	0.571:1
Reverse	2.273:1	2.467:1
Final Drive	3.538:1	3.538:1
Transmission Fluid (quarts)	9.7	9.7
<b>SUSPENSION</b>		
Genesis Adaptive Control Suspension with Electronic Damping Control and Intelligent Drive Mode		
Front	5-link Suspension with 25-mm Solid Stabilizer Bar	
Rear	5-link Suspension with 17-mm Solid Stabilizer Bar	
<b>STEERING</b>		
Type	Rack Mounted Motor-Driven Power Steering (R-MDPS) with Variable Gear Ratio (VGR)	
Overall Ratio	12.9:1	
Turns, Lock to Lock	2.55	
Turning Circle	39.2 ft.	
<b>BRAKES/TIRES/WHEELS</b>		
	<b>3.3T Premium</b>	<b>5.0 Ultimate</b>
Front	Power Assisted 14.2-in. Ventilated Disc, Pad Wear Warning Device	Power Assisted 14.8-in. Ventilated Disc, Pad Wear Warning Device
Rear	Power Assisted 13.4-in. Ventilated Disc, Pad Wear Warning Device	Power Assisted 13.4-in. Ventilated Disc, Pad Wear Warning Device
ABS	4-Wheel, 4-Channel and 4-Sensor with Electronic Brake-Force Distribution (EBD)	

Tires	P245/45R19 (Front) – All season P275/40R19 (Rear) – All season
Wheels	Front: 19-in. Multi-Spoke Chrome Alloy (19 x 8.5J) Rear: 19-in. Multi -Spoke Chrome Alloy (19 x 9.5J)
Spare Tire	19-in. (T155/70R19)
<b>EXTERIOR DIMENSIONS</b>	
Wheelbase	124.4 in.
Overall Length	204.9 in.
Overall Width (excluding Mirrors)	75.4 in.
Overall Height	58.9 in.
Track, Front	64.6 in.
Track, Rear	64.5 in.
Overhang, Front	33.9 in.
Overhang, Rear	46.7 in.
Coefficient of Drag (Cd)	0.27
<b>INTERIOR DIMENSIONS</b>	
Head Room	
Front (with Sunroof)	41.1 in.
Rear	38.0 in.
Leg Room	
Front	46.3 in.
Rear	37.8 in.
Shoulder Room	
Front	59.1 in.
Rear	57.9 in.
Hip Room	
Front	56.5 in.
Rear	55.0 in.
EPA Passenger Volume	113.2 cu. ft.
EPA Cargo Volume	15.7 cu. ft.

EPA Total Volume	128.9 cu. ft.		
<b>CAPACITIES</b>			
	<b>3.3T Premium</b>		<b>5.0 Ultimate</b>
Fuel (gallons)	21.9		21.9
Oil (quarts)	7.7		8.5 (RWD) / 9.7 (AWD)
Coolant (quarts)	5.5		7.5
<b>CURB WEIGHT</b>			
	<b>3.3T Premium</b>		<b>5.0 Ultimate</b>
RWD	4,630 lbs		4,751 lbs
AWD	4,784 lbs		4,905 lbs
<b>FUEL ECONOMY</b>	<b>City</b>	<b>Highway</b>	<b>Combined</b>
3.3T Premium (RWD/AWD)	17/17	24/24	20/20
5.0 Ultimate (RWD/AWD)	16/15	24/23	19/18