



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

**2017 Genesis G80 3.8 and 5.0 Ultimate**

**ENGINE**

**3.8L V6**

Type	DOHC 24-valve V6 with CVVT (Continuously Variable Valve Timing)
Materials	Aluminum Block / Aluminum Cylinder Heads
Displacement	3.8 liters / 3,778 cc
Horsepower	311 @ 6,000 rpm (Regular Fuel)
Torque	293 lb-ft @ 5,000 rpm (Regular Fuel)
Bore & Stroke	96.0 mm x 87.0 mm
Valves Per Cylinder	4
Compression Ratio	11.5:1
Fuel System	Gasoline Direct Injection
Intake System	Variable Intake System (VIS)

**5.0L V8**

Type	DOHC 32-Valve V8 with CVVT (Continuously Variable Valve Timing)
Materials	Aluminum Block / Aluminum Cylinder Heads
Displacement	5.0 liters / 5,038 cc
Horsepower	420/407 @ 6,000 rpm (Premium/Regular Fuel)
Torque	383/372 lb-ft @ 5,000 rpm (Premium/Regular Fuel)
Bore & Stroke	96.0 mm x 87.0 mm
Valves per Cylinder	4
Compression Ratio	11.8:1
Fuel System	Gasoline Direct Injection
Intake System	Tuned Intake System (TIS)

**TRANSMISSION**

8-speed Electronic Automatic and SHIFTRONIC™ Manual Shift Mode		
Gear Ratios	(3.8L V6)	(5.0L V8)
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	3.909:1	3.538:1
SUSPENSION		
Front	Independent 5-Link Design with High Performance Gas Shock Absorbers, Coil Springs and Solid Stabilizer Bar	
Rear	Independent 5-Link Design with High Performance Gas Shock Absorbers, Coil Springs and Solid Stabilizer Bar	
STEERING		
Type	Rack-Mounted Motor Driven Electric Power Steering with Variable Gear Ratio	
Overall Ratio	11.8:1	
Turns, Lock to Lock	2.55	
Turning Circle (Curb to Curb)	36.2 ft.	
BRAKES/TIRES/WHEELS		
Front	Power-Assisted 13.6-in Diameter Ventilated Disc, Four Piston (3.8L V6) Power-Assisted 14.2-in Diameter Ventilated Disc, Four Piston (5.0L V8)	
Rear	Power-Assisted 12.4-in Diameter Solid Disc, Single Piston	
Parking	Mechanical Cable Type, 7.48-in. Drum-In-Hat	

ABS	Four-Wheel, Four-Channel, and Four-Sensor with Electronic Brake-Force Distribution (EBD)
Tires	P245/45R18 A/S (3.8L V6) P245/40R19 A/S (Front) (5.0L V8) P275/35R19 A/S (Rear) (5.0L V8)
Wheels	18 x 8.0J premium machine finished aluminum alloy (3.8L V6) 19 x 8.5J (front) / 19 x 9.0J (rear) premium dark silver aluminum alloy (5.0L V8)
<b>EXTERIOR DIMENSIONS</b>	
Coefficient of Drag	0.26
Wheelbase	118.5 in.
Overall Length	196.5 in.
Overall Width	74.4 in.
Overall Height	58.3 in.
Tread Width (Front / Rear), 18-in. Wheels	64.1 in. / 65.3 in.
Tread Width (Front / Rear), 19-in. Wheels	63.8 in. / 64.3 in.
Minimum Ground Clearance	5.3 in. (RWD) / 5.1 in. (AWD)
<b>INTERIOR DIMENSIONS</b>	
Head Room	
Front	41.1 in. (w/o Sunroof) 39.4 in. (w/ Sunroof)
Rear	38.2 in.
Leg Room	
Front	45.7 in.
Rear	35.0 in.
Shoulder Room	
Front	58.3 in.
Rear	57.1 in.

Hip Room			
Front	55.7 in.		
Rear	54.8 in.		
EPA Passenger Volume	107.7 cubic ft.		
EPA Cargo Volume	15.3 cubic ft.		
EPA Total Volume	123.0 cubic ft.		
<b>CAPACITIES</b>			
Fuel	20.3 gallons		
Engine Oil	5.5 quarts (3.8L V6), 7.4 quarts (5.0L V8)		
Transmission	11.2 quarts		
<b>CURB WEIGHT</b>			
3.8L V6 RWD	4,290 lbs.		
3.8L V6 AWD	4,453 lbs.		
5.0L V8 RWD	4,541 lbs.		
<b>FUEL ECONOMY</b>	<b>City</b>	<b>Highway</b>	<b>Combined</b>
3.8L V6 RWD	18 mpg	28 mpg	22 mpg
3.8L V6 AWD	16 mpg	25 mpg	19 mpg
5.0L V8 RWD	15 mpg	23 mpg	18 mpg