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**NEWS BUREAU**

**2018 Genesis G80 3.8, G80 5.0, and G80 3.3T Sport**

<b>ENGINE</b>	<b>G80 3.8</b>	<b>G80 5.0</b>	<b>G80 3.3T Sport</b>
Engine Type	3.8L DOHC 24-valve V6 with D-CVVT (Dual Continuously Variable Valve Timing)	5.0L DOHC 32-Valve V8 with D-CVVT (Dual Continuously Variable Valve Timing)	3.3L Twin Turbo DOHC 24-Valve V6 with D-CVVT (Dual Continuously Variable Valve Timing)
Materials	Aluminum Block / Aluminum Cylinder Heads	Aluminum Block / Aluminum Cylinder Heads	Aluminum Block / Aluminum Cylinder Heads
Displacement	3.8 liters / 3,778 cc	5.0 liters / 5,038 cc	3.3L / 3,342 cc
Horsepower	311 @ 6,000 rpm (Regular Fuel)	420/407 @ 6,000 rpm (Premium/Regular Fuel)	365/TBD @ 6,000 rpm (Premium/Regular Fuel)
Torque	293 lb. ft @ 5,000 rpm (Regular Fuel)	383/372 lb. ft @ 5,000 rpm (Premium/Regular Fuel)	376/TBD lb. ft @ 1,300-4,500 rpm (Premium/Regular Fuel)
Bore & Stroke	96.0 mm x 87.0 mm	96.0 mm x 87.0 mm	92.0 mm x 87.0 mm
Valves Per Cylinder	4	4	4
Compression Ratio	12:1	12:1	10.0
Fuel System	Gasoline Direct Injection	Gasoline Direct Injection	Gasoline Direct Injection
Intake System	Variable Intake System (VIS)	Tuned Intake System (TIS)	Tuned Intake System (TIS)
<b>TRANSMISSION</b>	<b>G80 3.8</b>	<b>G80 5.0</b>	<b>G80 3.3T Sport</b>
8-speed Electronic Automatic and SHIFTRONIC™ Manual Shift Mode			
Gear Ratios	3.8L V6	5.0L V8	3.3L Twin Turbo V6
First	3.665:1	3.665:1	3.665:1

Second	2.396:1	2.396:1	2.396:1
Third	1.610:1	1.610:1	1.610:1
Fourth	1.190:1	1.190:1	1.190:1
Fifth	1.000:1	1.000:1	1.000:1
Sixth	0.826:1	0.826:1	0.826:1
Seventh	0.643:1	0.643:1	0.643:1
Eighth	0.556:1	0.556:1	0.556:1
Reverse	2.273:1	2.273:1	2.273:1
Final Drive	3.909:1	3.538:1	3.909:1
<b>SUSPENSION</b>			
Front	Independent 5-Link Design with High Performance Gas Shock Absorbers and Hollow Stabilizer Bar		
Rear	Independent 5-Link Design with High Performance Gas Shock Absorbers and Solid Stabilizer Bar		
<b>STEERING</b>			
Type	Rack-Mounted Motor Driven Electric Power Steering with Variable Gear Ratio		
Overall Ratio	11.8:1		
Turns, Lock to Lock	2.55		
Turning Diameter – RWD / AWD	36.2 ft. / 37.4 ft.		
<b>BRAKES/TIRES/ WHEELS</b>	<b>G80 3.8</b>	<b>G80 5.0</b>	<b>G80 3.3T Sport</b>
Front	Power-Assisted 13.6-in Diameter Ventilated Disc, Four Piston	Power-Assisted 14.2-in Diameter Ventilated Disc, Four Piston	Power-Assisted 14.2-in Diameter Ventilated Disc, Four Piston
Rear	Power-Assisted 12.4-in Diameter Solid Disc, Single Floating Piston	Power-Assisted 12.4-in Diameter Solid Disc, Single Floating Piston	Power-Assisted 13.0-in Diameter Ventilated Disc, Single Floating Piston
Parking Brake	Electronic Parking Brake, 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	P245/40R19 A/S (Front)  P275/35R19 A/S (Rear)	P245/40R19 A/S (Front)  P275/35R19 A/S (Rear)
Wheels	18 x 8.0J	19 x 8.5J (Front) / 19 x 9.0J (Rear)	19 x 8.5J (Front) / 19 x 9.0J (Rear) – Sport Design
EXTERIOR DIMENSIONS			
Coefficient of Drag	0.27		
Wheelbase	118.5 in.		
Overall Length	196.5 in.		
Overall Width (Excludes Mirrors)	74.4 in.		
Overall Height (18-in. & 19-in. Wheels)	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)		
INTERIOR DIMENSIONS			
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.		
EPA Passenger Volume	107.7 cubic ft.		

EPA Cargo Volume	15.3 cubic ft.		
EPA Total Volume	123.0 cubic ft.		
<b>CAPACITIES</b>	<b>G80 3.8</b>	<b>G80 5.0</b>	<b>G80 3.3T Sport</b>
Engine Oil	8.1 quarts	7.5 quarts	8.1 quarts
Fuel	20.3 gallons		
Transmission	9.2 quarts		
<b>WEIGHT</b>	<b>G80 3.8</b>	<b>G80 5.0</b>	<b>G80 3.3T Sport</b>
Curb Weight – RWD / AWD	4195 lbs. - 4334 lbs. / 4350 lbs. - 4489 lbs.	4561 lbs. / 4716 lbs.	4519 lbs. / 4674 lbs.
GVWR – RWD / AWD	5269 lbs. / 5423 lbs.	5512 lbs. / 5666 lbs.	5490 lbs. / 5644 lbs.
<b>FUEL ECONOMY</b>	<b>G80 3.8</b>	<b>G80 5.0</b>	<b>G80 3.3T Sport</b>
City – AWD / RWD	18 / 19	15 / 16	17 / 17
Highway – AWD / RWD	25 / 27	23 / 24	24 / 25
Combined – AWD / RWD	20 / 22	18 / 19	20 / 20