

2008 LEXUS **GS Hybrid** Specifications

CHASSIS

Vehicle Dynamics Integrated Management (VDIM) ¹²	Advanced stability and traction management system designed to proactively but seamlessly integrate separate vehicle dynamic functions to help enhance driver control and vehicle performance under a variety of adverse conditions. VDIM ¹² manages the integration of Electronic Controlled Braking (ECB), Electronic Power Steering (EPS), Variable Gear-Ratio Steering (VGRS), Vehicle Stability Control (VSC), ¹² Traction Control (TRAC), Anti-lock Braking System (ABS), Electronic Brakeforce Distribution (EBD) and Brake Assist ¹⁸
Suspension	Front: Independent, double-wishbone with coil springs, gas-pressurized shock absorbers and stabilizer bar Rear: Independent, multi-link with coil springs, gas-pressurized shock absorbers and stabilizer bar. Adaptive Variable Suspensions (AVS) with electronically modulated damping
Steering	Electronic, vehicle-speed-sensing, progressive power-assisted rack-and-pinion. Variable Gear-Ratio Steering (VGRS), 2.7 - 3.2 turns lock to lock
Brakes	Four-wheel power-assisted disc brakes with Electronic Controlled Braking (ECB), four-sensor, four-channel Anti-lock Braking System (ABS), Brake Assist ¹⁸ and regenerative braking Electronic Controlled Braking (ECB) 13.1-in front, 12.2-in rear ventilated discs ¹⁹
Wheels and Tires	18 x 8.0-in five-spoke alloy wheels with chrome-like accents and 245/40ZR18 summer tires ³ Optional tires: 245/40VR18 all-season run-flat tires ¹⁵

BODY, DIMENSIONS

Type	Five-passenger hybrid luxury sport sedan
Construction	Welded-steel unibody
Overall Length	190.0 in (4,826 mm)
Width	71.7 in (1,821 mm)
Height	56.1 in (1,425 mm)
Wheelbase	112.2 in (2,850 mm)
Curb Weight	4,134 lb (1,875 kg)
Fuel-tank Capacity	17.2 gal (65 L)
Trunk Capacity	7.5 cubic feet (212 L)
Headroom	37.8/37.0 in (960/940 mm)
Legroom	43.5/36.4 in (1,105/925 mm) (front/rear)
Shoulder Room	56.3/55.1 in (1,430/1,400 mm) (front/rear)
Hip Room	54.4/51.4 in (1,382/1,306 mm) (front/rear)

DRIVETRAIN

Transmission	Electronically controlled Continuously Variable Transmission (ECVT) with two-speed reduction and Snow mode
Drive Wheels	Rear-wheel drive
Final Drive Ratio	3.769:1



^{3, 12, 15, 18, 19} See page 14 for more information.

