

# THE LEXUS GS 450h

## CHASSIS

Type	Five-passenger hybrid luxury sport sedan
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 Suspension (AVS) with electronically modulated damping
Steering	Electronic Power Steering (EPS) system with Variable Gear-Ratio Steering (VGRS)
Brakes	Four-wheel ventilated disc brakes with high-friction front brake pads, <sup>21</sup> Electronic Controlled Braking (ECB) and regenerative function
Wheels and Tires	18-in alloy wheels <sup>12,13</sup> with 245/40ZR18 summer tires

## ENGINE/ DRIVETRAIN

Engine Type	3.5-liter V6 with direct and port injection and electric-drive motor
Valvetrain	Four cam, four valves per cylinder, with dual Variable Valve Timing with intelligence (VVT-i)
Electric-Drive Motor	High-output, permanent-magnet electric-drive motor
Total System Horsepower	340 hp <sup>3</sup>
Emissions Rating	Certified Super Ultra-Low Emission Vehicle (SULEV)
0-60 MPH	5.2 seconds <sup>3,4</sup>
EPA Fuel Economy Estimate	22/25 mpg <sup>14</sup> (city/highway)
Transmission	Electronically controlled Continuously Variable Transmission (ECVT) with two-speed reduction and Snow mode
Drive Type	Rear-wheel drive

3,4,5,6,10,12,13,14,15,16,17,18,19,21,22,23,24,25,26,27,28 See page 18 for more information.



Optional equipment shown.

## BODY, DIMENSIONS

Overall Length	190.0 (4,825 mm)
Width	71.7 in (1,820 mm)
Height	56.1 in (1,425 mm)
Wheelbase	112.2 in (2,850 mm)
Curb Weight	4,134 lb (1,875 kg)
Headroom (front/rear)	37.8/37.0 in (960/940 mm)
Shoulder Room (front/rear)	56.3/55.1 in (1,430/1,400 mm)
Hip Room (front/rear)	54.4/51.4 in (1,381/1,409 mm)
Leg Room (front/rear)	43.5/36.4 in (1,105/925 mm)
Trunk Capacity	7.5 cu ft (212 L)

## SELECTED LUXURY AND SAFETY FEATURES

Interior wood trim ▪ Perforated leather-trimmed interior ▪ Heated and ventilated front seats  
▪ Lexus 10-speaker Premium Sound System with six-disc CD auto-changer ▪ Bluetooth® technology<sup>17</sup> ▪ Dual-zone climate control with smog sensor ▪ Power moonroof ▪ SmartAccess<sup>18</sup> with power button ▪ Intuitive Parking Assist ▪ Power rear sunshade ▪ Driver's and front passenger's dual-stage airbag system (SRS)<sup>19</sup> ▪ Front seat-mounted side airbags (SRS)<sup>19</sup> ▪ Driver's and front passenger's knee airbags (SRS)<sup>19</sup> ▪ Front and rear side curtain airbags (SRS)<sup>19</sup> ▪ Rear-seat side airbags (SRS)<sup>19</sup> ▪ Vehicle Dynamics Integrated Management (VDIM)<sup>10</sup> ▪ Backup camera<sup>5</sup> ▪ Adaptive Front Lighting System (AFS) ▪ Direct Tire Pressure Monitor System<sup>23</sup> ▪ Rain-sensing intermittent windshield wipers with mist cycle

## SELECTED OPTIONS AND ACCESSORIES\*

Voice-activated DVD Navigation System<sup>24</sup> ▪ Mark Levinson 14-speaker, 330-watt @ less than 0.1% THD, 20-20,000 Hz<sup>16</sup> Premium Surround Sound Audio System<sup>6</sup> with DVD/CD auto-changer ▪ Active Power Stabilizer Suspension System (requires run-flat tires)<sup>25</sup> ▪ Dynamic Radar Cruise Control<sup>26</sup> ▪ Pre-Collision System (PCS)<sup>27</sup> ▪ Rear spoiler ▪ 245/40VR18 all-season run-flat tires<sup>12,25</sup> ▪ Lexus Link<sup>®</sup> 22 ▪ XM<sup>®</sup> Satellite Radio capability<sup>28</sup> ▪ G-Spider 18-in alloy wheels<sup>12,13</sup> ▪ All-weather floor mats ▪ Trunk mat ▪ Cargo net ▪ Car cover ▪ Wheel locks  
▪ Window sticker-Lexus Hybrid Drive