



## Lamborghini Gallardo SE specifications

### General information

Type of car	Lamborghini Gallardo SE
Years built	2005
Production	Limited to 250 units
Chassisnumbers	n.a.
Presentation	September 2005 IAA Frankfurt Auto Show
Type of car	Two door convertible, two seater Barchetta
Designed by	Lamborghini Centro Stile
Built by	Automobili Lamborghini SpA

### Dimensions

Wheelbase	2560 mm (100.7 in)
Overall length	4300 mm (169.3 in)
Overall width	1900 mm (74.8 in)
Overall height	1165 mm (45.9 in)
Front track	1622 mm (63.9 in)
Rear track	1592 mm (62.7 in)
Ground clearance	n.a.
Front overhang	n.a.
Rear overhang	n.a.
Weight	1430 kg
Distribution	42 / 58 % Front / Rear

### Chassis

Structure	Structural aluminum space frame, based on aluminum extruded parts welded to aluminum caster joint elements
Body	Aluminum with thermoplastic 'hang on' parts
Suspension	Double wishbones front and rear suspension, anti-roll bar, anti-dive and anti-squat 'self adjusting' Koni FSD dampers
ESP	Full ESP system with ABS, ASR and ABD
Brakes	All wheel ventilated discs, power vacuum, aluminum alloy Brembo calipers : 8 cylinders front caliper and 4 cylinders rear caliper
	<b>Front</b> 365 x 34 mm
	<b>Rear</b> 335 x 32 mm
Steering type	Power assisted rack and pinion, 3.2 turns lock to lock
Turning circle	11.5 m
Front tyre size	235/35 ZR 19
Rear tyre size	295/30 ZR 19
	<b>Type</b> Pirelli P ZERO 'ROSSO' with asymmetric unidirectional tread
Front rim size	8.5 x 19 inch
Rear rim size	11 x 19 inch
	<b>Type</b> Monoblock alloy wheels
Mirrors	External mirror with electrical closing and heating system Internal mirror with anti-blinding system
Rear spoiler	Electronically controlled
Airbags	Front 'dual stage' driver and passenger airbags, side 'head-thorax' airbags

## Engine

<b>Type</b>	V-10 90 degree, 18 degree crankpin offset, light-alloy block, mid mounted (longitudal), permanent four-wheel drive with viscous traction system
<b>Distribution</b>	Dual overhead camshafts
<b>Main bearings</b>	n.a.
<b>Cylinder capacity</b>	4961 cc
<b>Bore and stroke</b>	82.5 x 92.8 mm
<b>Intake system :</b>	Variable geometry
<b>Valve gear :</b>	Chain driven, intake and exhaust continuously variable valve timing, electronically controlled.
<b>Compression ratio</b>	11.0:1
<b>Maximum power</b>	520 bhp (367 kW) at 8000 rpm
<b>Maximum torque</b>	510 Nm at 4500 rpm
<b>Cooling system</b>	Two water radiators + gearbox oil cooler + engine oil cooler
<b>Emission control</b>	Catalytic converters with lambda sensors
<b>Engine management</b>	Lamborghini L.I.E., with individual static ignition, multipoint sequential fuel injection, drive-by-wire system, OBD system
<b>Plugs</b>	n.a.
<b>Electrical system</b>	12 V
<b>Alternator</b>	n.a.
<b>Fuel type</b>	Unleaded 95 R.O.N.
<b>Fuel consumption</b>	n.a.
<b>Lubrication</b>	Dry sump

## Drivetrain

<b>Type</b>	Lamborghini six-speed + reverse manual, all synchromesh		
<b>Optional</b>	Robotized sequential e-Gear system with actuation by paddles behind the steering wheel		
<b>Clutch</b>	Double plate		
<b>Disc diameter</b>	215 mm		
<b>1<sup>st</sup> gear ratio</b>	2.56:1	<b>Maximum speed</b>	97.5 Km/h (61 Mph)
<b>2<sup>nd</sup> gear ratio</b>	1.85:1	<b>Maximum speed</b>	134.9 Km/h (84 Mph)
<b>3<sup>rd</sup> gear ratio</b>	1.42:1	<b>Maximum speed</b>	175.5 Km/h (109 Mph)
<b>4<sup>th</sup> gear ratio</b>	1.14:1	<b>Maximum speed</b>	219.2 Km/h (136 Mph)
<b>5<sup>th</sup> gear ratio</b>	0.94:1	<b>Maximum speed</b>	265.9 Km/h (165 Mph)
<b>6<sup>th</sup> gear ratio</b>	0.81:1	<b>Maximum speed</b>	315 Km/h (195 Mph)
<b>Reverse gear ratio</b>	n.a.	<b>Maximum speed</b>	n.a.
<b>Final drive ratio</b>	3.82:1		
<b>Rear differential</b>	45% limited slip		
<b>Front differential</b>	Slip limitation by ABD function		

## Performance

<b>Top speed</b>	315 Km/h (195 Mph)
<b>0-100 Km/h</b>	4.2 sec
<b>0-200 Km/h</b>	14.5 sec
<b>0-300 Km/h</b>	n.a.
<b>Standing Km</b>	22.5 sec
<b>¼ Mile</b>	12.2 sec reaching 122 Mph
<b>Capacities</b>	
<b>Fuel</b>	80 Lt.
<b>Engine oil</b>	10 Lt.
<b>Cooling system</b>	20 Lt.
<b>Luggage</b>	n.a.
<b>Price</b>	US MSRP \$ 199,700
<b>Current value</b>	Still demanding near or over MSRP in late 2006