



Lamborghini Gallardo 5.0 specifications

General information

Type of car	Lamborghini Gallardo
Years built	2003 – present day
Production	3000 units in November 2005 ...
Chassisnumbers	n.a.
Presentation	March 2003 Geneva Auto Show
Type of car	Two door coupe, two seater berlinetta
Designed by	Based on an ItalDesign - Giugiaro concept, further developed by the 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
	Front 365 x 34 mm
	Rear 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
	Type Pirelli P ZERO 'ROSSO' with asymmetric unidirectional tread
Front rim size	8.5 x 19 inch
Rear rim size	11 x 19 inch
	Type 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

Type	V-10 90 degree, 18 degree crankpin offset, light-alloy block, mid mounted (longitudinal), permanent four-wheel drive with viscous traction system
Distribution	Dual overhead camshafts
Main bearings	n.a.
Cylinder capacity	4961 cc
Bore and stroke	82.5 x 92.8 mm
Intake system :	Variable geometry
Valve gear :	Chain driven, intake and exhaust continuously variable valve timing, electronically controlled.
Compression ratio	11.0:1
Maximum power	500 bhp (367 kW) at 7800 rpm
from MY 2006	520 bhp (367 kW) at 8000 rpm
Maximum torque	510 Nm at 4500 rpm
Cooling system	Two water radiators + gearbox oil cooler + engine oil cooler
Emission control	Catalytic converters with lambda sensors
Engine management	Lamborghini L.I.E., with individual static ignition, multipoint sequential fuel injection, drive-by-wire system, OBD system
Plugs	n.a.
Electrical system	12 V
Alternator	n.a.
Fuel type	Unleaded 95 R.O.N.
Fuel consumption	19.5 Lit/100 Km
Lubrication	Dry sump

Drivetrain

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

Performance

Top speed	315 Km/h (195 Mph)		
0-100 Km/h	4.2 sec		
0-200 Km/h	14.5 sec		
0-300 Km/h	n.a.		
Standing Km	22.5 sec		
¼ Mile	12.2 sec reaching 122 Mph		
Capacities	Fuel	90 Lt.	
	Engine oil	10 Lt.	
	Cooling system	20 Lt.	
	Luggage	n.a.	
Price	European MSRP 145,180 Euro		
	US MSRP \$ 165,500		
Current value	during the summer of 2003, contracts were sold for \$15,000 to \$25,000 above the original sales price		