



Lamborghini Diablo specifications

General information

Type of car	Lamborghini Diablo
Years built	1990 – 1998
Production	About 900
Chassisnumbers	n.a.
Presentation	January 21; Hotel de Paris, Monte Carlo, Lamborghini day 2
Type of car	Two door coupe, two seater berlinetta, horizontally hinged doors
Designed by	Marcello Gandini
Built by	Automobili Lamborghini SpA

Dimensions

Wheelbase	2650 mm (104 in)
Overall length	4460 mm (175.6 in)
Overall width	2040 mm (80.3 in)
Overall height	1105 mm (43.5 in)
Head room	932 mm (36.7 in)
Leg room	1024 mm (40.3 in)
Shoulder room	1510 mm (59.4 in)
Hip room	800 mm (31.5 in)
Front track	1540 mm (60.6 in)
Rear track	1640 mm (64.6 in)
Ground clearance	115 mm (4.5 in), after 1993 127 mm (5.0 inch)
Front overhang	930 mm (36.6 in)
Rear overhang	880 mm (34.6 in)
Weight	1576 kg (3474 Lbs)
Distribution	41 / 59 % Front / Rear

Chassis

Structure	High-resistance steel alloy and carbon fiber.
Body	Aluminium alloy and composite materials (cx : 0.31), rear spoiler optionally available
Suspension	Independent front & rear with parallelogram action unequal length wishbones, anti-roll bar and front anti-dive / anti-squat geometry.
Brakes	All-wheel Brembo ventilated disc brakes with 4 calipers on the front and 2 calipers on the rear ones, with an H-type hydraulic circuit, and servo-assistance.
Front	330 x 32 mm (13 x 1.2 in)
Rear	284 x 22 mm (11.1 x 0.9 in)
	From 1993 on 310 x 28 mm (12.2 x 1.1 in) was mounted at the rear
Steering type	Unassisted mechanical rack and pinion
	From 1993 on power assisted steering was standard
Turning circle	12.55 m (41.18 Ft)
Front tyre size	245/40 ZR 17
Rear tyre size	335/35 ZR 17
Type	Pirelli P ZERO with asymmetric unidirectional tread
Front rim size	8.5 x 17 inch
Rear rim size	13 x 17 inch
Type	Three-piece OZ-Racing aluminium light-alloy

Engine

Type	V-12 60 degree, light-alloy block, mid mounted (longitudinal), rear wheel drive
Distribution	Dual overhead camshafts, chain drive, four valves/cylinder
Main bearings	7
Cylinder capacity	5709 cc (349 cu)
Bore and stroke	87 x 80 mm
Compression ratio	10.0:1
Maximum power	492 bhp at 7000 rpm
Maximum torque	580 Nm (428 lbs.ft.) at 5200 rpm
Cooling system	Pressurized circuit
Emission control	Three way catalytic convertors with lambda feedback
Plugs	n.a.
Electrical system	12 V
Alternator	85/115 Amp
Fuel system	Original L.I.E. Lamborghini electronic sequential multi-point injection
Fuel type	Unleaded 95 R.O.N.
Fuel consumption	16.0 Lt./100Km
Lubrication	Dry sump

Drivetrain

Type	Lamborghini five-speed + reverse manual all-synchromesh, ZF final drive with limited-slip differential		
Clutch	Dry-single plate, hydraulically operated		
	Disc diameter	254 mm (10 in)	
1 st gear ratio	2.31:1	Maximum speed	97.3 Km/h (60.5 Mph)
2 nd gear ratio	1.52:1	Maximum speed	147.7 Km/h (91.8 Mph)
3 rd gear ratio	1.12:1	Maximum speed	200.2 Km/h (124 Mph)
4 th gear ratio	0.88:1	Maximum speed	254.8 Km/h (158.4 Mph)
5 th gear ratio	0.68:1	Maximum speed	105.7 Km/h (65.7 Mph)
Reverse gear ratio	2.12:1	Maximum speed	105.7 Km/h (65.7 Mph)
Rear transferratio	1:1.59		
Rear differential	bevel gear type, limited slip 45%		
	Ratio	1:2.41	

Performance

Top speed	328 Km/h (203 Mph)		
0-100 Km/h	4.09 sec		
Standing Km	20.7 sec		
¼ Mile	n.a.		
Capacities	Fuel	100 Lt.	
	Engine oil	13 Lt.	
	Cooling system	15 Lt.	
	Luggage	140 Lt	
Price	\$ 239,000 (US MSRP in 1998)		
Current value	\$ 80,900 (1991 model) to \$ 139,600 (1996 model), based on sales in 2003		