



Lamborghini Special Edition Diablo 6.0 specifications

General information

Type of car	Special Edition Lamborghini Diablo 6.0
Years built	2001
Production	42
Chassisnumbers	n.a.
Presentation	March 2001 - Geneva Auto Show
Type of car	Two door coupe, two seater berlinetta, horizontally hinged doors
Designed by	Original Diablo design by Marcello Gandini VT 6.0 redesign by Luc Donckerwolcke
Built by	Automobili Lamborghini SpA

Dimensions

Wheelbase	2650 mm(104 in)
Overall length	4470 mm (176.1 in)
Overall width	2040 mm (80 in) 2200 mm including side mirrors
Overall height	1105 mm (43.5 in)
Front track	1610 mm (63.4 in)
Rear track	1670 mm (65.7 in)
Ground clearance	140 mm (5.5 in)
Front overhang	930 mm (36.6 in)
Rear overhang	880 mm (34.6 in)
Weight	1625 kg (3582 lbs)
Distribution	41 / 59 % Front / Rear

Chassis

Structure	Steel rectangular tube high strength alloy and composite carbon fiber.
Body	Aluminum alloy and hand lay-up composite materials with autoclave technology (cx : 0.31), rear spoiler optionally available
Suspension	Independent front & rear double wishbones, coil springs. Parallelogram action unequal length wishbones, anti-roll bar and front anti-dive / anti-squat geometry. Electronic shock absorber system with automatic and manual control system.
Brakes	All-wheel Brembo self-ventilated and perforated disc brakes with aluminum alloy four cylinder calipers. An H-type hydraulic circuit, servo-assistance and a Kelsey Hays / Lucas Varity ABS were standard issue.
	Front 365 x 32 mm, pistons 2 Ø 40 mm + 2 Ø 44 mm
	Rear 335 x 32 mm, pistons 2 Ø 38 mm + 2 Ø 44 mm
Handbrake :	Mechanical on the rear wheels
Steering type	Power assisted mechanical rack and pinion
Turning circle	13 m, 3.2 turns lock to lock
Front tyre size	235/35 ZR 18
Rear tyre size	335/35 ZR 18
	Type Pirelli P ZERO with asymmetric unidirectional tread
Front rim size	8.5 x 18 inch
Rear rim size	13 x 18 inch
	Type Single Cast OZ-Racing aluminum light-alloy

Engine

Type	V-12 60 degree, light-alloy block with pressed-in liners, mid mounted (longitudal), Viscous Traction four wheel drive
Distribution	Dual overhead camshafts, chain drive, four valves/cylinder and an electronic controlled intake variable Valve Timing System
Cylinder heads :	Aluminum alloy and magnesium
Crankcase :	Aluminum alloy
Intake manifold :	Magnesium
Main bearings	7
Cylinder capacity	5992 cc (366 cu)
Bore and stroke	87 x 84 mm
Compression ratio	10.7:1
Maximum power	550 bhp (405 kW) at 7100 rpm
Maximum torque	620 Nm at 5500 rpm
Cooling system	pressurized water cooling (1.2 bar), thermostatic valve, with 2 radiators 'in parallel', electric fans and a front mounted oil cooler
Emission control	Three way catalytic converters with oxygen sensors
Ignition	Electronic static with individual coils and integrated fuel injection
Plugs	n.a.
Electrical system	12 V
Alternator	14 V, 115 A
Battery :	12 V, 90 Ah
Fuel system	Speed density, original L.I.E. Lamborghini electronic sequential phased multipoint injection
Fuel type	Premium unleaded 95 R.O.N.
Fuel consumption	16.0 Lt./100Km
Lubrication	Gear type pump
Oil filter :	Full flow cartridge

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)	
1st gear ratio	2.31:1	Maximum speed	98.2 Km/h (61 Mph)
2nd gear ratio	1.52:1	Maximum speed	149.1 Km/h (93 Mph)
3rd gear ratio	1.12:1	Maximum speed	202 Km/h (125.5 Mph)
4th gear ratio	0.88:1	Maximum speed	255.6 Km/h (159 Mph)
5th gear ratio	0.68:1	Maximum speed	335 Km/h (208 Mph)
	(optional)	0.694:1	
Reverse gear ratio	2.12:1	Maximum speed	106.8 Km/h
Front transfer ratio	1:0.81		
Front differential type	bevel gear type, limited slip 25%		
	Ratio	1:2.81	
Rear transfer ratio	1:1.619		
Rear differential type	bevel gear type, limited slip 45%		
	Ratio	1:2.41	
Central differential :	Viscous coupling		

Performance

Top speed	335 Km/h (208 Mph) 359 Km/h with the optional gear settings (225 Mph)		
0-100 Km/h	3.95 sec		
Standing Km	20,5 sec		
¼ Mile	n.a.		
Capacities			
	Fuel	100 Lt.	
	Engine oil	13 Lt.	
	Cooling system	15 Lt.	
	Luggage	140 Lt.	
Price	European MSRP 218,500 Euro		
Current value	US \$ 154.300 - 192.600, based on sales in 2003, in Europe around 180,000 Euro		