



## Lamborghini Diablo VT 6.0 specifications

### General information

Type of car	Lamborghini Diablo VT 6.0
Years built	2000 – 2001
Production	n.a.
Chassisnumbers	n.a.
Presentation	January 2000 - Detroit 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.
	<b>Front</b> 365 x 32 mm, pistons 2 Ø 40 mm + 2 Ø 44 mm
	<b>Rear</b> 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
	<b>Type</b> Pirelli P ZERO with asymmetric unidirectional tread
Front rim size	8.5 x 18 inch
Rear rim size	13 x 18 inch
	<b>Type</b> Single Cast OZ-Racing aluminum light-alloy

## Engine

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

## Drivetrain

<b>Type</b>	Lamborghini five-speed + reverse manual all-synchromesh, ZF final drive with limited-slip differential		
<b>Clutch</b>	Dry-single plate, hydraulically operated		
	<b>Disc diameter</b>	254 mm (10 in)	
<b>1<sup>st</sup> gear ratio</b>	2.31:1	<b>Maximum speed</b>	98.2 Km/h (61 Mph)
<b>2<sup>nd</sup> gear ratio</b>	1.52:1	<b>Maximum speed</b>	149.1 Km/h (93 Mph)
<b>3<sup>rd</sup> gear ratio</b>	1.12:1	<b>Maximum speed</b>	202 Km/h (125.5 Mph)
<b>4<sup>th</sup> gear ratio</b>	0.88:1	<b>Maximum speed</b>	255.6 Km/h (159 Mph)
<b>5<sup>th</sup> gear ratio</b>	0.68:1	<b>Maximum speed</b>	335 Km/h (208 Mph)
	(optional)	0.694:1	
<b>Reverse gear ratio</b>	2.12:1	<b>Maximum speed</b>	106.8 Km/h
<b>Front transfer ratio</b>	1:0.81		
<b>Front differential type</b>	bevel gear type, limited slip 25%		
	<b>Ratio</b>	1:2.81	
<b>Rear transfer ratio</b>	1:1.619		
<b>Rear differential type</b>	bevel gear type, limited slip 45%		
	<b>Ratio</b>	1:2.41	
<b>Central differential :</b>	Viscous coupling		

## Performance

<b>Top speed</b>	335 Km/h (208 Mph) 359 Km/h with the optional gear settings (225 Mph)
<b>0-100 Km/h</b>	3.95 sec
<b>Standing Km</b>	20,5 sec
<b>¼ Mile</b>	n.a.
<b>Capacities</b>	
	<b>Fuel</b> 100 Lt.
	<b>Engine oil</b> 13 Lt.
	<b>Cooling system</b> 15 Lt.
	<b>Luggage</b> 140 Lt
<b>Price</b>	US MSRP \$ 274.900
<b>Current value</b>	US \$ 154.300 - 192.600, based on sales in 2003, in Europe around 180,000 Euro