



Lamborghini Diablo VT Roadster specifications

General information

| | |
|-----------------------|--|
| Type of car | Lamborghini Diablo VT Roadster |
| Years built | December 1995 - October 1998 |
| Production | estimated at about 200 |
| Chassisnumbers | n.a. |
| Presentation | December 1995, Bologna Auto Show |
| Type of car | Two door, two seater open car, horizontally hinged doors |
| Designed by | Marcello Gandini |
| Built by | Automobili Lamborghini SpA |

Dimensions

| | |
|-------------------------|-------------------------------|
| Wheelbase | 2650 mm (104 in) |
| Overall length | 4470 mm (176 in) |
| Overall width | 2040 mm (80.3 in) |
| Overall height | 1115 mm (43.9 in) |
| Front track | 1540 mm (60.6 in) |
| Rear track | 1640 mm (64.6 in) |
| Ground clearance | 140 mm (5.5 in) |
| Front overhang | 930 mm (36.6 in) |
| Rear overhang | 890 mm (35 in) |
| Weight | 1625 kg (3582 Lbs) |
| Distribution | 47 / 53 % Front / Rear |

Chassis

| | |
|------------------------|--|
| Structure | Steel rectangular tube high strength alloy and composite carbon fiber. |
| Body | Aluminum alloy and hand layup composite materials with autoclave technology (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. Electronic, active suspension with automatic and manual control. |
| Brakes | All-wheel Brembo ventilated disc brakes with an H-type hydraulic circuit and servo-assistance. |
| | Front 330 x 32 mm (13 x 1.2 in) with 4 calipers |
| | Rear 310 x 28 mm (12.2 x 1.1 in) with 2 calipers |
| Steering type | Power assisted mechanical rack and pinion |
| Turning circle | 12.55 m (41.18 Ft), 3.2 turns lock to lock. |
| Front tyre size | 235/40 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 aluminum light-alloy |

Engine

| | |
|-------------------|--|
| Type | V-12 60 degree, light-alloy block mid mounted (longitudinal), Viscous Traction four wheel drive. |
| Distribution | Dual overhead camshafts, chain drive, four valves/cylinder |
| Main bearings | 7 |
| Cylinder capacity | 5707 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 water cooling |
| Emission control | Three way catalytic converters with oxygen sensors |
| Ignition | Electronic with integrated injection |
| 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 | 325 Km/h (202 Mph) |
| Reverse gear ratio | 2.12:1 | Maximum speed | 105.7 Km/h (65.7 Mph) |
| Front transfer ratio | 1:0.81 | | |
| Rear transfer ratio | 1:1.59 | | |
| Front differential | bevel gear type, limited slip 25% | | |
| | Ratio | 1:2.81 | |
| Rear differential | bevel gear type, limited slip 45% | | |
| | Ratio | 1:2.41 | |
| Central differential type | Viscous coupling | | |

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 | 1998 MSRP was \$ 275,000 |
| Current value | \$ 136,500 (1996 model) to \$ 192,200 (1998 model), based on sales in 2003 |



Lamborghini Diablo VT Roadster specifications (MY1999)

General information

| | |
|-----------------------|--|
| Type of car | Lamborghini Diablo VT Roadster MY 1999 |
| Years built | October 1998 - February 2000 |
| Production | probably a little over 100 |
| Chassisnumbers | n.a. |
| Presentation | Paris Mondial de l'Automobile in October 1998. |
| Type of car | Two door, two seater open car, horizontally hinged doors |
| Designed by | Marcello Gandini |
| Built by | Automobili Lamborghini SpA |

Dimensions

| | |
|-------------------------|-------------------------------|
| Wheelbase | 2650 mm(104 in) |
| Overall length | 4470 mm (176.1 in) |
| Overall width | 2040 mm (80.3 in) |
| Overall height | 1115 mm (43.9 in) |
| Front track | 1540 mm (60.6 in) |
| Rear track | 1640 mm (64.6 in) |
| Ground clearance | 140 mm (5.5 in) |
| Front overhang | 930 mm (36.6 in) |
| Rear overhang | 890 mm (35 in) |
| Weight | 1625 kg (3582 Lbs) |
| Distribution | 43 / 57 % Front / Rear |

Chassis

| | |
|------------------------|--|
| Structure | Steel rectangular tubes in high strength alloy and carbon fiber composite panels. |
| Body | Aluminum alloy and hand lay-up composite materials with autoclave technology (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. Electronic shock absorber system with automatic and manual control system. |
| Brakes | All-wheel Brembo ventilated and perforated disc brakes with aluminum alloy four cylinder calipers. An H-type hydraulic circuit, servo-assistance and a Kelsey Hays / Lucas derived ABS were standard issue. |
| | Front 355 x 32 mm |
| | Rear 335 x 32 mm |
| Steering type | Power assisted mechanical rack and pinion |
| Turning circle | 12.55 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 Three-piece OZ-Racing aluminum light-alloy |

Engine

| | |
|-------------------|---|
| Type | V-12 60 degree, light-alloy block mid mounted (longitudinal), Viscous Traction four wheel drive. |
| Distribution | Dual overhead camshafts, chain drive, four valves/cylinder |
| Main bearings | 7 |
| Cylinder capacity | 5707 cc (349 cu) |
| Bore and stroke | 87 x 80 mm |
| Compression ratio | 10.0:1 |
| Maximum power | 530 bhp at 7100 rpm |
| Maximum torque | 605 Nm (445 lbs.ft., 61.7 kgm) at 5500 rpm |
| Cooling system | Pressurized water cooling with two radiator and one oil cooler. |
| Emission control | Dual, three way catalytic convertors with Lambda oxygen sensors. |
| Ignition | Electronic with integrated injection |
| Plugs | n.a. |
| Electrical system | 12 V |
| Alternator | 85/115 Amp |
| Fuel system | Integrated L.I.E. Lamborghini electronic sequential phased multi-point injection with a variable Valve Timing System. |
| 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 | 98.2 Km/h (61 Mph) |
| 2 nd gear ratio | 1.52:1 | Maximum speed | 149.1 Km/h (93 Mph) |
| 3 rd gear ratio | 1.12:1 | Maximum speed | 202 Km/h (125.5 Mph) |
| 4 th gear ratio | 0.88:1 | Maximum speed | 255.6 Km/h (159 Mph) |
| 5 th gear ratio | 0.68:1 | Maximum speed | 335 Km/h (208 Mph) |
| Reverse gear ratio | 2.12:1 | Maximum speed | 106.8 Km/h |
| Front transfer ratio | 1:0.81 | | |
| Rear transfer ratio | 1:1.619 | | |
| Front differential | bevel gear type, limited slip 25% | | |
| | Ratio | 1:2.81 | |
| Rear differential | bevel gear type, limited slip 45% | | |
| | Ratio | 1:2.41 | |
| Central differential type | Viscous coupling | | |

Performance

| | | | |
|---------------|---|---------|--|
| Top speed | 335 Km/h (208 Mph) | | |
| 0-100 Km/h | 3.95 sec | | |
| Standing Km | 20.3 sec | | |
| ¼ Mile | n.a. | | |
| Capacities | | | |
| | Fuel | 100 Lt. | |
| | Engine oil | 13 Lt. | |
| | Cooling system | 15 Lt. | |
| | Luggage | 140 Lt | |
| Price | \$ 286.300 (US MSRP in 1999) | | |
| Current value | US \$ 197.800 - 219.700, based on sales in 2003 | | |