



## Lamborghini Diablo GT specifications

### General information

<b>Type of car</b>	Lamborghini Diablo GT
<b>Years built</b>	1999
<b>Production</b>	limited to 80 units, but 83 were built in total.
<b>Chassisnumbers</b>	n.a.
<b>Presentation</b>	March 1999 Geneva Auto Show, second evolution on the 1999 Frankfurt Auto Show.
<b>Type of car</b>	Two door coupe, two seater berlinetta, horizontally hinged doors
<b>Designed by</b>	Marcello Gandini
<b>Built by</b>	Automobili Lamborghini SpA

### Dimensions

<b>Wheelbase</b>	2650 mm(104 in)
<b>Overall length</b>	4430 mm (174.5 in)
<b>Overall width</b>	2040 mm (80 in) 2200 mm including side mirrors
<b>Overall height</b>	1115 mm (43.9 in)
<b>Front track</b>	1610 mm (63.4 in)
<b>Rear track</b>	1670 mm (65.7 in)
<b>Ground clearance</b>	110 mm (4.3 in)
<b>Front overhang</b>	925 mm (36.4 in)
<b>Rear overhang</b>	865 mm (34.0 in)
<b>Weight</b>	1460 Kg (3218 Lbs)
<b>Distribution</b>	40 / 60 % <b>Front / Rear</b>

### Chassis

<b>Structure</b>	Steel rectangular tube high strength alloy and composite carbon fiber components.
<b>Body</b>	Aluminum alloy with carbon fiber and fiberglass reinforced plastic parts, a carbon fiber adjustable rear spoiler was standard.
<b>Suspension</b>	Independent front & rear with parallelogram action unequal length control arms, anti-roll bar, one coil shock unit at the front two coils at the rear axle.
<b>Brakes</b>	All-wheel Brembo ventilated/drilled disc brakes with 4 calipers on the front brakes and 2 calipers on the rear ones, a double hydraulic circuit with servo-assistance and a Kelsey Hays/Lucas derived ABS.
	<b>Front</b> 355 x 32 mm (14 x 1.3 Inch)
	<b>Rear</b> 335 x 32 mm (13.2 x 1.3 Inch)
<b>Steering type</b>	Variable power assisted mechanical rack and pinion.
<b>Turning circle</b>	n.a.
<b>Front tyre size</b>	245/35 ZR 18
<b>Rear tyre size</b>	335/30 ZR 18
	<b>Type</b> Pirelli P ZERO with asymmetric unidirectional tread
<b>Front rim size</b>	8.5 x 18 inch
<b>Rear rim size</b>	13 x 18 inch
	<b>Type</b> Three-piece OZ-Racing with cast aluminum hub and forged high gloss polished aluminum rim.

## Engine

<b>Type</b>	V-12 60 degree, light-alloy block with magnesium intakes, mid mounted (longitudal), rear wheel drive.
<b>Distribution</b>	Dual overhead camshafts, chain drive, four valves/cylinder, intake variable valve timing, electronically controlled.
<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>	575 Bhp at 7300 rpm
<b>Maximum torque</b>	630 Nm at 5500 Rpm (464 Lbs/Ft. - 63.6 Kgm)
<b>Cooling system</b>	1.2 bar pressurized water cooling with front mounted oil cooler.
<b>Emission control</b>	Dual three way catalytic convertors with Lambda sensors.
<b>Ignition</b>	Static ignition with individual coils.
<b>Plugs</b>	n.a.
<b>Electrical system</b>	12 V
<b>Alternator</b>	115 Amp
<b>Fuel system</b>	Original L.I.E. Lamborghini electronic sequential multi-point injection with a variable Valve Timing System.
<b>Fuel type</b>	Unleaded 95 R.O.N.
<b>Fuel consumption</b>	n.a.
<b>Lubrication</b>	Dry sump

## 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>	99.1 Km/h (62 Mph)
<b>2<sup>nd</sup> gear ratio</b>	1.52:1	<b>Maximum speed</b>	151.3 Km/h (94 Mph)
<b>3<sup>rd</sup> gear ratio</b>	1.12:1	<b>Maximum speed</b>	204 Km/h (127 Mph)
<b>4<sup>th</sup> gear ratio</b>	0.88:1	<b>Maximum speed</b>	257.3 Km/h (160 Mph)
<b>5<sup>th</sup> gear ratio</b>	0.68:1	<b>Maximum speed</b>	338 Km/h (210 Mph)
Three optional 5th gear ratio's were possible, this was the standard one.			
<b>Reverse gear ratio</b>	2.12:1	<b>Maximum speed</b>	107.3 Km/h
<b>Rear transferratio</b>	1:1.619		
<b>Rear differential</b>	bevel gear type, limited slip 45%		
	<b>Ratio</b>	1:2.41	

## Performance

<b>Top speed</b>	338 Km/h (210 Mph) 345 Km/h. (215 Mph) was available with optional gear ratio !
<b>0-100 Km/h</b>	3.90 sec
<b>Standing Km</b>	20,0 sec reaching 246 Km/h
<b>¼ Mile</b>	n.a.
<b>Capacities</b>	
	<b>Fuel</b> 100 Lt.
	<b>Engine oil</b> 15 Lt.
	<b>Cooling system</b> 15 Lt.
	<b>Luggage</b> 140 Lt
<b>Price</b>	Approx. US \$ 300,000
<b>Current value</b>	US \$ 230.000 - 280.000, based on sales in 2003