

Diablo ROADSTER



1996 *Diablo* Roadster

GENERAL

VEHICLE TYPE: Two-door, two-seater, mid-engined open car, openable hard top with housing on the engine cover, 4WD

DIMENSIONS

EXTERIOR:

Wheelbase	104.3 inches
Length	178.8 inches
Width	80.3 inches
Height	44.6 inches
Ground Clearance	5.5 inches
Weight	3582 lbs. (w/fluids)
Weight Distribution, front to rear (%)	47/53

INTERIOR:

Head Room (top on)	37.3 inches
Leg Room	40.3 inches
Shoulder Room	59.4 inches
Hip Room	31.5 inches



CHASSIS

FRAME: Rectangular tubes in high strength steel alloy and carbon fiber composite material.

BODY: Aluminum alloy and hand lay-up composite materials.

Suspension: Independent front and rear double wishbones, coil springs, anti-roll bar.

BRAKE SYSTEM: Power Vacuum H system, Aluminum alloy calipers, ventilated discs:

Front disc size: 12.8 x 1.3 in.

Rear disc size: 12.4 x 1.1 in.

STEERING: Power assisted rack and pinion: curb to curb turning diameter 511.8 inches.

TIRES:

Front 235/40 ZR 17

Rear 334/35 ZR 17

WHEELS: Aluminum Alloy

Front 8.5 x 17 inches

Rear 13 x 17 inches

PERFORMANCE

Top Speed 200.3 mph

Acceleration 4.0 seconds

FUEL CONSUMPTION (EPA standards)

Highway 14 mpg

City 9 mpg

ENGINE

V12 quad valve DOHC aluminum construction, mid-longitudinal

Displacement 5.7 liters

Bore & Stroke 3.43 x 3.15 inches

Compression Ratio 10.0:1

Maximum Horsepower 492 SAE @ 7000 RPM

Maximum Torque 428 lb/ft @ 5200 RPM

Fuel Requirement Premium unleaded fuel

DRIVETRAIN

Transmission 5 speed manual

Clutch dry single plate 10"

Gear Ratios:

1st 1:2.31 (60.3 mph)

2nd 1:1.52 (91.6 mph)

3rd 1:1.12 (124.1 mph)

4th 1:0.88 (158.0 mph)

5th 1:0.68 (200.3 mph)

Reverse 1:2.12 (65.5 mph)

Differential:

Front - Bevel Gear Type - limited slip 25% - ratio 1:2.81

Rear - Bevel Gear Type - limited slip 45% - ratio 1:2.41

Central Differential - Viscous Coupling

CAPACITIES

Engine oil 13.8 quarts

Fuel tank 26 US gallons

Engine coolant 15.9 quarts

Trunk volume 5.3 cubic feet



(All specifications are subject to change without notice.)



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