

# 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.)