

Turbo

Contributed by
 Wednesday, 30 August 2006
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- Years Produced:
 2003 (December)

- No. Produced:
 350

- Colours:
 Velocity Red Mica
 Pure White
 Sunlight Silver Metallic
 Grace Green Mica

- Spec:Photos courtesy of Mazda.

The following is Mazda blurb:

Mazda Motor Corporation has added a new turbocharged engine model to its Mazda Roadster, the world's best-selling lightweight sports car. The limited edition Mazda Roadster Turbo goes on sale from the beginning of February at Mazda Anfini and Mazda dealerships throughout Japan.

The new Roadster Turbo not only delivers more power, but also provides high torque from a low-speed range to ensure a linear response to acceleration, based on the concept of "oneness between car and driver." Mazda has employed a turbocharged engine with an intercooler and tuned the chassis, achieving a high level of integrated balance in its powertrain under the concept. The specially-tuned low-down suspension with Bilstein dampers and large diameter 17-inch tires provide strong support for the wide range flat torque and powerful acceleration produced by the turbo engine. Further, exclusive equipment including newly designed aero parts and metal tone interior parts further emphasize the car's sports spirit. The new Roadster Turbo achieves a superb overall vehicle balance for enhanced driving pleasure creating a feeling of "oneness between car and driver." The new model offers a choice of four different interior packages and four body colors to meet the diverse needs of customers.

The new Roadster Turbo is marketed through regular dealer networks as well as via the Internet at Web Tune Factory.

Sales volume for this model is limited to 350 units.

Major Features of Roadster Turbo

1.

1.8-liter turbocharged engine with intercooler that delivers a broad, strong torque band

The new model is equipped with a turbocharged engine that starts up with excellent response from a low-speed range and produces flat torque over a wide range of engine speeds. Torque has been increased by over 20 percent compared to the base model. The turbo model also features a specialized red engine cover, exclusive radiator, and iridium plugs.

2.

Enhanced powertrain supports high torque produced in a wide speed range

In response to the increased torque produced by the turbocharged engine, Mazda has reinforced the engine power transmission parts. The new model employs an upgraded clutch and transmission, reinforced drive and propeller shafts, torque-sensing LSD and specially designed muffler.

3.

Chassis tuned for high performance to match the high torque produced by the turbocharged engine

The new model features 205/40R17 80W tires and 17x7J aluminum wheels, exclusively tuned low-down suspension employing Bilstein dampers and silver-painted brake calipers.

4.

Exterior and interior designs that embody the sports spirit

Exterior

Employs newly designed front, rear, and rear under spoilers, smoked headlamp bezels and ornaments designed especially for the Roadster Turbo.

Interior

Exclusively designed interior includes the following:

- genuine leather-wrapped (with red stitched) steering wheel, shift knob and parking brake lever.

- Silver meter panel.
- Audio component including AM/FM electronic tuner and in-dash 6 disk CD changer.
- Metal tone center and shift panels.
- Rearview mirror cover with Roadster logo.
- Aluminum pedal set.

And the following interior packages are available:

Interior

Package 1. Red&black cloth interior package (standard specifications)

2. Black cloth interior package (manufacturer's option)

3. Beige genuine leather interior package (manufacturer's option)

4. Black genuine leather (w/ red stitched) interior package (manufacturer's option)

* Interior packages 1 and 4 are exclusive to Roadster Turbo.

5.

Available in four body colors including Velocity Red Mica

The Roadster Turbo is available in Velocity Red Mica (exclusive to turbo model), Pure White, Sunlight Silver Metallic and Grace Green Mica.

Specifications

Overall

dimensions Length/Width/Height 3,965mm/1,680mm/1,235mm

Wheelbase 2,265mm

Overall weight 1,120kg

Engine Type Water-cooled in-line 4-cylinder DOHC 16-valve turbo

Displacement 1,839cc

Compression ratio 9.5

Maximum output 172PS (126kW) [@6000rpm]

Maximum torque 21.3kg/m (209Nm) [@5500rpm]

Fuel economy in 10-15 mode 12.2km/L

Manufacturer's Suggested Retail Price (without tax) (Unit: 1,000 yen)

Model Engine Transmission Retail price

Roadster Turbo In-line 4 1.8L DOHC turbo 6MT 2,570