

2004 mazda 3 powertrain repair guide

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The 2004 Mazda 3: A Comprehensive Overview**

Drivetrain and Maintenance

The 2004 Mazda 3 features a front-wheel drive drivetrain. This setup provides optimal handling and performance in most driving conditions.

Recommended maintenance for the 2004 Mazda 3 includes:

- **Oil and filter change:** Every 5,000 miles
- **Tire rotation:** Every 7,500 miles
- **Brake inspection:** Every 15,000 miles
- **Major service (timing belt/chain replacement):** Every 60,000 miles

Reliability and Durability

The 2004 Mazda 3 offers reliable performance with a decent safety rating. However, it may experience some issues, such as:

- Ignition coil failures
- Power window problems
- Suspension components wear out prematurely

Fuel Consumption and Performance

The 2004 Mazda 3 has a fuel economy rating of approximately:

- 24 mpg city / 33 mpg highway (2.0L engine)

The engine is known for its power and responsiveness, providing a spirited driving experience. However, the 0-60 mph acceleration time is around 8.5 seconds, which is not particularly fast.

Engine Lifespan and Timing System

The 2004 Mazda 3 engine has a lifespan of approximately 200,000 miles with proper maintenance.

It uses a timing chain instead of a timing belt, which is more durable and requires less frequent replacement. The timing chain should be replaced around 60,000 miles.

Reliability and Maintenance Costs

The 2004 Mazda 3 is generally reliable, but it is not immune to repairs. Maintenance costs can vary depending on the specific problems encountered.

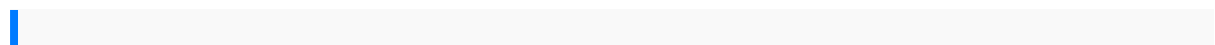
Fuel Efficiency and Maintenance

To reduce fuel consumption in your 2004 Mazda 3, consider:

- Driving conservatively (avoiding hard acceleration and braking)
- Maintaining proper tire pressure
- Removing unnecessary weight from the car

Additional Features and Specifications

- The fuel tank capacity of the 2004 Mazda 3 is 14.5 gallons.
- The Mazda 3 is available with either front-wheel or all-wheel drive.
- The Mazda 3's AWD system is not always on and only engages when necessary for improved traction.



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