

# 4m50 common rail diesel engine

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### **4M50 Common Rail Diesel Engine FAQs**

#### **Q: What is a 4M50 common rail diesel engine?**

A: The 4M50 is a 4-cylinder, 2.5-liter common rail diesel engine manufactured by Mitsubishi Motors. Common rail technology involves injecting fuel directly into the engine's cylinders at high pressure, resulting in improved fuel efficiency and power output.

#### **Q: What are the key features of the 4M50 engine?**

A: The 4M50 engine features a single overhead camshaft (SOHC), 16 valves, and a compression ratio of 16.4:1. It generates up to 180 horsepower and 430 Nm of torque, providing excellent performance and fuel economy.

#### **Q: What vehicles does the 4M50 engine power?**

A: The 4M50 engine is found in a wide range of Mitsubishi vehicles, including the Triton/L200 pickup truck, Pajero/Montero SUV, and Outlander/Airtrek crossover SUV. It is also used in some Renault, Nissan, and PSA Peugeot Citroën models.

#### **Q: What are the advantages of the 4M50 engine?**

A: The 4M50 engine offers several advantages, including:

- Improved fuel efficiency due to common rail technology
- Enhanced power and torque output for better performance
- Reduced emissions due to more efficient combustion
- Durability and reliability for long-term use

**Q: Are there any known issues with the 4M50 engine?**

A: While the 4M50 engine is generally reliable, there have been some reported issues, including:

- Turbocharger failures in some models
- Injector problems leading to engine misfires
- Excessive oil consumption in certain cases

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