

## DIESEL ENGINE MAINTENANCE BENEFITS

**EXTENDED LIFE EXPECTANCY:** 

Did you know that regular maintenance can significantly

extend the life of your diesel engine? By sticking to a

proper routine, you'll not only ensure peak performance but also save on long-term operating costs.

## OF PREVENTATIVE **MAINTENANCE** Why it matters: • Less Wear & Tear: Reduces strain on components like pistons and injectors.

01.

THE POWER

- Avoid Big Failures: Catches issues before they become costly.
- Boost Efficiency: Cleaner engines burn fuel more effectively.

## *02.*

#### **KEY DIESEL ENGINE MAINTENANCE ROUTINES**

#### Maintenance schedules vary by engine. Always consult your owners manual. Oil and Filter Changes

• Change oil every 5,000 to 7,500 miles max. Getting your oil analyzed regularly is also

Replace fuel filters every

to avoid injector damage.

#### 15,000 miles. Drain water separators regularly

good practice.

**Fuel System Care** 

- Air Filter Replacement Inspect air filters every
- 10,000 miles and replace around 30,000 miles. Keeps dirt and debris

from entering the engine.

**Coolant System Maintenance** 

## Replace coolant every

- 100,000 miles or sooner. Check for leaks or degraded hoses.
- Inspect turbochargers every 50,000 miles.

- Clean exhaust systems to avoid carbon buildup.

03.

**LONG-TERM** 

**MAINTENANCE** 



**BENEFITS OF PROPER** 

• Longer Engine Life: Adds years to engine life.

Better Resale: Maintained engines sell for more.

• Lower Costs: Saves on fuel and avoids expensive repairs.

# • Eco-Friendly: Reduces emissions and waste.

- glow plugs.
- *05.*

Stick to the manufacturer's recommended schedule.

✓ Use high-quality lubricants and fuel additives. ✓ Work with certified diesel technicians.

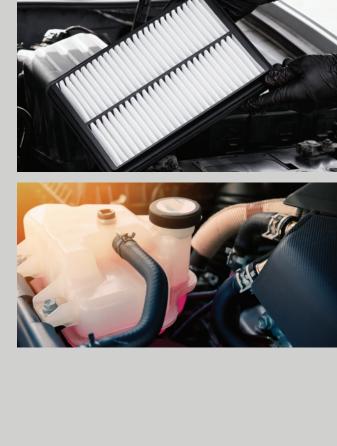
Keep a log of all service records.

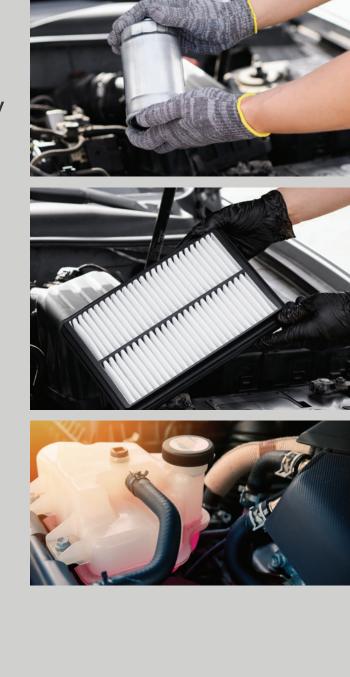
TIPS FOR CONSISTENT

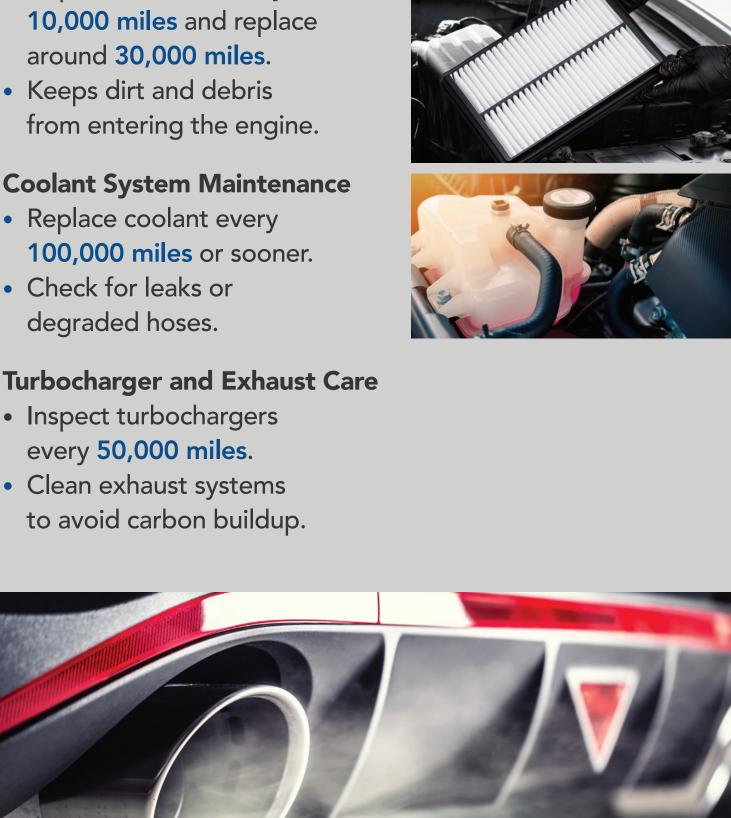
**MAINTENANCE** 

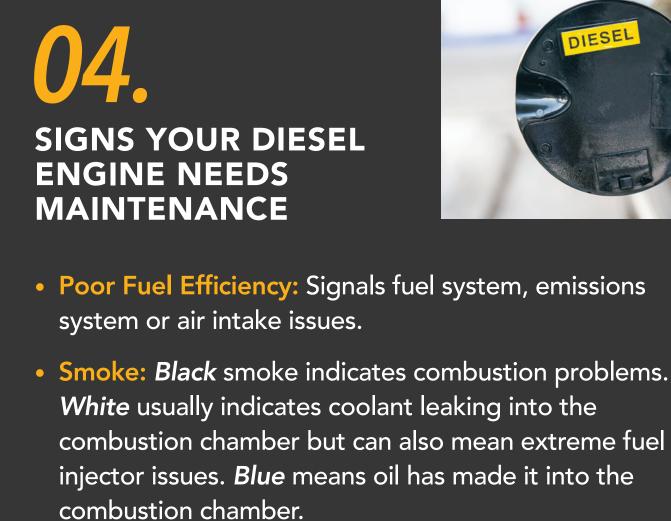


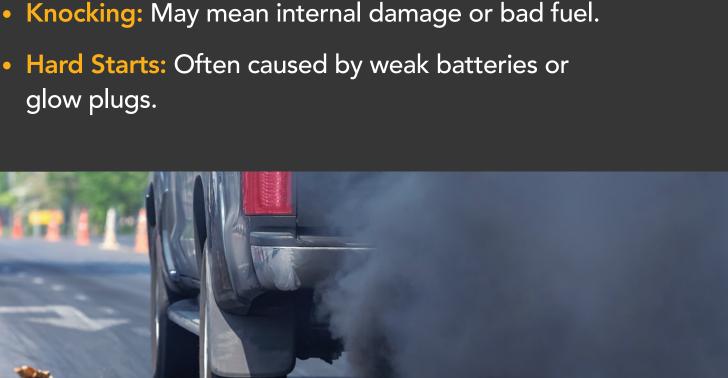
















https://enginelearner.com/how-often-should-you-service-a-diesel-engine/