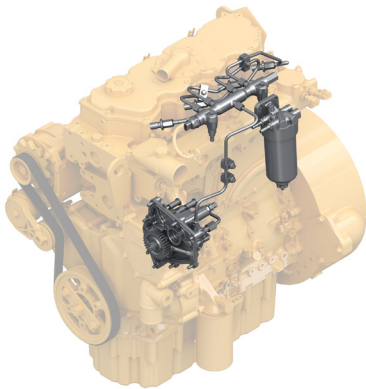


# CAT® SELF-SERVICE OPTIONS

416D/E/F: BACKHOE LOADER FUEL SYSTEM TUNE-UP KIT

Maintaining optimal engine performance is critical to your machine's overall operation. Contaminated fuel can create injector issues that can burn up to 12 percent more fuel. But with good maintenance to your fuel system, you can prevent lost fuel savings and lower your operating costs by as much as 10 percent.

Our Fuel System Tune-Up kit is a comprehensive repair package with everything you need to perform the repair yourself. From warning signs to look for to step-by-step repair instructions, we have you covered.



## Warning signs

Watch for these common repair indicators

- >> Malfunctioning Fuel Injectors
- >> Lack of Power
- >> Unusual Noises
- >> Low Fuel Pressure
- >> White Smoke on Start-Up (Unburned fuel)
- >> Increased Fuel Consumption



## Elements of the Fuel System Tune-Up Kit

### Customizable Parts List

- >> Fuel Injectors
- >> Fuel Priming Pump
- >> Fuel Filter Element
- >> Water Separator Element
- >> Belts
- >> Primary Air Filter
- >> Seals and Gaskets

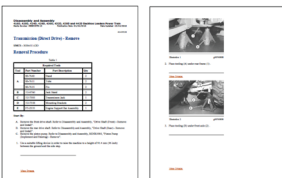
### Recommended Tools

- >> Timing Pin
- >> Combination Puller
- >> Crankshaft Turning Tool
- >> Filter Wrench

### Additional Options

- >> Fuel Injection Pump
- >> Valve Group Solenoid
- >> Fuel Temperature Switch
- >> Replacement Turbocharger

### Repair Instructions



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