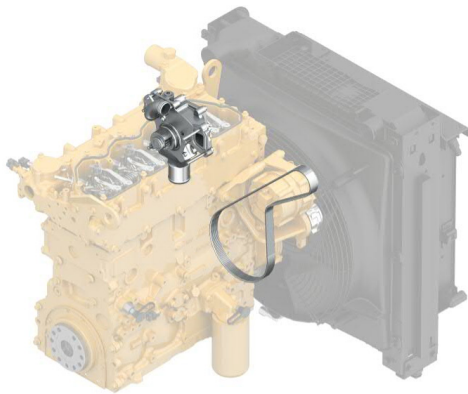


# CAT® SELF-SERVICE OPTIONS

420D/E/F: BACKHOE LOADER COOLING SYSTEM TUNE-UP KIT

Maintaining optimal engine temperature is critical to your machine's overall operation. In fact, over 60 percent of major component malfunctions are caused by cooling system failure. But an easy tune-up can prevent premature wear and actually improve overall cooling system performance by as much as 30 percent.

Our Cooling 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

- >> Overheating
- >> Overcooling
- >> White smoke
- >> Leaking head gasket
- >> Leaking water pump
- >> Debris in Oil Filter
- >> Presence of abnormal wear in S•O•S<sup>SM</sup>

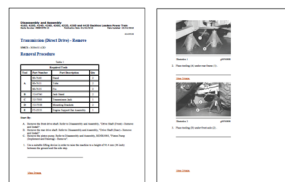


## Elements of the Cooling System Tune-Up Kit

### Customizable Parts List

- >> Water Temperature Regulator
- >> Water Pump
- >> Switch and Temperature Sensor
- >> Gaskets
- >> Belts
- >> Primary Air Filter
- >> Air Filter Indicator
- >> Coolant ELC

### Repair Instructions



### Additional Options

- >> Replacement Hoses
- >> Replacement Belt Tensioner
- >> Replacement Radiator and Hydraulic Oil Cooler Group
- >> Replacement Engine Oil Cooler

**BUILT FOR IT.**

[www.cat.com](http://www.cat.com)

© 2017 Caterpillar • All Rights Reserved • Printed in USA  
CAT, CATERPILLAR, BUILT FOR IT, their respective logos, "Caterpillar Yellow," the "Power Edge" trade dress as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.

