

## P0298

### Fault code description

Engine oil temperature - Too high

### Possible cause

1. Fouled coolant strainer in oil module (Remove the coolant strainer according to the instructions in Engine Rapido)
2. Faulty thermostat in oil module

### Additional information

-

### Set condition of fault code

-

### Reset condition of fault code

-

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## P0298, Diagnostic information

### Technical data

-

### Location of component(s)

-

### Electrical diagram(s)

-

### Description of component(s)

["Oil module"](#)

### Block diagram

-

## Step by step troubleshooting



Please perform the troubleshooting steps below by utilising the breakout harness if necessary to check electrical components such as sensors, electrical control units or harnesses. Back probing is not recommended as it could damage the harness. The ignition should always be in the **OFF** position when connecting or disconnecting electrical components to reduce the likelihood of damage to electrical components.



- This troubleshooting tree is based on the assumption that supply power and earth to the PMCI are functioning properly.
- Disconnecting the PMCI connectors during the troubleshooting process will result in multiple errors.
- For specific electrical component information and pin out locations, always refer to the technical data in Rapido.

- It is necessary to exit the 'active errors' screen in DAVIE and run the diagnostic test again to identify a change in errors.
- Remember that the truck's operational or mechanical issues may be the root cause of both active and inactive codes. Refer to the 'possible causes' section in Rapido.

## Step by step 1: Oil and coolant

### Step 1A: Check oil and coolant

#### Troubleshooting steps

1. Check oil level and oil quality (need oil change?).
2. Check the coolant level.

#### Was any issue found?

- **Yes** – If oil or coolant levels are low, then fill. Ask the driver if they fill these often, then check for leaks. If they refill often and there are no leaks, contact PACCAR Engine Support Center as there may be an internal leak. Proceed to step 2A.
- **No** – Proceed to step 2A.

## Step by step 2: Oil cooler and filters

### Step 2A: Check oil cooler and filters

#### Troubleshooting steps

1. Check the oil cooler and filters.

#### Is there any issue?

- **Yes** – Resolve issues as needed. Proceed to step 3.
- **No** – Proceed to step 3.

## Step by step 3: Validation

## Step 3A: Validate Repair

### Troubleshooting steps

1. Drive in an attempt to make the fault active.

### Is the fault code active?

- Yes – Proceed to step 4A.
- No – Troubleshooting completed.

## Step by step 4: Contact PACCAR Engine Support Center

### Step 4A: Assistance

Contact the PACCAR Engine Support Center for further assistance.

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