

## P1180

### Fault code description

Fuel temperature - Data valid but too high

### Possible cause

1. Most likely caused by a low fuel level and very high ambient temperatures.

### Additional information

This fault code is usually caused by low fuel and high ambient temperature. Filling the fuel tank usually solves this fault code. Explain to the driver that keeping their fuel tank level high when driving in high ambient temperatures usually prevents this fault code.

### Set condition of fault code

Fuel temperature threshold of 203°F (95°C), ambient temperature is above 113°F (45°C) and fuel tank level is below 5%.

### Reset condition of fault code

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M028292 - 07/22/2015 17:04:51

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## P1180, Diagnostic information

Technical data

["Sensor, fuel temperature \(F803\)"](#)

Location of component(s)

["Location information, PMCI-2"](#)

Electrical diagram(s)

["PMCI-2"](#)

Description of component(s)

["Fuel temperature sensor \(F803\)"](#)

Block diagram

["PMCI-2"](#)

### Step by step troubleshooting



Perform the troubleshooting steps below using 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 1: Verify fuel level

### Troubleshooting steps

1. Verify that the fuel level is within normal range. Low fuel in a high ambient temperature can cause high fuel temperatures.

Is fuel below 5% and is the ambient temperature high?

- **Yes** – Add fuel. Proceed to other fault codes.
- **No** – Proceed to other fault codes.

M046444 - 07/22/2015 16:03:22

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