

- Damaged HO2S22

Diagnostic Aids: Access the HO2S test results from the Generic OBD II menu to verify the DTC.

Application	Key On Engine Off	Key On Engine Running	Continuous Memory
All	GO to Pinpoint Test DW .		

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P0161 - O2 HEATER CIRCUIT (BANK 2, SENSOR 2) - DTC CHART

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Description: This DTC sets when an open or short circuit is detected or the universal heated oxygen sensor bank 2, sensor 2 (HO2S22) heater current draw exceeds a calibrated limit.

Possible Causes:

- HTR22 circuit open
- HTR22 circuit short to voltage
- VPWR circuit open
- GND circuit open
- Low battery voltage
- Water in the harness connector
- Corrosion
- Incorrect connections
- Damaged HO2S22 heater

Diagnostic Aids: Inspect the connectors for signs of damage, water intrusion or corrosion.

Application	Key On Engine Off	Key On Engine Running	Continuous Memory
All	GO to Pinpoint Test DW .		

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P0171 - SYSTEM TOO LEAN (BANK 1) - DTC CHART

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Description: The adaptive fuel strategy continuously monitors the fuel delivery hardware. This DTC sets when the adaptive fuel tables reach a rich calibrated limit. Refer to POWERTRAIN CONTROL SOFTWARE , Fuel Trim for additional information.