

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P0140 - O2 CIRCUIT NO ACTIVITY DETECTED (BANK 1, SENSOR 2) - DTC CHART

P0140 - O2 CIRCUIT NO ACTIVITY DETECTED (BANK 1, SENSOR 2) - DTC CHART

Description: If the sensor signal value is not changing from the default value, the PCM commands an oscillating air to fuel ratio attempting to detect some movement in the signal value. This DTC sets when the PCM is unable to detect movement in the sensor signal while the air to fuel ratio is oscillating.

Possible Causes:

- HO2S12 circuit open
- Damaged heated oxygen sensor bank 1, sensor 2 (HO2S12)

Diagnostic Aids: An O2S12 PID switching across 0.45 volt from 0.2 to 0.9 volts indicates a normal switching HO2S.

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

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P0141 - O2 HEATER CIRCUIT (BANK 1, SENSOR 2) - DTC CHART

P0141 - O2 HEATER CIRCUIT (BANK 1, SENSOR 2) - DTC CHART

Description: This DTC sets when an open or short circuit is detected or the heated oxygen sensor bank 1, sensor 2 (HO2S12) heater current draw exceeds a calibrated limit.

Possible Causes:

- HTR12 circuit open
- HTR12 circuit short to voltage
- VPWR circuit open
- GND circuit open
- Low battery voltage
- Water in the harness connector
- Corrosion
- Incorrect connections
- Damaged HO2S12 heater

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