

- UO2SHTR11 circuit short
- Damaged universal HO2S11 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 DZ .		

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P0054 - HO2S HEATER RESISTANCE (BANK 1, SENSOR 2) - DTC CHART

P0054 - HO2S HEATER RESISTANCE (BANK 1, SENSOR 2) - DTC CHART

Description: This DTC sets when the heater current requirements are too low or too high in the HTR12 circuit.

Possible Causes:

- VPWR circuit open
- HTR12 circuit open
- HTR12 heater circuit short
- Damaged HO2S12 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 > P0056 - HO2S HEATER CONTROL CIRCUIT (BANK 1, SENSOR 2) - DTC CHART

P0056 - HO2S HEATER CONTROL CIRCUIT (BANK 1, SENSOR 2) - DTC CHART

Description: The PCM controls the heated oxygen sensor bank 1, sensor 2 (HO2S12) heater ON and OFF duty cycle to maintain a calibrated temperature. This DTC sets when the sensor does not warm up to the required temperature in a calibrated amount of time. This DTC also sets when the PCM is not able to maintain the required temperature after the sensor is warm.

Possible Causes:

- VPWR circuit open
- HTR12 circuit open