

SENSOR SLOW RESPONSE - RICH TO LEAN (BANK 1, SENSOR 2) - DTC CHART

P013A - O2 SENSOR SLOW RESPONSE - RICH TO LEAN (BANK 1, SENSOR 2) - DTC CHART

Description: The heated oxygen sensor (HO2S) monitor tracks the rate of voltage change during the rise and fall of the heated oxygen sensor bank 1, sensor 2 (HO2S12) signal. The measured rate of the rich to lean switch is compared to a calibrated fault threshold value. The threshold value takes into account the level of oxygen in the catalyst, which has an impact on how quickly the rich to lean switch occurs. This DTC sets when the measured value is slower than the threshold value.

Possible Causes:

- Exhaust leaks before or near the HO2S12
- Damaged HO2S12

Diagnostic Aids: Check for leaks in the exhaust system.

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

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P013B - O2 SENSOR SLOW RESPONSE - LEAN TO RICH BANK 1, SENSOR 2 - DTC CHART

P013B - O2 SENSOR SLOW RESPONSE - LEAN TO RICH BANK 1, SENSOR 2 - DTC CHART

Description: During a deceleration fuel shut-off (DFSO) event, the PCM monitors how quickly the heated oxygen sensor bank 1, sensor 2 (HO2S12) switches from lean to rich. The measured rate of the lean to rich switch is compared to a calibrated fault threshold value. The measured rate of the lean to rich switch is compared to a calibrated fault threshold value. This DTC sets when the measured value is slower than the threshold value.

Possible Causes:

- Exhaust leaks before or near the HO2S12
- Damaged HO2S12

Diagnostic Aids: Check for leaks in the exhaust system.

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

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P013C - O2 SENSOR SLOW RESPONSE - RICH TO LEAN (BANK 2, SENSOR 2) - DTC CHART

P013C - O2 SENSOR SLOW RESPONSE - RICH TO LEAN (BANK 2, SENSOR 2) - DTC CHART