

EXHAUST TEMPERATURE OUT OF RANGE, O2 SENSOR TESTS NOT COMPLETED - DTC CHART

P1127 - EXHAUST TEMPERATURE OUT OF RANGE, O2 SENSOR TESTS NOT COMPLETED - DTC CHART

Description: The heated oxygen sensor (HO2S) monitor uses an exhaust temperature model to determine when the universal HO2S heaters are cycled ON. This DTC sets when the inferred exhaust temperature is below a minimum calibrated value.

Possible Causes:

- Engine not operating long enough before carrying out the key ON, engine running (KOER) self-test
- Exhaust system too cool

Diagnostic Aids: Monitor the universal HO2S heater PIDs to determine the ON or OFF state. DTC P1127 is present if the exhaust is not hot.

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

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P115E - THROTTLE ACTUATOR CONTROL (TAC) THROTTLE BODY AIR FLOW TRIM AT MAX LIMIT - DTC CHART

P115E - THROTTLE ACTUATOR CONTROL (TAC) THROTTLE BODY AIR FLOW TRIM AT MAX LIMIT - DTC CHART

Description: During idle, the PCM monitors the throttle angle and airflow. If the airflow is determined to be less than expected, the PCM adjusts the throttle angle to compensate. The airflow reduction is typically the result of engine deposit buildup around the throttle plate. This DTC sets when the PCM has reached the maximum allowed compensation and is no longer able to compensate for the buildup.

Possible Causes:

- Engine deposits around the throttle plate

Diagnostic Aids: Install a new throttle body. Refer to the service information , Fuel Charging and Controls.

Application	Key On Engine Off	Key On Engine Running	Continuous Memory
All	Refer to the Description, Possible Causes and Diagnostic Aids for the DTC.		

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P117A - ENGINE OIL OVER TEMPERATURE - FORCED LIMITED POWER - DTC CHART