

CHARGE AIR COOLER COOLANT TEMPERATURE SENSOR

INTERMITTENT/ERRATIC - DTC CHART

P00E2 - CHARGE AIR COOLER COOLANT TEMPERATURE SENSOR INTERMITTENT/ERRATIC - DTC CHART

Description: This DTC sets when the charge air cooler (CAC) coolant temperature sensor signal changes from an in range value to beyond the minimum or maximum calibrated limit a calibrated number of times.

Possible Causes:

- CACCTS circuit intermittent open
- CACCTS circuit intermittent short to ground
- CACCTS circuit intermittent short to voltage
- Damaged CAC coolant temperature sensor
- Damaged CAC coolant temperature sensor wiring

Diagnostic Aids: Check the harness and connection. Monitor the sensor PID while wiggling and bending the harness from the sensor to the PCM.

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

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P0100 - MASS OR VOLUME AIR FLOW A CIRCUIT - DTC CHART

P0100 - MASS OR VOLUME AIR FLOW A CIRCUIT - DTC CHART

Description: This DTC sets when the mass airflow (MAF) sensor frequency changes below a minimum calibrated limit for greater than 0.5 seconds.

Possible Causes:

- Open MAF sensor element
- Intake air system components incorrectly connected

Diagnostic Aids: Install a new mass airflow/intake air temperature (MAF/IAT) sensor. Refer to the service information , Electronic Engine 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.		