

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P007D - CHARGE AIR COOLER TEMPERATURE SENSOR CIRCUIT HIGH (BANK 1) - DTC CHART

P007D - CHARGE AIR COOLER TEMPERATURE SENSOR CIRCUIT HIGH (BANK 1) - DTC CHART

Description: This DTC sets when the charge air cooler temperature (CACT) is lower than a calibrated value or an open or short to voltage is detected in the CACT circuit.

Possible Causes:

- Damaged charge air cooler temperature (CACT) sensor
- CACT circuit open
- CACT circuit short to voltage
- SIGRTN circuit open
- Output from the charge air cooler (CAC) is colder than the calibrated threshold

Diagnostic Aids: Check the harness for intermittent concerns, incorrect connections, routing, alterations and damage due to contact with other components.

This DTC may be accompanied by other DTCs. Check for other DTCs and diagnose those first.

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

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P0087 - FUEL RAIL/SYSTEM PRESSURE - TOO LOW - DTC CHART

P0087 - FUEL RAIL/SYSTEM PRESSURE - TOO LOW - DTC CHART

Description: The PCM regulates the fuel rail pressure by controlling the fuel volume regulator. This DTC sets when the PCM is no longer capable of maintaining the fuel pressure within the calibrated parameters.

Possible Causes:

- Fuel filter plugged or dirty
- Fuel supply line restricted
- Damaged fuel pump module
- Damaged fuel injection pump

Diagnostic Aids: Diagnose any FRP and FVR circuit DTCs first.

Application	Key On Engine Off	Key On Engine Running	Continuous Memory
-------------	-------------------	-----------------------	-------------------