

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P0403 - EXHAUST GAS RECIRCULATION (EGR) CONTROL CIRCUIT - DTC CHART

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Description: The electric EGR (EEGR) system is continuously monitored to check the four EEGR motor coils, circuits, and the PCM for opens, shorts to voltage and ground. If a concern is detected, the EEGR system is disabled and additional monitoring is suspended for the remainder of the drive until the next drive cycle.

Possible Causes:

- EEGR stepper motor windings open
- EEGR connector not seated correctly
- EGRMC circuit open
- EGRMC circuit short to voltage
- EGRMC circuit short to ground
- Damaged PCM

Diagnostic Aids:

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

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P0420 - CATALYST SYSTEM EFFICIENCY BELOW THRESHOLD (BANK 1) - DTC CHART

P0420 - CATALYST SYSTEM EFFICIENCY BELOW THRESHOLD (BANK 1) - DTC CHART

Description: This DTC sets when the bank 1 catalyst system efficiency is below the acceptable threshold.

Possible Causes:

- Use of leaded fuel
- Damaged heated oxygen sensor (HO2S)
- Out of range engine coolant temperature (ECT) sensor
- High fuel pressure