

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P0504 - BRAKE SWITCH CORRELATION - DTC CHART

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Description: This DTC sets when the calibrated threshold is exceeded during a comparison test between the brake pedal switch (BPS) and the brake pedal position (BPP) switch.

Possible Causes:

- Damaged brake switch
- BPS circuit open
- BPS circuit short to voltage
- BPS circuit short to ground
- BPP circuit open
- BPP circuit short to voltage
- BPP circuit short to ground

Diagnostic Aids: Check the state of the BOO1 and BOO2 PIDs. The BOO1 PID is normally open and BOO2 PID is normally closed.

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

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P0505 - IDLE AIR CONTROL (IAC) SYSTEM - DTC CHART

P0505 - IDLE AIR CONTROL (IAC) SYSTEM - DTC CHART

Description: This DTC sets when the desired RPM could not be reached or controlled during the key ON, engine running (KOER), self-test.

Possible Causes:

- Failure mode effects management (FMEM) condition is present
- Intake air restriction
- Exhaust restriction
- Sludged throttle body
- Vacuum leaks