

- IPC

Visual Inspection and Diagnostic Pre-checks

Inspect the:

- brake fluid level switch for signs of any external damage.
- wiring harness for signs of a pinched harness causing a shorted circuit.

DIAGNOSIS AND TESTING > INSTRUMENTATION, MESSAGE CENTER AND WARNING CHIMES > PINPOINT TESTS > PINPOINT TEST P : THE BRAKE WARNING INDICATOR IS NEVER ON > PINPOINT TEST P : THE BRAKE WARNING INDICATOR IS NEVER ON

P1 PERFORM THE IPC (INSTRUMENT PANEL CLUSTER) INDICATOR LAMP CONTROL ACTIVE COMMAND USING A DIAGNOSTIC SCAN TOOL

Ignition ON.

Using a diagnostic scan tool, view the IPC Parameter Identifications (PIDs).

Select the IPC brake warning indicator (PBA_LMP) PID.

Command the brake warning indicator on then off. Observe the brake warning indicator.

Does the brake warning indicator turn on when commanded on and turn off when commanded off?

Yes	GO to P2
No	INSTALL a new IPC. REFER to: Instrument Panel Cluster (IPC) .

P2 CHECK THE GWM (GATEWAY MODULE A) DIAGNOSTIC TROUBLE CODES (DTCS)

Using a diagnostic scan tool, check the GWM Continuous Memory Diagnostic Trouble Codes (CMDTCs).

Are any Diagnostic Trouble Codes (DTCs) recorded?

Yes	REFER to: MODULE COMMUNICATIONS NETWORK .
No	GO to P3

P3 DETERMINE IF THE BRAKE WARNING INDICATOR OPERATES WITH THE PARKING BRAKE APPLIED

Apply the parking brake while monitoring the brake warning indicator.