

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

Are any Diagnostic Trouble Codes (DTCs) recorded?

Yes	REFER to: Communications Network .
No	DIAGNOSE the electronic parking brakes. REFER to: Parking Brake .

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Normal Operation and Fault Conditions

See ELD Indicator. REFER to: Instrument Panel Cluster (IPC) - System Operation and Component Description .

See ELD RTT. REFER to: Message Center - System Operation and Component Description .

If the rear differential lock indicator request message is missing for less than 5 seconds, the IPC defaults the ELD indicator or ELD RTT to its last indication state (on or off), based upon the last message received.

If the rear differential lock indicator request message is missing for 5 seconds or longer, the IPC sets DTC U0102:00 and defaults the ELD indicator or ELD RTT off.

Possible Sources

- Communication concern
- Message center concern
- Locking differential concern
- GWM concern
- IPC

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W1 IDENTIFY THE IPC (INSTRUMENT PANEL CLUSTER) LEVEL

Determine if the vehicle is equipped with a base IPC. REFER to: Instrument Panel Cluster

Is the vehicle is equipped with a base IPC?

Yes	GO to W4
No	GO to W2

W2 CHECK THE MESSAGE CENTER OPERATION

Ignition ON.

Close all doors and the hood.

Clear all message center warnings by pressing the OK button for each warning present.

Monitor the door ajar RTT.

Open the driver door.

Clear the message center popup warning.

Monitor the door ajar RTT.

Is the door ajar RTT off with the door closed, and on with the door open?

Yes	GO to W3
No	GO to Pinpoint Test A

W3 PERFORM THE IPC (INSTRUMENT PANEL CLUSTER) INDICATOR LAMP CONTROL ACTIVE COMMAND USING A SCAN TOOL

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

Select the IPC ELD PID (DIFF_LOCK).

Command the ELD indicator on then off while observing the ELD indicator.

Does the ELD indicator turn on when commanded on and turn off when commanded off?

Yes	GO to W4
No	

W4 PERFORM THE IPC (INSTRUMENT PANEL CLUSTER) SELF-TEST

Ignition ON.

Using a diagnostic scan tool, perform the IPC self-test.