

- BCM concern
- GWM concern
- IPC

DIAGNOSIS AND TESTING > INSTRUMENTATION, MESSAGE CENTER AND WARNING CHIMES > PINPOINT TESTS > PINPOINT TEST AI : THE DOOR OR LUGGAGE COMPARTMENT LID AJAR RTT (RECONFIGURABLE TELLTALE) IS NEVER OR ALWAYS ON > PINPOINT TEST AI : THE DOOR OR LUGGAGE COMPARTMENT LID AJAR RTT (RECONFIGURABLE TELLTALE) IS NEVER OR ALWAYS ON

AI1 CHECK THE MESSAGE CENTER OPERATION

Ignition OFF.

Disconnect GWM C2431 .

Ignition ON.

Monitor the message center messages and RTT indicators.

Did multiple message center messages and RTT indicators appear?

Yes	GO to AI2
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No	INSTALL a new IPC. REFER to: Instrument Panel Cluster (IPC) .
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AI2 CHECK THE INTERIOR LIGHTING OPERATION

Open and close each door while monitoring the interior lamps.

Do the interior lamps operate correctly with each door?

Yes	GO to AI3
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No	REFER to: Interior Lighting .
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AI3 PERFORM THE IPC (INSTRUMENT PANEL CLUSTER) SELF-TEST

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

Are any Diagnostic Trouble Codes (DTCs) recorded?

Yes	REFER to DTC Chart: IPC .
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No	GO to AI4
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AI4 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 .
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No	GO to AI5
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AI5 PERFORM THE BCM (BODY CONTROL MODULE) SELF-TEST

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

Are any Diagnostic Trouble Codes (DTCs) recorded?

Yes	For DTC B1178:01, GO to AI6 For all other Diagnostic Trouble Codes (DTCs), REFER to: Body Control Module (BCM) .
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No	For a door ajar indication concern, For the luggage compartment lid ajar indication, GO to AI6 For the hood ajar indication never on, DIAGNOSE the perimeter alarm does not arm from the hood ajar switch. REFER to: Perimeter Anti-Theft Alarm .
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AI6 CHECK THE LUGGAGE COMPARTMENT LID AJAR INPUT CIRCUIT FOR AN OPEN AT THE BCM (BODY CONTROL MODULE)

Ignition OFF.

Disconnect BCM C2280E .

 **NOTE:** Make sure the luggage compartment lid is fully closed before proceeding with this test step.

Measure:

Positive Lead	Measurement / Action	Negative Lead
C2280E-34	Ω	Ground

Is the resistance less than 3 ohms?

Yes	GO to AI10
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No	GO to AI7
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AI7 BYPASS THE LUGGAGE COMPARTMENT LID AJAR SWITCH AND CHECK FOR OPEN AT THE BCM (BODY CONTROL MODULE)

Disconnect Luggage Compartment Lid Latch C4339 .

Connect a fused jumper wire:

Lead 1	Measurement / Action	Lead 2
C4339-1		C4339-4

Measure:

Positive Lead	Measurement / Action	Negative Lead
C2280E-34	Ω	Ground

Is the resistance less than 3 ohms?

Yes	REMOVE the fused jumper wire. INSTALL a new luggage compartment latch. REFER to: Luggage Compartment Lid Latch - Coupe .
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No	REMOVE the fused jumper wire. GO to AI8
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AI8 CHECK THE LUGGAGE COMPARTMENT LID LATCH GROUND CIRCUIT FOR AN OPEN

Measure:

Positive Lead	Measurement / Action	Negative Lead
C4339-4	Ω	Ground

Is the resistance less than 3 ohms?

Yes	GO to AI9
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No	REPAIR the circuit.
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AI9 CHECK THE LUGGAGE COMPARTMENT AJAR INPUT CIRCUIT FOR AN OPEN BETWEEN THE BCM (BODY CONTROL MODULE) AND THE LUGGAGE COMPARTMENT LID LATCH

Measure:

Positive Lead	Measurement / Action	Negative Lead
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C2280E-34	Ω	C4339-1
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Is the resistance less than 3 ohms?

Yes	GO to AI12
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No	REPAIR the circuit.
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AI10 CHECK THE LUGGAGE COMPARTMENT AJAR INPUT CIRCUIT FOR A SHORT TO GROUND AT THE BCM (BODY CONTROL MODULE)

Ignition OFF.

Disconnect BCM C2280E .

Open the luggage compartment lid.

Measure:

Positive Lead	Measurement / Action	Negative Lead
C2280E-34	Ω	Ground

Is the resistance greater than 10, 000 ohms?

Yes	GO to AI12
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No	GO to AI11
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AI11 CHECK THE LUGGAGE COMPARTMENT AJAR INPUT CIRCUIT FOR A SHORT TO GROUND AT THE BCM (BODY CONTROL MODULE) WITH THE LUGGAGE COMPARTMENT LID LATCH DISCONNECTED

Disconnect Luggage Compartment Lid Latch C4339 .

Measure:

Positive Lead	Measurement / Action	Negative Lead
C2280E-34	Ω	Ground

Is the resistance greater than 10, 000 ohms?

Yes	INSTALL a new luggage compartment lid latch. REFER to: Luggage Compartment Lid Latch - Coupe .
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No	REPAIR the circuit.
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AI12 CHECK FOR CORRECT BCM (BODY CONTROL MODULE) OPERATION