

### AH3 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  | DIAGNOSE the cruise control system. REFER to: Cruise Control . With adaptive cruise control, REFER to: Cruise Control . |

### 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

Refer to Interior Lamps for schematic and connector information.

#### Normal Operation and Fault Conditions

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

If the driver door ajar status, passenger door ajar status or luggage compartment lid ajar messages are missing for less than 5 seconds, the IPC defaults all door and luggage compartment lid ajar message center displays to the last indication state (on or off), based upon the last message received.

If the driver door ajar status, passenger door ajar status or luggage compartment lid ajar messages are missing for 5 seconds or longer, the IPC defaults all door and luggage compartment lid ajar message center displays off.

#### BCM DTC Fault Trigger Conditions

| DTC      | Description                                        | Fault Trigger Conditions                                                                                    |
|----------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| B1178:01 | Boot/Trunk Ajar Switch: General Electrical Failure | An on-demand DTC that sets in the BCM if the BCM detects an open on the luggage compartment lid ajar input. |

#### Possible Sources

- Wiring, terminals or connectors
- Interior lighting concern
- Luggage compartment lid latch ajar switch (part of the luggage compartment lid latch)
- Communication concern