

## E5 CHECK FOR GWM (GATEWAY MODULE A) DIAGNOSTIC TROUBLE CODES (DTCS)

Using a diagnostic scan tool, carry out the GWM self-test.

Retrieve and record all GWM Diagnostic Trouble Codes (DTCs).

### Are any Diagnostic Trouble Codes (DTCs) present in the GWM?

|            |                                                                     |
|------------|---------------------------------------------------------------------|
| <b>Yes</b> | GO to the DTC Chart: GWM. REFER to: MODULE COMMUNICATIONS NETWORK . |
| <b>No</b>  | GO to E6                                                            |

## E6 CHECK FOR IPC (INSTRUMENT PANEL CLUSTER) DIAGNOSTIC TROUBLE CODES (DTCS)

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

Retrieve and record all IPC Diagnostic Trouble Codes (DTCs).

### Are there any IPC Diagnostic Trouble Codes (DTCs) present?

|            |                                                                                                                                                  |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Yes</b> | GO to the DTC Chart: Instrument Panel Cluster (IPC). REFER to: Instrumentation, Message Center and Warning Chimes .                              |
| <b>No</b>  | The system is operating correctly at this time. The concern may have been caused due to high network traffic or an intermittent fault condition. |

## DIAGNOSIS AND TESTING > ANTI-LOCK BRAKE SYSTEM (ABS) AND STABILITY CONTROL > PINPOINT TESTS > PINPOINT TEST F : U3003:17

### Normal Operation and Fault Conditions

The ABS module, hydraulic pump and solenoid valves require an operating voltage between 10 and 17 volts. The ABS module receives this voltage from the BJB and has a single ground circuit. An overcharging condition in the charging system results in the ABS module setting a DTC. This DTC may also set in the ABS module due to battery charging or vehicle jump starting events.

### DTC Fault Trigger Conditions

| DTC      | Description                                      | Fault Trigger Conditions                                                                                      |
|----------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| U3003:17 | Battery Voltage: Circuit Voltage Above Threshold | This DTC sets in continuous memory and on-demand if the voltage supplied to the ABS module is above 17 volts. |

### Possible Causes