

Pinpoint Test - DTC: AQ

U024C:00

Normal Operation and Fault Conditions

The OCSM uses information contained in messages from the SCMH sent on the HS-CAN2.

DTC Fault Trigger Conditions

DTC	Description	Fault Trigger Conditions
U024C:00	Lost Communication with Seat Control Module "H": No Sub Type Information	This DTC sets if the OCSM does not receive an expected message from the SCMH.

Possible Sources

- Network traffic
- OCSM
- SCMH

PINPOINT TEST A : U024C:00

NOTE: Most faults are due to connector and/or wiring concerns. Carry out a thorough inspection and verification before proceeding with the pinpoint test.

NOTE: SRS components should only be disconnected or reconnected when instructed to do so within a pinpoint test step. Failure to follow this instruction may result in incorrect diagnosis of the SRS.

NOTE: Always make sure the correct SRS component is being installed. Parts released for other vehicles may not be compatible even if they appear physically similar. Check the part number listed in the Ford parts catalog to make sure the correct component is being installed. If an incorrect SRS component is installed, Diagnostic Trouble Codes (DTCs) may set.

A1 CHECK THE COMMUNICATION NETWORK

-  **WARNING:** Before beginning any service procedure in this section, refer to Safety Warnings in section 100-00 General Information. Failure to follow this instruction may result in serious personal injury.

REFER to: [Pyrotechnic Device Health and Safety Precautions](#) (100-00 General Information, Description and Operation).

- Ignition ON.
- Using a diagnostic scan tool, carry out a network test.

Does the SCMH pass the network test?

Yes	GO to A2
No	To diagnose no communication with the SCMH, REFER to: Communications Network (418-00) .

A2 CHECK THE OCSM (OCCUPANT CLASSIFICATION SYSTEM MODULE) CONTINUOUS MEMORY DIAGNOSTIC TROUBLE CODES (CMDTCS)

- Using a diagnostic scan tool, perform OCSM self-test.
- Using a diagnostic scan tool, clear OCSM Diagnostic Trouble Codes (DTCs).
- Wait 10 seconds.
- Using a diagnostic scan tool, perform OCSM self-test and record any Diagnostic Trouble Codes (DTCs) that are retrieved.

Is DTC U024C:00 retrieved again?

Yes	GO to A3
No	The system is operating correctly at this time. The DTC may have been set due to high network traffic or an intermittent fault condition.

A3 RETRIEVE THE RECORDED DIAGNOSTIC TROUBLE CODES (DTCs) FROM THE OCSM (OCCUPANT CLASSIFICATION SYSTEM MODULE) SELF-TEST

- Check the recorded Diagnostic Trouble Codes (DTCs) from the OCSM self-test.

Is DTC U3003:16 or U3003:17 recorded?

Yes	REFER to: Pinpoint Test - DTC: AU (501-20B) .
No	CHECK OASIS for any applicable service articles: TSB, GSB, SSM or FSA. If a service article exists for this concern, DISCONTINUE this test and FOLLOW the service article instructions. If no service articles address this concern, INSTALL a new SCMH. REFER to: Driver Multi-Contour Seat Module [SCMG] (501-10A) . CLEAR the OCSM Diagnostic Trouble Codes (DTCs) and REPEAT the OCSM self-test. If DTC U024C:00 returns, INSTALL a new OCSM. REFER to: Occupant Classification System (OCS) Sensor - Vehicles With: Multi-Contour Seats (501-20B) . REFER to: Occupant Classification System (OCS) Sensor - Vehicles Without: Multi-Contour Seats (501-20B) .