

- SODL (if equipped)
- SODR (if equipped)
- TRM (if equipped)

DIAGNOSIS AND TESTING > COMMUNICATIONS NETWORK > PINPOINT TESTS > PINPOINT TEST AM : NO MEDIUM SPEED CONTROLLER AREA NETWORK (MS-CAN) COMMUNICATION, ALL MODULES ARE NOT RESPONDING > PINPOINT TEST AM : NO MEDIUM SPEED CONTROLLER AREA NETWORK (MS-CAN) COMMUNICATION, ALL MODULES ARE NOT RESPONDING



NOTE: Various modules set network DTCs during this test procedure. Clear DTCs from all modules after completing the diagnostic procedure.

AM1 CHECK THE DLC (DATA LINK CONNECTOR) PINS FOR DAMAGE

Ignition OFF.

Disconnect the diagnostic scan tool cable from the DLC.

Inspect the DLC pins 3 and 11 for damage.

Are DLC pins 3 and 11 OK?

Yes	GO to AM2
No	REPAIR the DLC as necessary.

AM2 CHECK FOR HS-CAN2 (HIGH SPEED-CONTROLLER AREA NETWORK 2) COMMUNICATION

Using a diagnostic scan tool, perform a network test.

Does the RCM pass the network test?

Yes	GO to AM3
No	GO to Pinpoint Test AK

AM3 CHECK THE MS-CAN (MEDIUM SPEED-CONTROLLER AREA NETWORK) TERMINATION RESISTANCE

Disconnect the negative battery cable.

Disconnect: GWM C2431 .

Measure:

Positive Lead	Measurement / Action	Negative Lead
C2431-23	Ω	C2431-22

Is the resistance between 108 and 132 ohms?

Yes	GO to AM4
No	GO to AM6

AM4 CHECK THE MS-CAN (MEDIUM SPEED-CONTROLLER AREA NETWORK) (+) AND MS-CAN (MEDIUM SPEED-CONTROLLER AREA NETWORK) (-) CIRCUITS FOR A SHORT TO GROUND

Measure:

Positive Lead	Measurement / Action	Negative Lead
C2431-23	Ω	Ground
C2431-22	Ω	Ground

Are the resistances greater than 1, 000 ohms?

Yes	GO to AM5
No	GO to AM11

AM5 CHECK THE MS-CAN (MEDIUM SPEED-CONTROLLER AREA NETWORK) (+) AND MS-CAN (MEDIUM SPEED-CONTROLLER AREA NETWORK) (-) CIRCUITS FOR A SHORT TO VOLTAGE

Connect the negative battery cable.

Ignition ON.

Measure:

Positive Lead	Measurement / Action	Negative Lead
C2431-23		Ground
C2431-22		Ground

Are the voltages greater than 6 volts?

Yes	REPAIR the circuit in question.
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No	GO to AM12
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AM6 CHECK THE MS-CAN (MEDIUM SPEED-CONTROLLER AREA NETWORK) TERMINATION RESISTOR, COMPONENT SIDE

Disconnect: GWM C2431

Measure:

Positive Lead	Measurement / Action	Negative Lead
C2431-23 (component side)	Ω	C2431-22 (component side)

Is the resistance between 108 and 132 ohms?

Yes	GO to AM7
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No	GO to AM36
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AM7 CHECK THE MS-CAN (MEDIUM SPEED-CONTROLLER AREA NETWORK) TERMINATION RESISTOR, HARNESS SIDE

Measure:

Positive Lead	Measurement / Action	Negative Lead
C2431-23	Ω	C2431-22

Is the resistance between 108 and 132 ohms?

Yes	GO to AM9
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No	GO to AM8
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AM8 CHECK THE MS-CAN (MEDIUM SPEED-CONTROLLER AREA NETWORK) CIRCUITS BETWEEN THE FCIM AND THE GWM (GATEWAY MODULE A) FOR AN OPEN

Measure:

Positive Lead	Measurement / Action	Negative Lead
C2402A-17	Ω	C2431-23
C2402A-18	Ω	C2431-22

Are the resistances less than 3 ohms?

Yes	GO to AM35
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No	REPAIR the circuit in question.
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AM9 CHECK THE MS-CAN (MEDIUM SPEED-CONTROLLER AREA NETWORK) (+) AND MS-CAN (MEDIUM SPEED-CONTROLLER AREA NETWORK) (-) CIRCUITS FOR A SHORT TOGETHER

Measure:

Positive Lead	Measurement / Action	Negative Lead
C2431-23	Ω	C2431-22

Is the resistance less than 3 ohms?

Yes	GO to AM11
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No	GO to AM10
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AM10 CHECK THE MS-CAN (MEDIUM SPEED-CONTROLLER AREA NETWORK) (+) AND MS-CAN (MEDIUM SPEED-CONTROLLER AREA NETWORK) (-) CIRCUITS FOR A SHORT TOGETHER WITH MODULES DISCONNECTED

Measure:

Positive Lead	Measurement / Action	Negative Lead
C2431-23	Ω	C2431-22

Disconnect modules one at a time until the resistance is greater than 3 ohms.

APIM C2383 (if equipped)

DDM C501A

DSM C341D (if equipped)

SCMG C3385 (if equipped)

FCIM C2402A

SCME C3265C (if equipped)

GPSM C2398 (if equipped)

HSWM C2406 (if equipped)

PDM C652A

SCMH C3386 (if equipped)

PRB C3313B

RTM C9026

SODL C4369 (if equipped)

SODR C4370 (if equipped)

TRM C2498B

Did the resistance change to greater than 3 ohms with one of the modules disconnected?

Yes	For the APIM, GO to AM34 For the DDM, GO to AM37 For the DSM, GO to AM40 For the SCMG, GO to AM41 For the GPSM, GO to AM39 For the FCIM, GO to AM35 For the SCME, GO to AM42 For the HSWM, GO to AM38 For the PDM, GO to AM43 For the SCMH, GO to AM44 For the PRB, GO to AM45 For the RTM, GO to AM46 For the SODL, GO to AM47 For the SODR, GO to AM48 For the TRM, GO to AM49
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No	REPAIR the circuits.
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AM11 CHECK THE MS-CAN (MEDIUM SPEED-CONTROLLER AREA NETWORK) (+) AND MS-CAN (MEDIUM SPEED-CONTROLLER AREA NETWORK) (-) CIRCUITS FOR A SHORT TO GROUND WITH THE MODULES DISCONNECTED

Measure

Positive Lead	Measurement / Action	Negative Lead
C2431-23	Ω	Ground
C2431-22	Ω	Ground

Disconnect modules one at a time until the resistance to ground is greater than 1, 000 ohms.

APIM C2383 (if equipped)

DDM C501A

DSM C341D (if equipped)

SCMG C3385 (if equipped)

FCIM C2402A

SCME C3265C (if equipped)

GPSM C2398 (if equipped)

HSWM C2406 (if equipped)

PDM C652A

SCMH C3386 (if equipped)

PRB C3313B

RTM C9026

SODL C4369 (if equipped)

SODR C4370 (if equipped)

TRM C2498B

Did the resistance change to greater than 1,000 ohms with one of the modules disconnected?

Yes	For the APIM, GO to AM34 For the DDM, GO to AM37 For the DSM, GO to AM40 For the SCMG, GO to AM41 For the GPSM, GO to AM39 For the FCIM, GO to AM35 For the SCME, GO to AM42 For the HSWM, GO to AM38 For the PDM, GO to AM43 For the SCMH, GO to AM44 For the PRB, GO to AM45 For the RTM, GO to AM46 For the SODL, GO to AM47 For the SODR, GO to AM48 For the TRM, GO to AM49
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No	REPAIR the circuit in question.
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AM12 CHECK FOR RESTORED COMMUNICATION WITH THE GWM (GATEWAY MODULE A) AND FCIM (FRONT CONTROLS INTERFACE MODULE) DISABLED

 **NOTE:** When re-running the network test, close the Network Test application first or the screen display reverts back to the prior run Network Test results.

Connect: GWM C2431

Disconnect BCM fuse 12 (7.5A) and fuse 17 (5A) to disable the GWM and the FCIM.

Using a diagnostic scan tool, perform the network test.

Do all other MS-CAN modules pass the network test?

Yes	INSTALL the removed fuse. GO to AM13
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No	INSTALL the removed fuse. GO to AM14
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AM13 CHECK FOR RESTORED NETWORK COMMUNICATION WITH THE FCIM (FRONT CONTROLS INTERFACE MODULE) DISCONNECTED

Disconnect: FCIM C2402A

Using a diagnostic scan tool, perform the network test.

Do all other MS-CAN modules pass the network test?

Yes	CONNECT the module. GO to Pinpoint Test H
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No	CONNECT the module. GO to Pinpoint Test AI
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AM14 VERIFY VEHICLE EQUIPMENT - HSWM (HEATED STEERING WHEEL MODULE)

Inspect the vehicle for an HSWM.

Is the vehicle equipped with a HSWM?

Yes	GO to AM15
No	GO to AM16

AM15 CHECK FOR RESTORED NETWORK COMMUNICATION WITH THE HSWM (HEATED STEERING WHEEL MODULE) DISABLED

Disconnect: BCM fuse 36 (15A) to disable the HSWM.

Using a diagnostic scan tool, perform the network test.

Do all other MS-CAN modules pass the network test?

Yes	INSTALL the removed fuse. GO to Pinpoint Test Z
No	INSTALL the removed fuse. GO to AM16

AM16 CHECK FOR RESTORED NETWORK COMMUNICATION WITH THE DDM (DRIVER DOOR MODULE) AND PDM (PASSENGER DOOR MODULE) DISABLED



NOTE: When re-running the network test, close the network test application first or the screen display reverts back to the prior network test results.

Disable modules one at a time until other MS-CAN modules pass the network test. Skip to the end once network operation is restored.

Disconnect: BCM fuse 25 (30A) to disable the DDM.

Using a diagnostic scan tool, perform a network test.

Disconnect: BCM fuse 26 (30A) to disable the PDM.

Using a diagnostic scan tool, perform a network test.

Do all other MS-CAN modules pass the network test?

Yes	INSTALL the removed fuses. If communication was restored with the DDM disabled, GO to Pinpoint Test S If communication was restored with the PDM disabled, GO to Pinpoint Test T
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No	INSTALL the removed fuses. GO to AM17
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AM17 VERIFY VEHICLE EQUIPMENT - APIM (SYNC MODULE), GPSM (GLOBAL POSITIONING SYSTEM MODULE) OR RTM (RADIO TRANSCEIVER MODULE)

Inspect the vehicle for an APIM, GPSM or RTM.

Is the vehicle equipped with an APIM, GPSM or RTM?

Yes	GO to AM18
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No	GO to AM20
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AM18 CHECK FOR RESTORED COMMUNICATION WITH THE GPSM (GLOBAL POSITIONING SYSTEM MODULE), APIM (SYNC MODULE) AND RTM (RADIO TRANSCEIVER MODULE) DISABLED

 **NOTE:** When re-running the network test, close the network test application first or the screen display reverts back to the prior network test results.

Disconnect: BCM fuse 32 (10A) to disable the GPSM, APIM and RTM.

Using a diagnostic scan tool, perform the network test.

Do all other MS-CAN modules pass the network test?

Yes	INSTALL the removed fuse. GO to AM19
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No	INSTALL the removed fuse. GO to AM20
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AM19 CHECK FOR RESTORED COMMUNICATION WITH THE GPSM (GLOBAL POSITIONING SYSTEM MODULE) AND RTM (RADIO TRANSCEIVER MODULE) (IF EQUIPPED) DISCONNECTED

 **NOTE:** When re-running the network test, close the network test application first or the screen display reverts back to the prior network test results.

Disconnect: GPSM C2398 (if equipped).

Using a diagnostic scan tool, perform the network test.

Connect: GPSM

Disconnect: RTM C9026 (if equipped).

Using a diagnostic scan tool, perform the network test.

Do all other MS-CAN modules pass the network test?

Yes	CONNECT the module. If the GPSM does not communicate, GO to Pinpoint Test L If the RTM does not communicate, GO to Pinpoint Test P
No	CONNECT the module. GO to Pinpoint Test N

AM20 VERIFY VEHICLE EQUIPMENT - DSM (DRIVER FRONT SEAT MODULE)

Inspect the vehicle for an DSM.

Is the vehicle equipped with a DSM?

Yes	GO to AM21
No	GO to AM27

AM21 CHECK FOR RESTORED NETWORK COMMUNICATION WITH THE DSM (DRIVER FRONT SEAT MODULE) DISABLED



NOTE: When re-running the network test, close the network test application first or the screen display reverts back to the prior network test results.

Disconnect: BJB fuse 26 (30A) and BCM fuse 2 (7.5A) to disable the DSM (if equipped).

Using a diagnostic scan tool, perform the network test.

Do all other modules pass the network test?

Yes	INSTALL the removed fuse. GO to Pinpoint Test R
No	GO to AM27

AM22 VERIFY VEHICLE EQUIPMENT - SCME (FRONT SEAT CLIMATE CONTROL MODULE)

Inspect the vehicle for a SCME.

Is the vehicle equipped with a SCME?

Yes	GO to AM23
No	GO to AM27

AM23 CHECK FOR RESTORED NETWORK COMMUNICATION WITH THE SCME (FRONT SEAT CLIMATE CONTROL MODULE) DISABLED



NOTE: When re-running the network test, close the network test application first or the screen display reverts back to the prior network test results.

Disconnect: BJB fuse 28 (30A) to disable the SCME (if equipped).

Using a diagnostic scan tool, perform the network test.

Do all other modules pass the network test?

Yes	INSTALL the removed fuse. GO to Pinpoint Test AA
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No	GO to AM27
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AM24 VERIFY VEHICLE EQUIPMENT - SCMG (DRIVER MULTI-CONTOUR SEAT MODULE) AND SCMH (PASSENGER MULTI-CONTOUR SEAT MODULE)

Inspect the vehicle for a SCMG and SCMH.

Is the vehicle equipped with a SCMG and SCMH?

Yes	GO to AM25
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No	GO to AM27
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AM25 CHECK FOR RESTORED NETWORK COMMUNICATION WITH THE SCMG (DRIVER MULTI-CONTOUR SEAT MODULE) AND SCMH (PASSENGER MULTI-CONTOUR SEAT MODULE) DISABLED



NOTE: When re-running the network test, close the network test application first or the screen display reverts back to the prior network test results.

Disconnect: BJB fuse 19 (10A) to disable the SCMG and SCMH.

Using a diagnostic scan tool, perform the network test.

Do all other modules pass the network test?

Yes	INSTALL the removed fuse. GO to AM26
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No	INSTALL the removed fuse. GO to AM27
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AM26 CHECK FOR RESTORED NETWORK COMMUNICATION WITH THE SCMH (PASSENGER MULTI-CONTOUR SEAT MODULE) DISCONNECTED



NOTE: When re-running the network test, close the network test application first or the screen display reverts back to the prior network test results.

Disconnect: SCMH C3386 .

Using a diagnostic scan tool, perform the network test.

Do all other modules pass the network test?

Yes	CONNECT the module. GO to Pinpoint Test AC
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No	CONNECT the module. GO to Pinpoint Test AB
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AM27 VERIFY VEHICLE EQUIPMENT - SODL (SIDE OBSTACLE DETECTION CONTROL MODULE LH) AND SODR (SIDE OBSTACLE DETECTION CONTROL MODULE RH)

Inspect the vehicle for an SODL and SODR.

Is the vehicle equipped with a SODL and SODR?

Yes	GO to AM28
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No	GO to AM30
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AM28 CHECK FOR RESTORED NETWORK COMMUNICATION WITH THE SODL (SIDE OBSTACLE DETECTION CONTROL MODULE LH) AND SODR (SIDE OBSTACLE DETECTION CONTROL MODULE RH) DISABLED



NOTE: When re-running the network test, close the network test application first or the screen display reverts back to the prior network test results.

Disconnect: BJB fuse 113 (7.5A) to disable the SODL and SODR (if equipped).

Using a diagnostic scan tool, perform the network test.

Do all other modules pass the network test?

Yes	INSTALL the removed fuse. GO to AM29
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No	GO to AM30
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AM29 CHECK FOR RESTORED NETWORK COMMUNICATION WITH THE SODR (SIDE OBSTACLE DETECTION CONTROL MODULE RH) DISCONNECTED



NOTE: When re-running the network test, close the network test application first or the screen display reverts back to the prior network test results.

Disconnect: SODR (if equipped).

Using a diagnostic scan tool, perform the network test.

Do all other modules pass the network test?

Yes	CONNECT the module. GO to Pinpoint Test V
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No	CONNECT the module. GO to Pinpoint Test U
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AM30 VERIFY VEHICLE EQUIPMENT - TRM (TRAILER MODULE)

Inspect the vehicle for a TRM.

Is the vehicle equipped with a TRM?

Yes	GO to AM31
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No	GO to AM32
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AM31 CHECK FOR RESTORED NETWORK COMMUNICATION WITH THE TRM (TRAILER MODULE) DISABLED



NOTE: When re-running the network test, close the network test application first or the screen display reverts back to the prior network test results.

Disconnect: BJB fuse 35 (20A) and 36 (25A) to disable the TRM.

Using a diagnostic scan tool, perform the network test.

Do all other modules pass the network test?

Yes	INSTALL the removed fuses. GO to Pinpoint Test AD
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No	INSTALL the removed fuses. GO to AM32
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AM32 VERIFY VEHICLE EQUIPMENT - PRB (POWER RUNNING BOARD)

Inspect the vehicle for a PRB.

Is the vehicle equipped with a PRB?

Yes	GO to AM33
No	The system is operating correctly at this time. The concern may have been caused by module connections. ADDRESS the root cause of any connector or pin issues.

AM33 CHECK FOR RESTORED NETWORK COMMUNICATION WITH THE PRB (POWER RUNNING BOARD) DISABLED

 **NOTE:** When re-running the network test, close the network test application first or the screen display reverts back to the prior network test results.

Disconnect: BJB fuse 50 (30A) to disable the PRB.

Using a diagnostic scan tool, perform the network test.

Do all other modules pass the network test?

Yes	INSTALL the removed fuse. GO to Pinpoint Test AG
No	INSTALL the removed fuse. The system is operating correctly at this time. The concern may have been caused by module connections. ADDRESS the root cause of any connector or pin issues.

AM34 CHECK THE APIM (SYNC MODULE) FOR CORRECT OPERATION

Ignition OFF.

Disconnect and inspect the APIM connector and related in-line connectors.

Repair:

corrosion (install new connector or terminals - clean module pins)

damaged or bent pins - install new terminals/pins

pushed-out pins - install new pins as necessary

Reconnect the APIM connector and related in-line connectors. Make sure they seat and latch correctly.

Operate the system and determine if the concern is still present.

Is the concern still present?

Yes	CHECK OASIS for any applicable Technical Service Bulletins (TSBs). If a TSB exists for this concern, DISCONTINUE this test and FOLLOW TSB instructions. If no Technical Service Bulletins (TSBs) address this concern, Refer to APIM HARDWARE TESTING .
No	The system is operating correctly at this time. The concern may have been caused by

	module connections. ADDRESS the root cause of any connector or pin issues.
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AM35 CHECK THE FCIM (FRONT CONTROLS INTERFACE MODULE) FOR CORRECT OPERATION

Ignition OFF.

Disconnect and inspect the FCIM connectors and related in-line connectors.

Repair:

corrosion (install new connector or terminals - clean module pins)

damaged or bent pins - install new terminals/pins

pushed-out pins - install new pins as necessary

Reconnect the FCIM connectors and related in-line connectors. Make sure they seat and latch correctly.

Operate the system and determine if the concern is still present.

Is the concern still present?

Yes	CHECK OASIS or any applicable Technical Service Bulletins (TSBs). If a TSB exists for this concern, DISCONTINUE this test and FOLLOW TSB instructions. If no Technical Service Bulletins (TSBs) address this concern, INSTALL a new FCIM. Refer to the appropriate article for the procedure.
No	The system is operating correctly at this time. The concern may have been caused by module connections. ADDRESS the root cause of any connector or pin issues.

AM36 CHECK THE GWM (GATEWAY MODULE A) FOR CORRECT OPERATION

Ignition OFF.

Disconnect and inspect the GWM connector and related in-line connectors.

Repair:

corrosion (install new connector or terminals - clean module pins)

damaged or bent pins - install new terminals/pins

pushed-out pins - install new pins as necessary

Reconnect the GWM connector and related in-line connectors. Make sure they seat and latch correctly.

Operate the system and determine if the concern is still present.

Is the concern still present?

Yes	CHECK OASIS for any applicable Technical Service Bulletins (TSBs). If a TSB exists for this concern, DISCONTINUE this test and FOLLOW TSB instructions. If no Technical Service Bulletins (TSBs) address this concern, INSTALL a new GWM. REFER to: Gateway Module A (GWM) .
No	The system is operating correctly at this time. The concern may have been caused by module connections. ADDRESS the root cause of any connector or pin issues.

AM37 CHECK THE DDM (DRIVER DOOR MODULE) FOR CORRECT OPERATION

Ignition OFF.

Disconnect and inspect all the DDM connectors and related in-line connectors.

Repair:

corrosion (install new connector or terminals - clean module pins)

damaged or bent pins - install new terminals/pins

pushed-out pins - install new pins as necessary

Reconnect the DDM connectors and related in-line connectors. Make sure they seat and latch correctly.

Operate the system and determine if the concern is still present.

Is the concern still present?

Yes	CHECK OASIS for any applicable Technical Service Bulletins (TSBs). If a TSB exists for this concern, DISCONTINUE this test and FOLLOW TSB instructions. If no Technical Service Bulletins (TSBs) address this concern, INSTALL a new DDM. REFER to: Driver Door Module (DDM) .
No	The system is operating correctly at this time. The concern may have been caused by module connections. ADDRESS the root cause of any connector or pin issues.

AM38 CHECK THE HSWM (HEATED STEERING WHEEL MODULE) FOR CORRECT OPERATION

Ignition OFF.

Disconnect and inspect the HSWM connector and related in-line connectors.

Repair:

corrosion (install new connector or terminals - clean module pins)

damaged or bent pins - install new terminals/pins

pushed-out pins - install new pins as necessary

Reconnect the HSWM connector and related in-line connectors. Make sure they seat and latch correctly.

Operate the system and determine if the concern is still present.

Is the concern still present?

Yes	CHECK OASIS for any applicable Technical Service Bulletins (TSBs). If a TSB exists for this concern, DISCONTINUE this test and FOLLOW TSB instructions. If no Technical Service Bulletins (TSBs) address this concern, INSTALL a new HSWM. REFER to: Heated Steering Wheel Module (HSWM) .
No	The system is operating correctly at this time. The concern may have been caused by module connections. ADDRESS the root cause of any connector or pin issues.

AM39 CHECK THE GPSM (GLOBAL POSITIONING SYSTEM MODULE) FOR CORRECT OPERATION

Ignition OFF.

Disconnect and inspect the GPSM connector and related in-line connectors.

Repair:

corrosion (install new connector or terminals - clean module pins)

damaged or bent pins - install new terminals/pins

pushed-out pins - install new pins as necessary

Reconnect the GPSM connector and related in-line connectors. Make sure they seat and latch correctly.

Operate the system and determine if the concern is still present.

Is the concern still present?

Yes	CHECK OASIS for any applicable Technical Service Bulletins (TSBs). If a TSB exists for this concern, DISCONTINUE this test and FOLLOW TSB instructions. If no Technical Service Bulletins (TSBs) address this concern, INSTALL a new GPSM. Refer to the appropriate article for the procedure.
No	The system is operating correctly at this time. The concern may have been caused by module connections. ADDRESS the root cause of any connector or pin issues.

AM40 CHECK THE DSM (DRIVER FRONT SEAT MODULE) FOR CORRECT OPERATION

Ignition OFF.

Disconnect and inspect the DSM connectors and related in-line connectors.

Repair:

corrosion (install new connector or terminals - clean module pins)

damaged or bent pins - install new terminals/pins

pushed-out pins - install new pins as necessary

Reconnect the DSM connectors and related in-line connectors. Make sure they seat and latch correctly.

Operate the system and determine if the concern is still present.

Is the concern still present?

Yes	CHECK OASIS for any applicable Technical Service Bulletins (TSBs). If a TSB exists for this concern, DISCONTINUE this test and FOLLOW TSB instructions. If no Technical Service Bulletins (TSBs) address this concern, INSTALL a new DSM. REFER to: Driver Front Seat Module (DSM) .
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No	The system is operating correctly at this time. The concern may have been caused by module connections. ADDRESS the root cause of any connector or pin issues.
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AM41 CHECK THE SCMG (DRIVER MULTI-CONTOUR SEAT MODULE) FOR CORRECT OPERATION

Ignition OFF.

Disconnect and inspect the SCMG connectors and related in-line connectors.

Repair:

corrosion (install new connector or terminals - clean module pins)

damaged or bent pins - install new terminals/pins

pushed-out pins - install new pins as necessary

Reconnect the SCMG connectors and related in-line connectors. Make sure they seat and latch correctly.

Operate the system and determine if the concern is still present.

Is the concern still present?

Yes	CHECK OASIS for any applicable Technical Service Bulletins (TSBs). If a TSB exists for this concern, DISCONTINUE this test and FOLLOW TSB instructions. If no Technical Service Bulletins (TSBs) address this concern, INSTALL a new SCMG. REFER to: Driver Multi-Contour Seat Module [SCMG] .
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No	The system is operating correctly at this time. The concern may have been caused by module connections. ADDRESS the root cause of any connector or pin issues.
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AM42 CHECK THE SCME (FRONT SEAT CLIMATE CONTROL MODULE) FOR CORRECT OPERATION

Ignition OFF.

Disconnect and inspect all the SCME connectors and related in-line connectors.

Repair:

corrosion (install new connector or terminals - clean module pins)

damaged or bent pins - install new terminals/pins

pushed-out pins - install new pins as necessary

Reconnect the SCME connectors and related in-line connectors. Make sure they seat and latch correctly.

Operate the system and determine if the concern is still present.

Is the concern still present?

Yes	CHECK OASIS for any applicable Technical Service Bulletins (TSBs). If a TSB exists for this concern, DISCONTINUE this test and FOLLOW TSB instructions. If no Technical Service Bulletins (TSBs) address this concern, INSTALL a new SCME. REFER to: Front Seat Climate Control Module [SCME] .
No	The system is operating correctly at this time. The concern may have been caused by module connections. ADDRESS the root cause of any connector or pin issues.

AM43 CHECK THE PDM (PASSENGER DOOR MODULE) FOR CORRECT OPERATION

Ignition OFF.

Disconnect and inspect the PDM connector and related in-line connectors.

Repair:

corrosion (install new connector or terminals - clean module pins)

damaged or bent pins - install new terminals/pins

pushed-out pins - install new pins as necessary

Reconnect the PDM connector and related in-line connectors. Make sure they seat and latch correctly.

Operate the system and determine if the concern is still present.

Is the concern still present?

Yes	CHECK OASIS for any applicable Technical Service Bulletins (TSBs). If a TSB exists for this concern, DISCONTINUE this test and FOLLOW TSB instructions. If no Technical Service Bulletins (TSBs) address this concern, INSTALL a new PDM. REFER to: Passenger Door Module (PDM) .
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No	The system is operating correctly at this time. The concern may have been caused by module connections. ADDRESS the root cause of any connector or pin issues.
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AM44 CHECK THE SCMH (PASSENGER MULTI-CONTOUR SEAT MODULE) FOR CORRECT OPERATION

Ignition OFF.

Disconnect and inspect all the SCMH connectors and related in-line connectors.

Repair:

corrosion (install new connector or terminals - clean module pins)

damaged or bent pins - install new terminals/pins

pushed-out pins - install new pins as necessary

Reconnect the SCMH connectors and related in-line connectors. Make sure they seat and latch correctly.

Operate the system and determine if the concern is still present.

Is the concern still present?

Yes	CHECK OASIS for any applicable Technical Service Bulletins (TSBs). If a TSB exists for this concern, DISCONTINUE this test and FOLLOW TSB instructions. If no Technical Service Bulletins (TSBs) address this concern, INSTALL a new SCMH. REFER to: Driver Multi-Contour Seat Module [SCMG] .
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No	The system is operating correctly at this time. The concern may have been caused by module connections. ADDRESS the root cause of any connector or pin issues.
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AM45 CHECK THE PRB (POWER RUNNING BOARD) FOR CORRECT OPERATION

Ignition OFF.

Disconnect and inspect all the PRB connectors and related in-line connectors.

Repair:

corrosion (install new connector or terminals - clean module pins)

damaged or bent pins - install new terminals/pins

pushed-out pins - install new pins as necessary

Reconnect the PRB connectors and related in-line connectors. Make sure they seat and latch correctly.

Operate the system and determine if the concern is still present.

Is the concern still present?

Yes	CHECK OASIS for any applicable Technical Service Bulletins (TSBs). If a TSB exists for this concern, DISCONTINUE this test and FOLLOW TSB instructions. If no Technical Service Bulletins (TSBs) address this concern, INSTALL a new PRB. REFER to: Power Running Board (PRB) .
No	The system is operating correctly at this time. The concern may have been caused by module connections. ADDRESS the root cause of any connector or pin issues.

AM46 CHECK THE RTM (RADIO TRANSCEIVER MODULE) FOR CORRECT OPERATION

Ignition OFF.

Disconnect and inspect the RTM connector and related in-line connectors.

Repair:

corrosion (install new connector or terminals - clean module pins)

damaged or bent pins - install new terminals/pins

pushed-out pins - install new pins as necessary

Reconnect the RTM connector and related in-line connectors. Make sure they seat and latch correctly.

Operate the system and determine if the concern is still present.

Is the concern still present?

Yes	CHECK OASIS for any applicable Technical Service Bulletins (TSBs). If a TSB exists for this concern, DISCONTINUE this test and FOLLOW TSB instructions. If no Technical Service Bulletins (TSBs) address this concern, INSTALL a new RTM. REFER to: Radio Transceiver Module (RTM) .
No	The system is operating correctly at this time. The concern may have been caused by module connections. ADDRESS the root cause of any connector or pin issues.

AM47 CHECK THE SODL (SIDE OBSTACLE DETECTION CONTROL MODULE LH) FOR CORRECT OPERATION

Ignition OFF.

Disconnect and inspect the SODL connector and related in-line connectors.

Repair:

corrosion (install new connector or terminals - clean module pins)

damaged or bent pins - install new terminals/pins

pushed-out pins - install new pins as necessary

Reconnect the SODL connector and related in-line connectors. Make sure they seat and latch correctly.

Operate the system and determine if the concern is still present.

Is the concern still present?

Yes	CHECK OASIS for any applicable Technical Service Bulletins (TSBs). If a TSB exists for this concern, DISCONTINUE this test and FOLLOW TSB instructions. If no Technical Service Bulletins (TSBs) address this concern, INSTALL a new SODL. REFER to: Side Obstacle Detection Control Module .
No	The system is operating correctly at this time. The concern may have been caused by module connections. ADDRESS the root cause of any connector or pin issues.

AM48 CHECK THE SODR (SIDE OBSTACLE DETECTION CONTROL MODULE RH) FOR CORRECT OPERATION

Ignition OFF.

Disconnect and inspect the SODR connector and related in-line connectors.

Repair:

corrosion (install new connector or terminals - clean module pins)

damaged or bent pins - install new terminals/pins

pushed-out pins - install new pins as necessary

Reconnect the SODR connector and related in-line connectors. Make sure they seat and latch correctly.

Operate the system and determine if the concern is still present.

Is the concern still present?

Yes	CHECK OASIS for any applicable Technical Service Bulletins (TSBs). If a TSB exists for this concern, DISCONTINUE this test and FOLLOW TSB instructions. If no Technical Service Bulletins (TSBs) address this concern, INSTALL a new SODR. REFER to: Side Obstacle Detection Control Module .
No	The system is operating correctly at this time. The concern may have been caused by module connections. ADDRESS the root cause of any connector or pin issues.

AM49 CHECK THE TRM (TRAILER MODULE) FOR CORRECT OPERATION

Ignition OFF.

Disconnect and inspect the TRM connector and related in-line connectors.

Repair: