

damaged or bent pins - install new terminals/pins

pushed-out pins - install new pins as necessary

Reconnect the RTM 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 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.

DIAGNOSIS AND TESTING > COMMUNICATIONS NETWORK > PINPOINT TESTS > PINPOINT TEST Q : THE POWER STEERING CONTROL MODULE (PSCM) DOES NOT RESPOND TO THE DIAGNOSTIC SCAN TOOL

Refer to Module Communications Network for schematic and connector information.

Refer to Power Steering Controls for schematic and connector information.

Normal Operation and Fault Conditions

The PSCM communicates with the diagnostic scan tool through the HS-CAN2.

Possible Sources

- Fuse
- Wiring, terminals and connector
- PSCM

Visual Inspection and Diagnostic Pre-checks

Verify high current BJB MEGA fuse (125A) and BJB fuse 105 (10A) are OK.

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Q1 CHECK THE PSCM (POWER STEERING CONTROL MODULE) VOLTAGE SUPPLY CIRCUITS FOR AN OPEN

Ignition OFF.

Disconnect: PSCM C1463A and C1463B

Ignition ON.

Measure:

Positive Lead	Measurement / Action	Negative Lead
C1463A-2		Ground

Measure:

Positive Lead	Measurement / Action	Negative Lead
C1463B-1		Ground

Is the voltage greater than 11 volts?

Yes	GO to Q2
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No	VERIFY the high current BJB MEGA fuse (125A) or BJB fuse 105 (10A) is OK. If OK, REPAIR the circuit. If not OK, REFER to the OEM WIRING DIAGRAMS to identify the possible causes of the circuit short.
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Q2 CHECK THE PSCM (POWER STEERING CONTROL MODULE) GROUND CIRCUIT FOR AN OPEN

Ignition OFF.

Measure:

Positive Lead	Measurement / Action	Negative Lead
C1463A-1	Ω	Ground

Is the resistance less than 3 ohms?

Yes	GO to Q3
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No	REPAIR the circuit.
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Q3 CHECK THE HS-CAN2 (HIGH SPEED-CONTROLLER AREA NETWORK 2) CIRCUITS BETWEEN THE PSCM (POWER STEERING CONTROL MODULE) AND THE DLC (DATA LINK CONNECTOR) FOR AN OPEN