

DTC C200B:1C/C200C:1C

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DTC C200B:1C, C200C:1C	Torque sensor
DETECTION CONDITION	• Open or short circuit is detected in torque sensor circuit
FAIL-SAFE FUNCTION	• Control disabled • Power steering malfunction indicator light: Illuminated
POSSIBLE CAUSE	• Open or short circuit in wiring harness between the EPS CM terminals and torque sensor. • Poor connection at connectors • Torque sensor malfunction • EPS CM malfunction
SYSTEM WIRING DIAGRAM	—

Diagnostic Procedure

Step	Inspection	Action
1	INSPECT TORQUE SENSOR USING M-MDS <ul style="list-style-type: none">• Connect the M-MDS to the DLC-2.• Switch the ignition ON (engine off).• Access "STR_TRQ_S_M" and "STR_TRQ_S_S" PIDs. (See ELECTRIC POWER STEERING (EPS) ON-BOARD DIAGNOSIS.)• Verify that the data monitor value changes when the steering wheel is turned.<ul style="list-style-type: none">— Left: 0—positive— Right: 0—negative• Do the torque sensor signal values change in the same way?	Yes Malfunction may be temporary. Go to step 3.
		No Go to the next step.
2	INSPECT TORQUE SENSOR CONNECTOR AND TORQUE SENSOR WIRING HARNESS <ul style="list-style-type: none">• Switch the ignition OFF.• Disconnect the torque sensor connector.• Are the connector connection, connector pins, and wiring harness normal?	Yes Replace the steering column (torque sensor), then go to the next step. (See STEERING WHEEL AND COLUMN REMOVAL/INSTALLATION.)
		No Repair or replace the connector or wiring harness, then go to the next step.
3	VERIFY THAT SAME DTC IS NOT PRESENT <ul style="list-style-type: none">• Clear the DTC from the memory. (See ELECTRIC POWER STEERING (EPS) ON-BOARD DIAGNOSIS.)• Is the same DTC present? (See ELECTRIC POWER STEERING (EPS) ON-BOARD DIAGNOSIS.)	Yes Repeat the inspection from Step 1. If the malfunction recurs, replace the EPS CM, then go to the next step. (See STEERING WHEEL AND COLUMN REMOVAL/INSTALLATION.)
		No Go to the next step.
4	VERIFY THAT NO OTHER DTCs ARE PRESENT <ul style="list-style-type: none">• Are any other DTCs output? (See ELECTRIC POWER STEERING (EPS) ON-BOARD DIAGNOSIS.)	Yes Go to the applicable DTC inspection. (See ELECTRIC POWER STEERING (EPS) ON-BOARD DIAGNOSIS.)
		No DTC troubleshooting completed.