

DTC C200B:02/C200B:16/C200B:62/C200B:85

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DTC C200B:02, C200B:16, C200B:62, C200B:85	Torque sensor
DETECTION CONDITION	<ul style="list-style-type: none"> • C200B:02 <ul style="list-style-type: none"> — Signal error detected in torque sensor signal • C200B:16 <ul style="list-style-type: none"> — Open or short circuit is detected in torque sensor circuit • C200B:62 <ul style="list-style-type: none"> — Difference occurs between signals 1 and 2 from torque sensor • C200B:85 <ul style="list-style-type: none"> — Signal error detected in torque sensor signal
FAIL-SAFE FUNCTION	<ul style="list-style-type: none"> • Control disabled • Power steering malfunction indicator light: Illuminated
POSSIBLE CAUSE	<ul style="list-style-type: none"> • 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 Go to the next step.
		No Replace the steering column (torque sensor), then go to the next step. (See STEERING WHEEL AND COLUMN REMOVAL/ INSTALLATION.)
2	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.
3	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.