DTC	C1516	TORQUE SENSOR ZERO POINT ADJUSTMENT INCOMPLETE

CIRCUIT DESCRIPTION

This DTC does not indicate a malfunction. The power steering ECU assy outputs this DTC when it determines that torque sensor zero point calibration has not been completed normally.

DTC No.	DTC Detection Condition	Procedure
C1516	Steering zero point calibration has not been completed normally due to touching the steering wheel during calibration.	There is no malfunction if this DTC is not output again after clearing the DTCs, initializing the zero point calibration signal, and performing zero point calibration.

INSPECTION PROCEDURE

1	CLEAR DTC (SEE PAGE 05–987)

2	INITIALIZE ZERO POINT CALIBRATION SIGNAL OF TORQUE SENSOR (SEE PAGE 05–981)

3	PERFORM ZERO POINT CALIBRATION OF TORQUE SENSOR (SEE PAGE 05–981)

4	RECONFIRM DTC (SEE PAGE 05–987)

(a) Check for DTCs.

Result:

A	DTCs are still output even after performing steering zero point calibration 3 times.
B	DTCs are still output even after performing steering zero point calibration once or twice.
C	Normal system code is output.

HINT:

Replace the steering column assy if DTCs are still output even after performing steering zero point calibration 3 times.

B	Go to step 3
C	END (Returned to normal by completion of zero point calibration)

A

REPLACE STEERING COLUMN ASSY