DTC	C1210/36	ZERO POINT CALIBRATION OF YAW RATE SENSOR UNDONE

DTC	C1336/39	ZERO POINT CALIBRATION OF DECELERATION SENSOR UNDONE

CIRCUIT DESCRIPTION

Brake actuator receives signals from the yaw rate sensor (deceleration sensor) via CAN communication system.
Yaw rate sensor has the built–in G sensor.
If there is trouble in the bus lines between the yaw rate sensor (deceleration sensor) and CAN communication system, the DTC U0123/62 (yaw rate sensor communication trouble) and U0124/95 (G sensor communication trouble) are output.

DTC No.	DTC Detecting Condition	Trouble Area
C1210/36	Zero point calibration of yaw rate sensor undone	• Yaw rate sensor (Deceleration sensor) • Zero point calibration undone (Perform zero point calibration and DTC. If DTC is not output again, the sensor is normal)
C1336/39	When all the following (1 to 2) is detected: (1) Drives in normal mode before completing zero point calibration. (2) Zero point voltage is not within 2.38 V and 2.62 V at zero point calibration.	• Yaw rate sensor (Deceleration sensor) • Zero point calibration undone If DTC is not output again, the sensor is normal)

INSPECTION PROCEDURE

HINT:
When U0121/94, U0123/62, U0124/95 or U0126/63 are output accompanied with C1210/36 or C1336/39, inspect and repair the trouble areas indicated by U0121/94, U0123/62, U0124/95 or U0126/63 first.

1	PERFORM ZERO POINT CALIBRATION OF YAW RATE SENSOR AND DECELERATION SENSOR

(a) Perform the zero point calibration of the yaw rate sensor and deceleration sensor (see page 05–234).

NEXT

2	RECONFIRM DTC

(a) Clear the DTCs (see page 05–234).
(b) Turn the ignition switch to the ON position.
(c) Are the same DTCs recorded?

NO → PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE (SEE PAGE 05–253)

YES

3	CHECK SENSOR INSTALLATION

(a) Check that the yaw rate sensor has been installed properly (see page 32–51).

NG → INSTALL YAW RATE SENSOR CORRECTLY

OK

REPLACE YAWRATE SENSOR (SEE PAGE 32–51)