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 deceleration sensor.

If there is trouble in the bus lines between yaw rate sensor (deceleration sensor) and CAN communication system, the DTC codes U0123/62 (yaw rate sensor communication trouble) and U0124/95 (deceleration sensor communication trouble) are output.

The DTC is also output when the calibration has not been completed.

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	Zero point calibration of deceleration 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)

INSPECTION PROCEDURE

HINT:
When U0123/62, U0124/95 or U0126/63 are output accompanied with C1210/36 or C1336/39, inspect and repair the trouble areas indicated by 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 05–387).

NEXT

2	RECONFIRM DTC

(a) Clear the DTCs.
(b) Turn the ignition switch to the ON position.
(c) Check that the same DTCs are recorded (see page 05–400).
OK:
The same DTCs are recorded.

NG → **END**

HINT:
The DTCs are recorded because zero point calibration has not been completed.
End the procedure since the same DTCs are not recorded after completion of the zero point calibration.

OK

3	CHECK SENSOR INSTALLATION

Check that the yaw rate and deceleration sensor has been installed properly (see page 32–63).
OK:
- **The sensor is tightened to the specified torque.**
- **The sensor is not tilted.**

NG → **INSTALL YAW RATE SENSOR CORRECTLY**

OK

REPLACE YAW RATE SENSOR (SEE PAGE 32–63)

NOTICE:
When replacing the yaw rate sensor, perform zero point calibration (see page 05–387).