

DTC	C1210/36	ZERO POINT CALIBRATION OF YAW RATE SENSOR UNDONE
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DTC	C1336/39	ZERO POINT CALIBRATION OF DECELERATION SENSOR UNDONE
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CIRCUIT DESCRIPTION

The brake actuator receives signals from the yaw rate sensor (deceleration sensor) via the CAN communication system.

the yaw rate sensor has the built-in deceleration 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.

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	<ul style="list-style-type: none"> • Yaw rate sensor (Deceleration sensor) • Zero point calibration undone (Perform zero point calibration and check if the DTC is output. If DTC is not output again, the sensor is normal)
C1336/39	When any of 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.	<ul style="list-style-type: none"> • Yaw rate sensor (Deceleration sensor) • Zero point calibration undone (Perform zero point calibration and check if the DTC is output. If DTC is not output again, the sensor is normal)

INSPECTION PROCEDURE

HINT:

If U0121/94, U0123/62, U0124/95 or U0126/63 is output accompanied with C1210/36 or C1336/39, inspect and repair the trouble areas indicated by those DTCs 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 05-610).

NEXT

2 RECONFIRM DTC

- (a) Clear the DTCs (see page 05-625).
 (b) Turn the ignition switch to the ON position.

Are the same DTCs recorded? (see page 05-625).

NO

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE (SEE PAGE 05-620)

YES

3 CHECK SENSOR INSTALLATION

Check that the yaw rate sensor has been installed properly (see page 32-22).

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INSTALL YAW RATE SENSOR CORRECTLY

OK

REPLACE YAWRATE SENSOR (SEE PAGE 32-22)

NOTICE:

When replacing the yaw rate sensor, perform zero point calibration (see page 05-610).