

DTC	C1210/36	Zero Point Calibration of Yaw Rate Sensor Undone
DTC	C1336/39	Zero Point Calibration of Acceleration Sensor Undone

DESCRIPTION

The ABS and TRACTION actuator receives signals from the yaw rate and acceleration sensor via the CAN communication system.

The yaw rate sensor has the built-in acceleration sensor.

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

These DTCs are 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 and acceleration sensor - Zero point calibration undone (Perform zero point calibration and check DTC. If DTC is not output again, the sensor is normal)
C1336/39	When either of the following (a and b) is detected: (a) Drives in normal mode before completing zero point calibration. (b) Zero point voltage is not within 2.38 V and 2.62 V at zero point calibration.	- Yaw rate and acceleration sensor - Zero point calibration undone (Perform zero point calibration and check DTC. If DTC is not output again, the sensor is normal)

INSPECTION PROCEDURE

NOTICE:

When replacing the yaw rate sensor, perform zero point calibration (See page [BC-80](#)).

HINT:

When U0073/94, U0123/62, U0124/95 or U0126/63 is output accompanied with C1210/36 or C1336/39, inspect and repair the trouble areas indicated by U0073/94, U0123/62, U0124/95 or U0126/63 first.

1	CHECK YAW RATE SENSOR INSTALLATION
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- (a) Check that the yaw rate sensor has been installed properly.

OK:

The sensor should be tightened to the specified torque.

The sensor should not be tilted.

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INSTALL YAW RATE SENSOR CORRECTLY

OK

2	PERFORM ZERO POINT CALIBRATION OF YAW RATE AND ACCELERATION SENSOR
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- (a) Perform the zero point calibration of the yaw rate and acceleration sensor (See page [BC-80](#)).

NEXT

3 RECONFIRM DTC

- (a) Clear the DTCs (See page [BC-96](#)).
- (b) Turn the ignition switch to the ON position.
- (c) Are the same DTCs recorded? (See page [BC-96](#))

NO**END****YES****REPLACE YAW RATE SENSOR**