

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

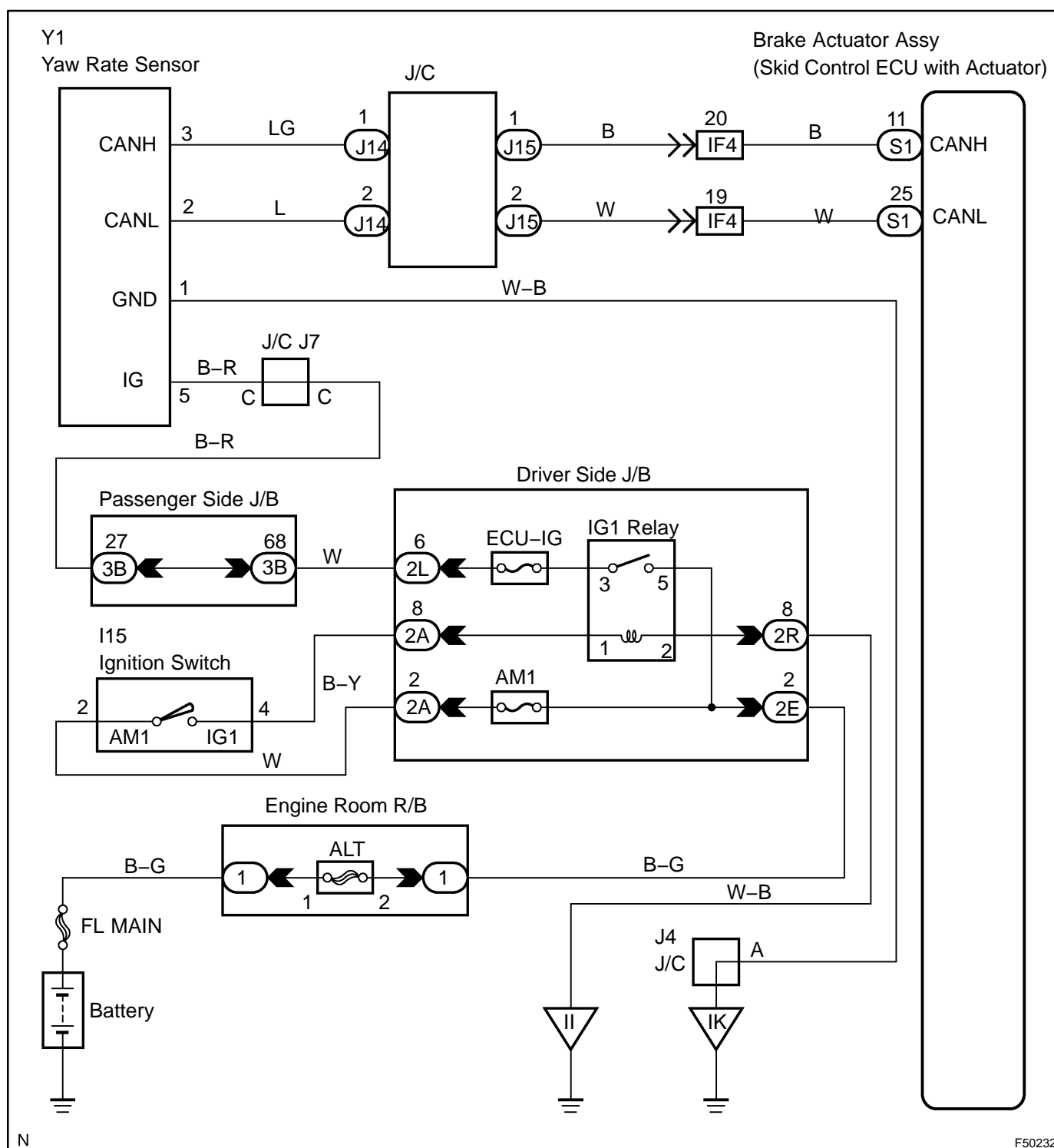
The brake actuator receives signals from the yaw rate sensor via the CAN communication system.

The yaw rate sensor has a built-in deceleration sensor.

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

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 (deceleration) sensor • Zero point calibration undone (Perform zero point calibration and check for a DTC. 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 (deceleration) sensor • Zero point calibration undone (Perform zero point calibration and check for a DTC. If DTC is not output again, the sensor is normal)

WIRING DIAGRAM



INSPECTION PROCEDURE

HINT:

When U0073/94, U0100/65, U0121/94, U0123/62, U0124/95 and/or U0126/63 are output together with C1210/36 and/or C1336/39, inspect and repair the trouble areas indicated by U0073/94, U0100/65, U0121/94, U0123/62, U0124/95 or U0126/63 first.

1 CHECK SENSOR INSTALLATION

- (a) Check that the yaw rate sensor has been installed properly (see page [32-71](#)).

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INSTALL YAW RATE SENSOR CORRECTLY

OK

2 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 [05-987](#)).

NEXT

3 RECONFIRM DTC

- (a) Clear the DTCs (see page [05-1002](#)).
(b) Turn the ignition switch to the ON position.
(c) Are the same DTCs recorded? (see page [05-1002](#))

NO

END

HINT:

These DTCs may be memorized due to a malfunction in the connector terminal.

YES

REPLACE YAWRATE SENSOR ASSY (SEE PAGE [32-63](#))