

DTC	C1210/36	ZERO POINT CALIBRATION OF YAW RATE SENSOR UNDONE
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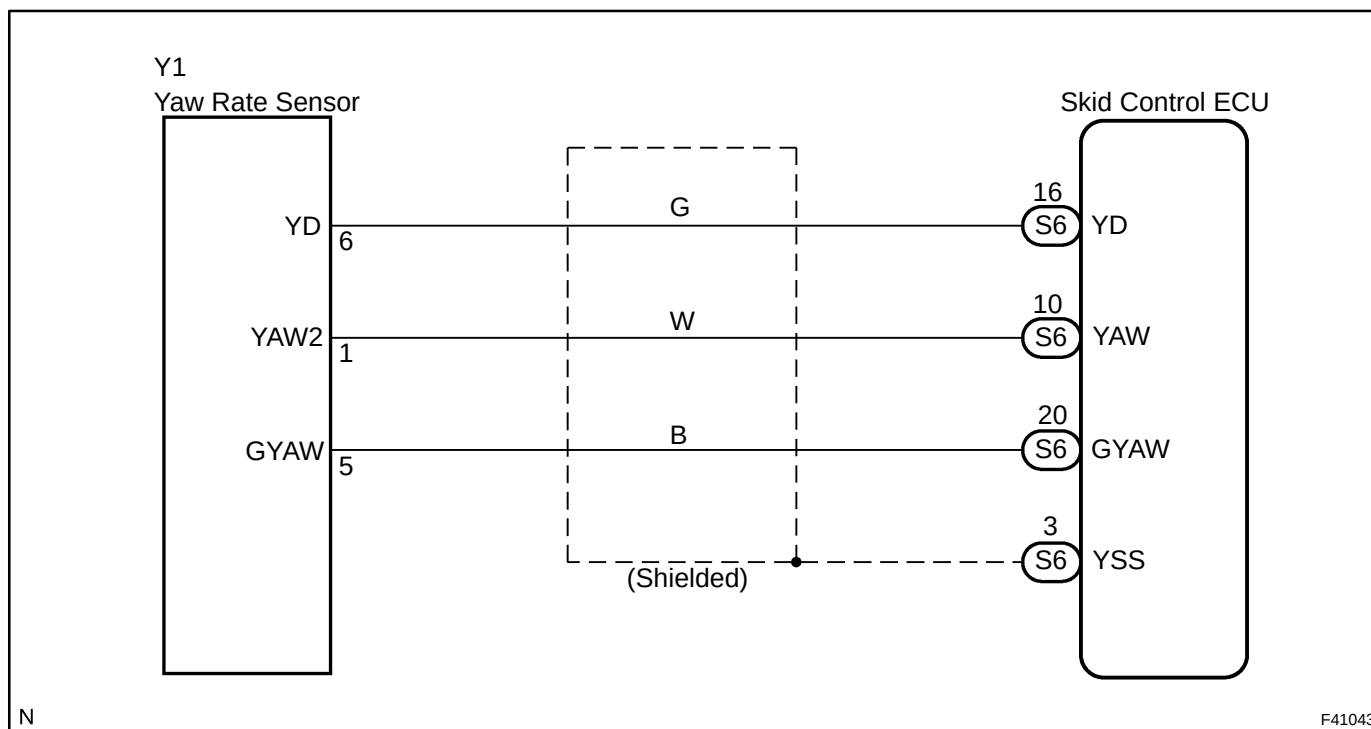
DTC	C1233/33	OPEN OR SHORT CIRCUIT IN YAW RATE SENSOR CIRCUIT
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DTC	C1234/34	MALFUNCTION IN YAW RATE SENSOR
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CIRCUIT DESCRIPTION

DTC No.	DTC Detecting Condition	Trouble Area
C1210/36	- After ECU was replaced, when the shift lever was moved other than to P position within 15 sec. soon after ECU terminal IG1 become ON for the first time. - When the yaw rate sensor zero point recorded in ECU is deleted.	- Yaw rate sensor - Yaw rate sensor circuit - P position switch circuit
C1233/33	Detection of any of conditions 1. through 4.: - When the ECU IG1 terminal voltage is 9.5 to 17.2 V, the yaw rate sensor voltage is out of the range from 0.25 to 4.75 V for 1 sec. or more. - The yaw rate sensor open circuit detect signal is ON for 1 sec. or more. - The yaw rate sensor power source voltage is out of the range from 4.4 to 5.6 V for 1 sec. or more. - Momentary open circuit of the yaw rate sensor signal occurs 10 times or more.	- Yaw rate sensor - Yaw rate sensor circuit
C1234/34	When the yaw rate sensor VYS terminal voltage is 4.4 to 5.6 V, YD malfunction signal of the yaw rate sensor is ON for 5 sec. or more.	

WIRING DIAGRAM

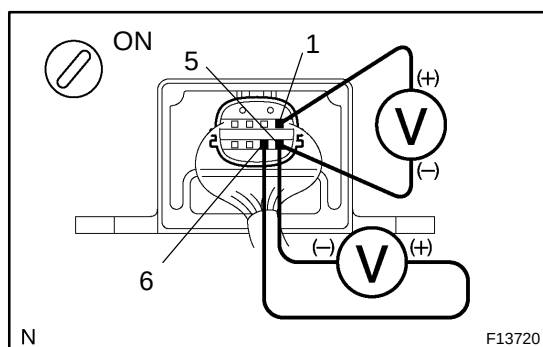


INSPECTION PROCEDURE

1 PERFORM ZERO POINT CALIBRATION OF YAW RATE SENSOR
 (See page 05-288)

2 RECONFIRM DTC(See page 05-288)

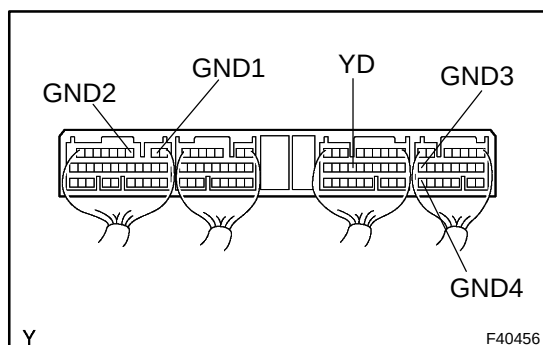
A	Malfunction Code
B	Normal Code

B → **END**
A
3 INSPECT YAWRATE SENSOR


- Remove the console box then remove the yaw rate sensor with the connector still connected to it.
- Turn the ignition switch ON.
- Measure voltage between terminals YAW2 (1) - GYAW (5), and terminals YD (6) - GYAW (5) of the yaw rate sensor.

OK:

Terminals 1 and 5 (YAW2 - GYAW)	About 2.42 - 2.58 V
terminals 6 and 5 (YD - GYAW)	About 4.5 - 5.3 V

NG → **REPLACE YAWRATE SENSOR**
OK
4 INSPECT SKID CONTROL ECU TERMINAL VOLTAGE(YD TERMINAL)


- Remove the skid control ECU with the connector still connected to it.
- Turn the ignition switch ON.
- Measure voltage between terminals YD and GND of skid control ECU.

OK: 4.5 - 5.3 V
OK → **CHECK AND REPLACE SKID CONTROL ECU ASSY**
NG

5	CHECK HARNESS AND CONNECTOR(YAW RATE SENSOR - SKID CONTROL ECU)
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- (a) Check for open and short circuit in harness and connector between terminal YD of yaw rate sensor and skid control ECU (See page [01-31](#)).

NG

REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

CHECK AND REPLACE SKID CONTROL ECU ASSY