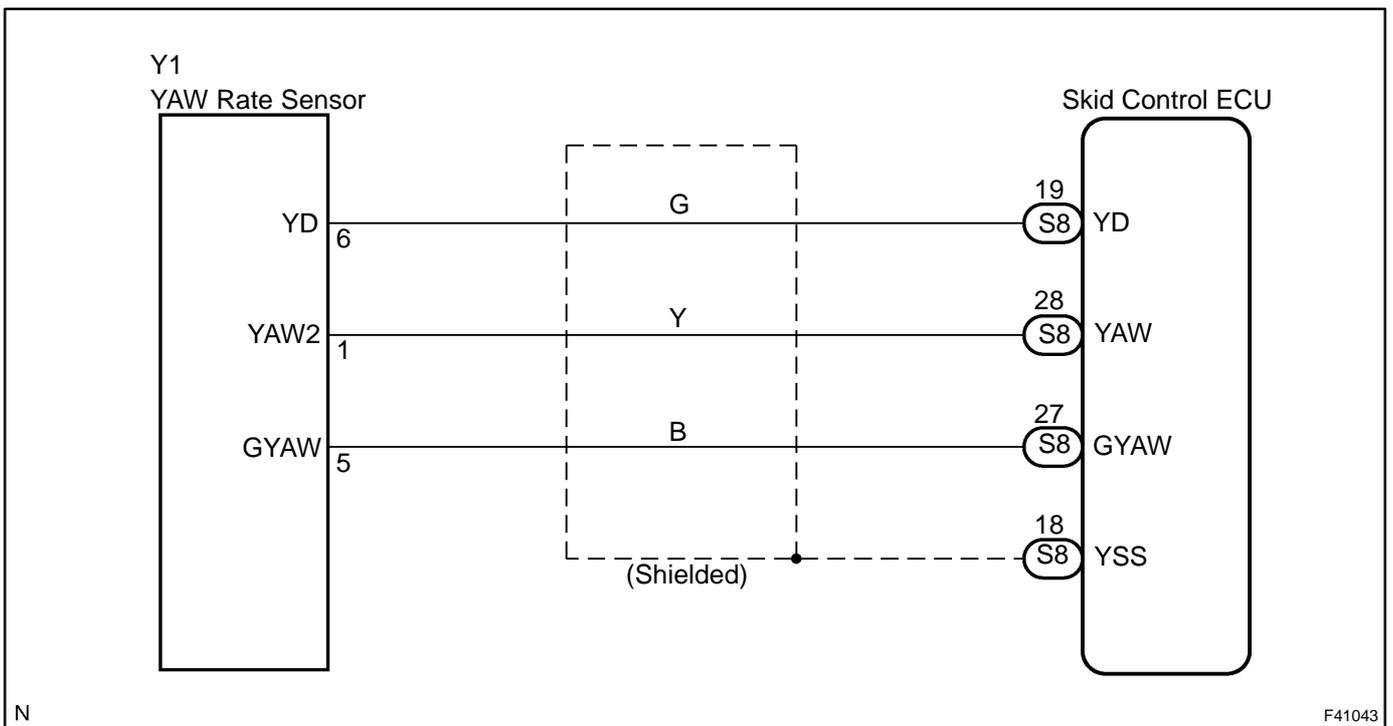


<b>DTC</b>	<b>C1210/36</b>	<b>ZERO POINT CALIBRATION OF YAW RATE SENSOR UNDONE</b>
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**CIRCUIT DESCRIPTION**

DTC No.	DTC Detecting Condition	Trouble Area
C1210/36	When any of following 1. through 2. is detected: 1. After battery terminal was connected, when the shift lever was moved other than to P range within 15 sec. soon after ECU terminal IG1 become ON for the first time. 2. When the yaw rate sensor zero point recorded in ECU is deleted.	<ul style="list-style-type: none"> <li>• Yaw rate sensor</li> <li>• Yaw rate sensor circuit</li> <li>• Neutral start switch circuit</li> </ul>

**WIRING DIAGRAM**



**INSPECTION PROCEDURE**

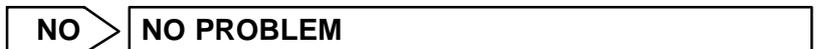
<b>1</b>	<b>PERFORM ZERO POINT CALIBRATION OF YAW RATE SENSOR</b>
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(a) See page 05-307 .

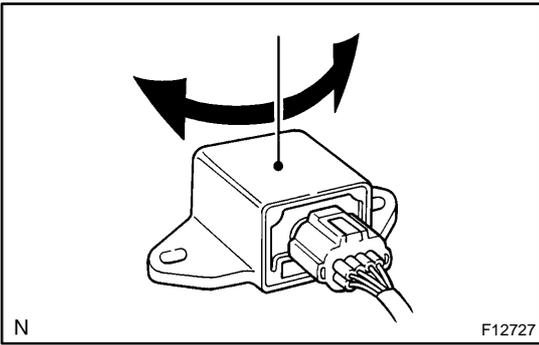


<b>2</b>	<b>CHECK RECONFIRM DTC</b>
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(a) Check if the DTC is output.



**3 READ VALUE OF YAWRATE SENSOR**



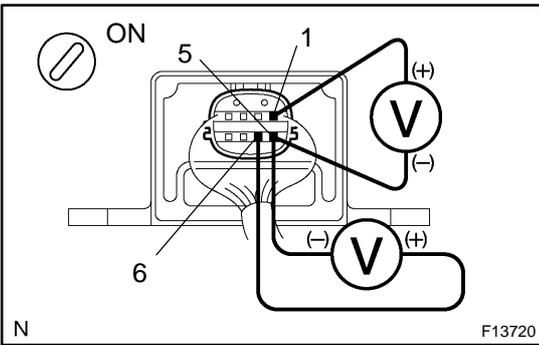
**IN CASE OF USING HAND-HELD TESTER:**

- (a) Remove the consol box.
- (b) Remove the yaw rate sensor with the connector still connected to it.
- (c) Connect the hand-held tester to the DLC3.
- (d) Turn the ignition switch ON and push the hand-held tester main switch ON.
- (e) Select the DATALIST mode on the hand-held tester.
- (f) Check that the yaw rate sensor value of the yaw rate sensor observed in the hand-held tester is changing: Place the yaw rate sensor vertically to the ground and turn the sensor pivoted on its center.

**OK:**

**Yaw rate value must be changing. (Reference)**

**When the yaw rate sensor is stationary output value:  
± 4 deg/s**



**IN CASE OF NOT USING HAND-HELD TESTER:**

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

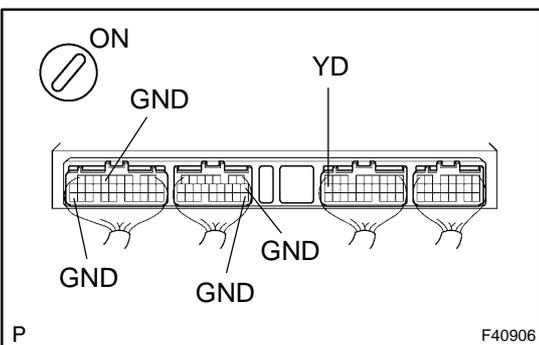
**OK:**

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)**



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

**OK:**

**voltage: 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)**

- (a) Check for open and short circuit in harness and connector between terminal YD of yaw rate sensor and skid control ECU (See page [01-35](#)).

**NG****REPAIR OR REPLACE HARNESS AND CONNECTOR****OK****CHECK AND REPLACE SKID CONTROL ECU ASSY**