DI8XQ-02

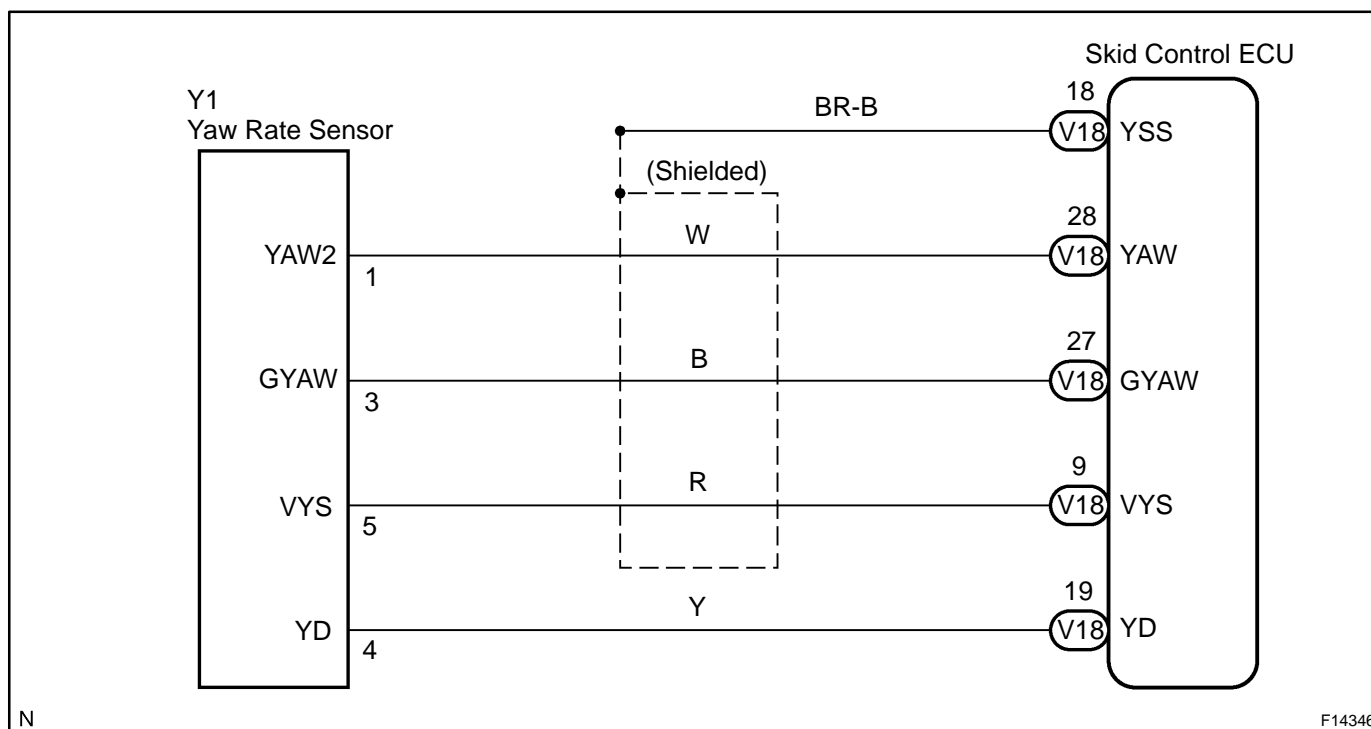| DTC	C1210 / 36	Zero Point Calibration of Yaw Rate Sensor Undone

CIRCUIT DESCRIPTION

DTC No.	DTC Detecting Condition	Trouble Area
C1210 / 36	When either the condition 1. or 2. is detected: 1. After battery terminal was connected, ECU terminal IG1 is turned ON for the first time. Within 15 sec. the shift lever is moved to any position except P range. 2. When the yaw rate sensor zero point recorded in ECU is deleted.	• Yaw rate sensor • Yaw rate sensor circuit • PNP switch circuit (P range)

WIRING DIAGRAM

N   F14346

INSPECTION PROCEDURE

1	Perform zero point calibration of yaw rate sensor (See page DI-224).
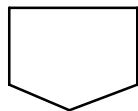
2	Is DTC still output?

Check DTC on page DI-224 .

NO	No problem.

YES

3	Check output value of yaw rate sensor.

F02808
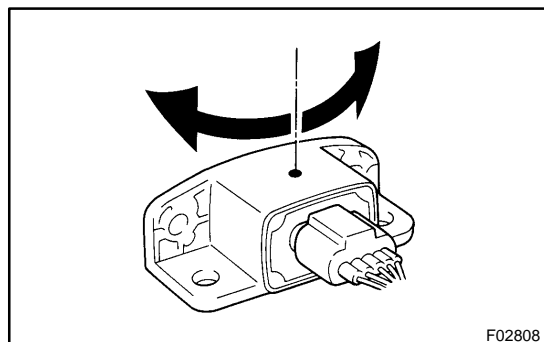
In case of using the hand-held tester:
PREPARATION:
(a) Remove the 2 bolts and the yaw rate sensor with the connector still connected.
(b) Connect the hand-held tester to DLC3.
(c) Turn the ignition switch ON and push the hand-held tester main switch ON.
(d) Select the DATALIST mode on the hand-held tester.
CHECK:
Check that the yaw rate sensor value of the yaw rate sensor displayed on the hand-held tester is changing: Place the yaw rate sensor vertically to the ground and turn the sensor pivoted on its center.
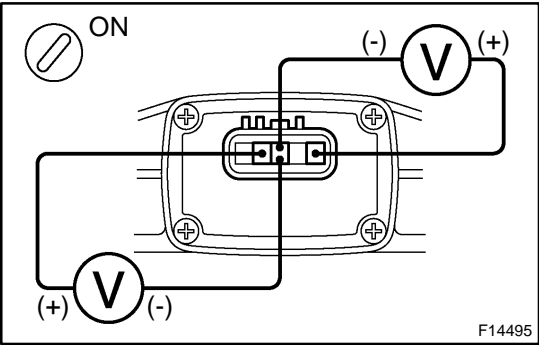**OK:**
   Yaw rate value must be changing.
   (Reference)
   When the yaw rate sensor is stationary:
   Output value: ± 4 deg/s

F14495

In case of not using the hand-held tester:
PREPARATION:
(a) Remove the consol box, then the yaw rate sensor with the connector still connected.
(b) Turn the ignition switch ON.

CHECK:
Measure voltage between terminals YAW2 (1) - GYAW (3), and terminals YD (4) - GYAW (3) of the yaw rate sensor.

OK:

Terminals 1 and 3 (YAW - GYAW)	About 2.42 - 2.58 V
Terminals 4and 3 (YD - GYAW)	About 4.5 - 5.3 V

NG	Replace yaw rate sensor.

OK

4	Check for open and short circuit in harness and connector between yaw rate sensor and skid control ECU (See page).

NG	Repair or replace harness or connector.

OK

Check and replace skid control ECU.