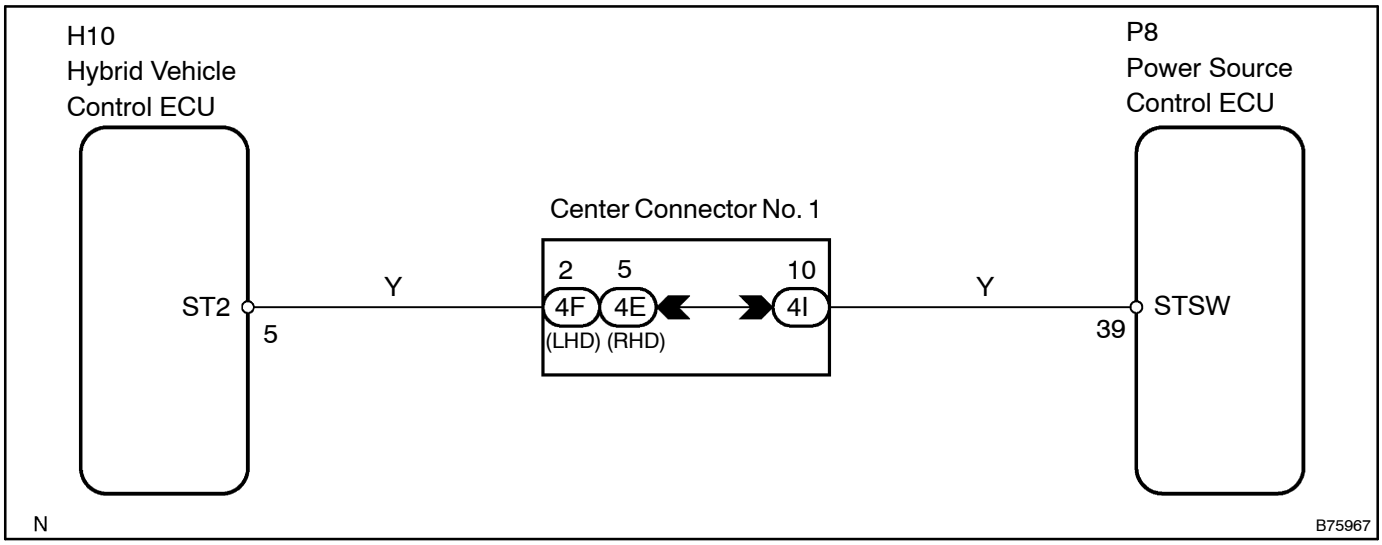
DTC	B2275	STSW MONITOR MALFUNCTION

CIRCUIT DESCRIPTION

This DTC is output when the ST output circuits inside the power source control ECU is open or short.

DTC No.	DTC detection condition	Trouble area
B2275	ST output circuit inside power source control ECU or other related circuit is malfunctioning	• Power source control ECU • Hybrid vehicle control ECU • Wire harness

WIRING DIAGRAM



INSPECTION PROCEDURE

1	CHECK FOR DTCS

(a) Delete the DTC (see page 05–2140)

(b) Check for DTCs again.

OK: No DTC is output.

NG → **Go to step 2**

OK

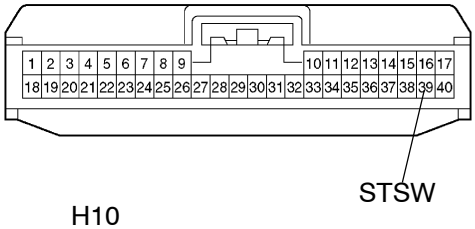
END

2	CHECK WIRE HARNESS (POWER SOURCE CONTROL ECU – HYBRID VEHICLE CONTROL ECU AND BODY GROUND)

Wire Harness Side

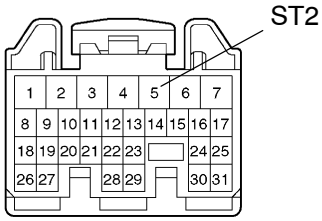
P8

Power Source Control ECU



H10

Hybrid Vehicle Control ECU



(a) Disconnect the P8 and H10 ECU connectors.

(b) Measure the resistance of the wire harness side connectors.

Standard:

Tester Connection	Specified Condition
P8–39 (STSW) – H10–5 (ST2)	Below 1 Ω
P8–39 (STSW) – Body ground	10 kΩ or higher

NG → **REPAIR OR REPLACE HARNESS AND CONNECTOR**

OK

3	CHECK OPERATION OF POWER SOURCE CONTROL ECU

(a) After replacing the power source control ECU with a normally functioning ECU, check that the hybrid control system can start normally.

OK: Hybrid control system can start normally.

NG → **Go to HYBRID CONTROL SYSTEM (See page 05–268)**

OK

NORMAL (POWER SOURCE CONTROL ECU DEFECTIVE)