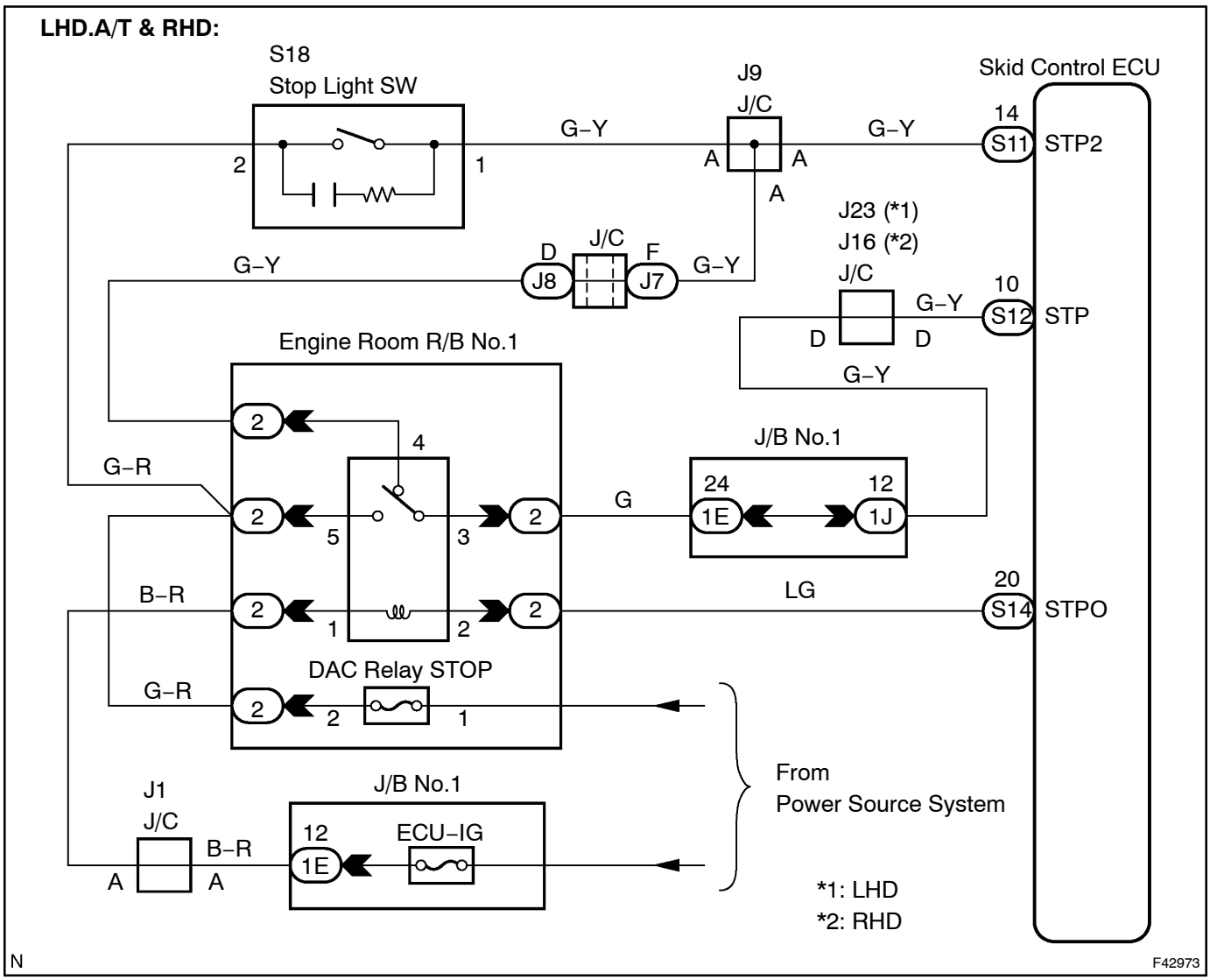
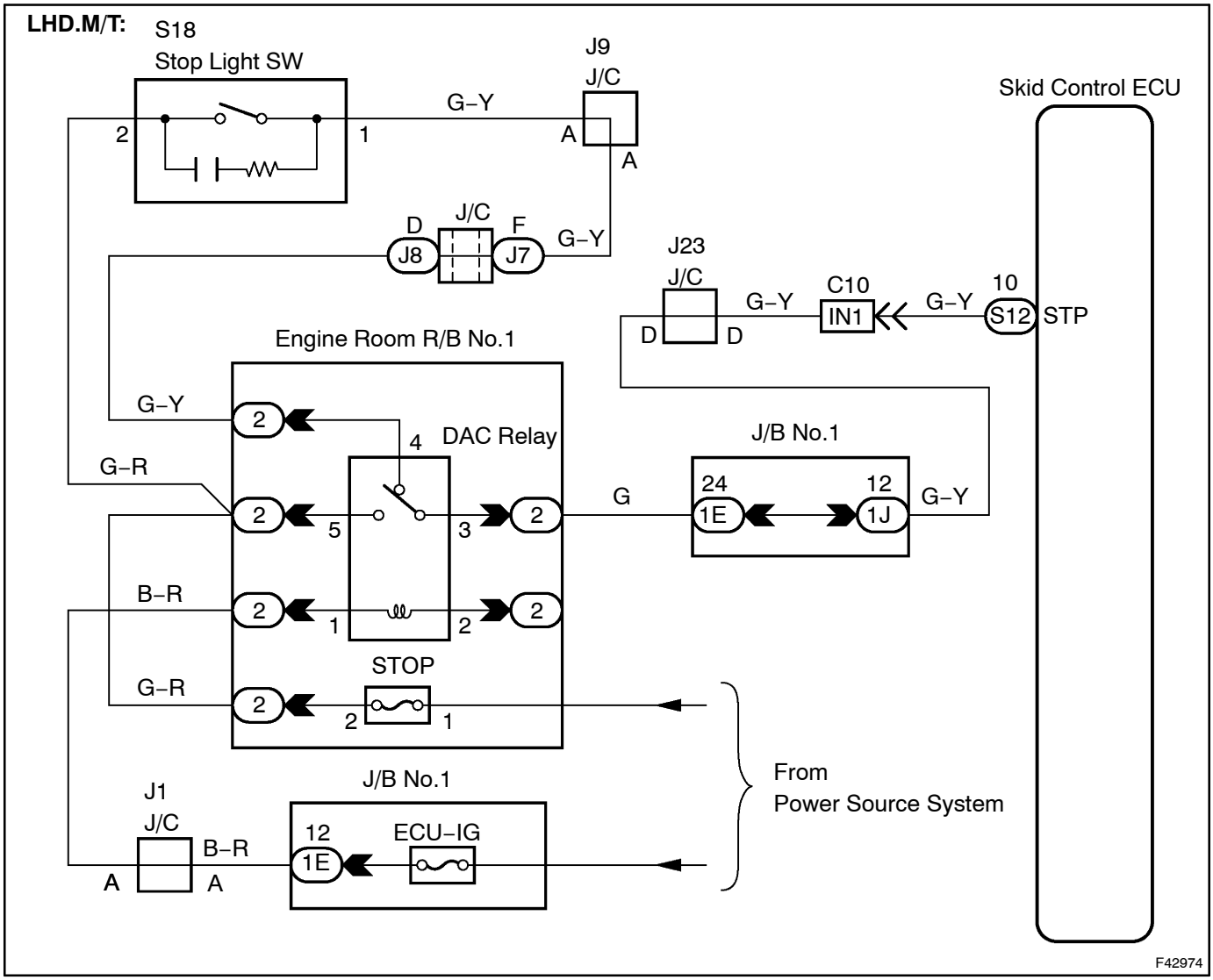
DTC	C1249/49	OPEN CIRCUIT IN STOP LIGHT SWITCH CIRCUIT

CIRCUIT DESCRIPTION

DTC No.	DTC Detecting Condition	Trouble Area
C1249/49	ECU terminal IG1 voltage is 9.5 to 17.0 V and ABS is in non–operation, the open in circuit stop light switch circuit continues for 10 sec. or more. (However, DTC is not output within 100 msec. when the stop light operation relay is turned from ON to OFF.)	Stop light switch circuit

WIRING DIAGRAM




LHD.M/T:
S18
Stop Light SW
J9
J/C
Skid Control ECU
G–Y
2
1
A
A
D
J/C
F
J8
J7
G–Y
J23
J/C
C10
G–Y
10
G–Y
S12
STP
IN1
D
D
Engine Room R/B No.1
G–Y
2
4
DAC Relay
J/B No.1
G–R
2
5
3
2
G
24
12
G–Y
1E
1J
B–R
2
1
2
2
STOP
G–R
2
2
1
From
Power Source System
J/B No.1
J1
J/C
12
ECU–IG
B–R
1E
A
A
F42974

INSPECTION PROCEDURE

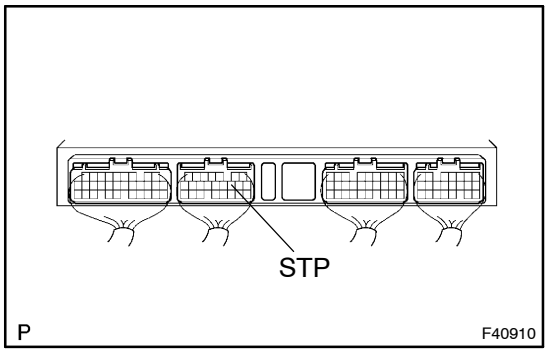
1	INSPECT STOP LAMP SWITCH ASSY

(a) Check that the stop light lights up when brake pedal is depressed and turns OFF when the brake pedal is released.

NG → **Go to step 4**

OK

2	INSPECT SKID CONTROL ECU TERMINAL VOLTAGE(STP TERMINAL)



(a) Remove the skid control ECU with connectors still connected.

(b) Measure voltage between terminal STP of skid control ECU and body ground when brake pedal is depressed.

OK:

Voltage: 8 – 14 V

OK → **CHECK AND REPLACE SKID CONTROL ECU ASSY**

NG

3	CHECK HARNESS AND CONNECTOR(STOP LIGHT SWITCH – SKID CONTROL ECU)

(a) Check for open and short circuit in harness and connector between stop light switch and skid control ECU (See page 01–36).

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

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE

4	CHECK HARNESS AND CONNECTOR(STOP LIGHT CIRCUIT)

(a) Check for open and short circuit in harness and connector of the stop light circuit (See page 01–36).

OK → **REPLACE STOP LAMP SWITCH ASSY**

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR