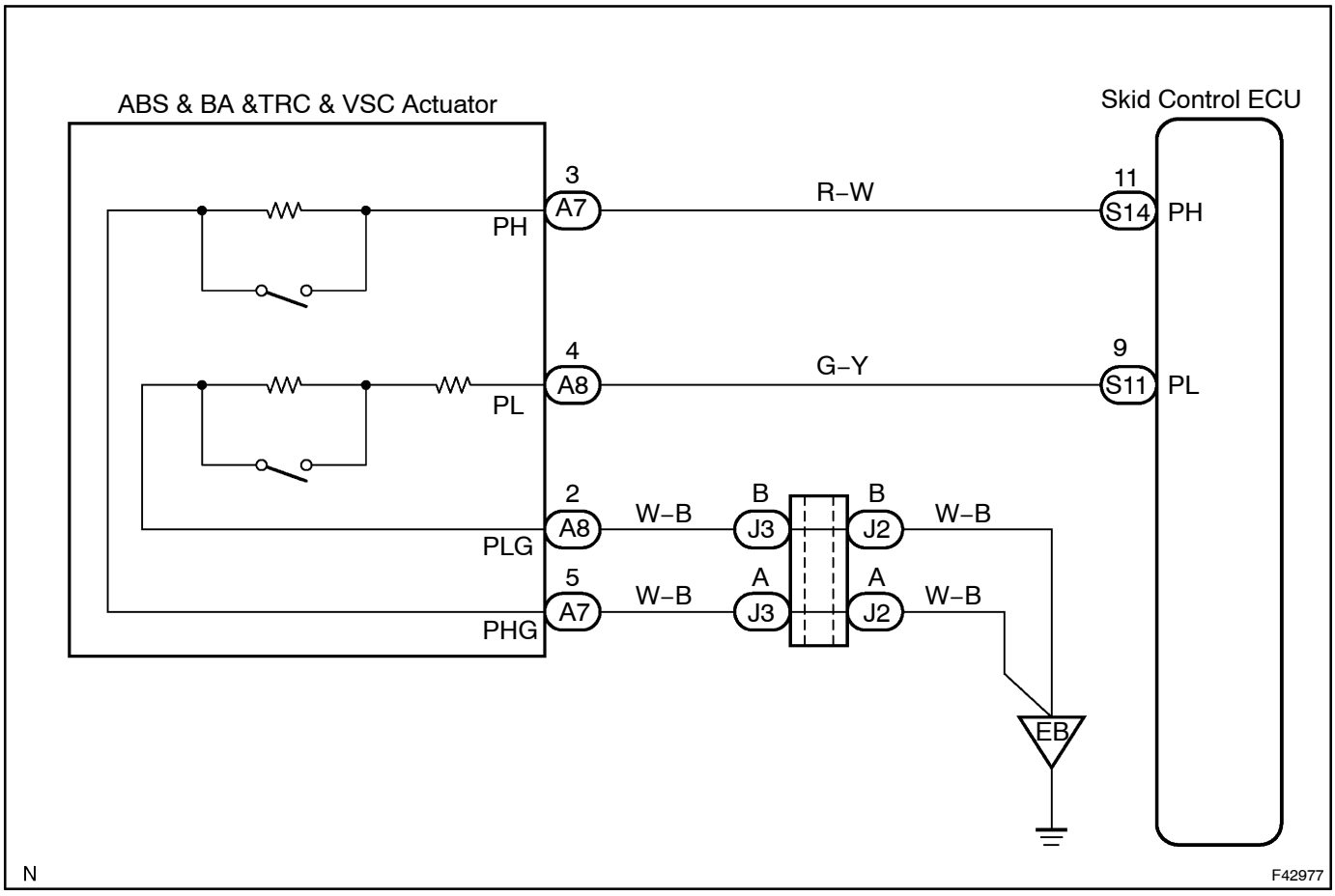
DTC C1254/54 PRESSURE SWITCH CIRCUIT

CIRCUIT DESCRIPTION

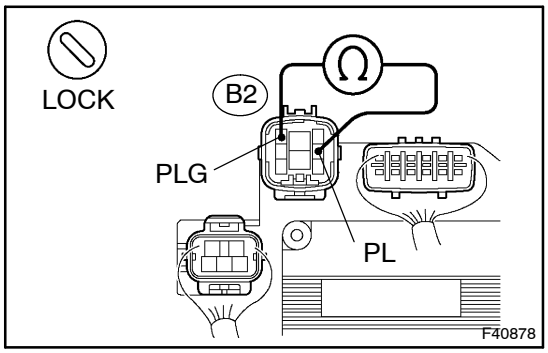
DTC No.	DTC Detecting Condition	Trouble Area
C1254/54	Either of the following 1. or 2. is detected: 1. After turning the ignition switch ON, short or open circuit in pressure switch (PL) continued for more than 1 sec. 2. After turning the ignition switch ON open in pressure switch (PH) continued for more than 1 sec.	• Pressure switch (PH or PL) • Pressure switch circuit

WIRING DIAGRAM



INSPECTION PROCEDURE

1 INSPECT PRESSURE SWITCH(PL)



(a) Disconnect the connector (B2) from the brake master cylinder.

(b) With ignition switch OFF, depress the brake pedal more than 40 times to decrease the accumulator pressure.

HINT:
When a pressure in power supply system is released, reaction force becomes lightly.

(c) Measure resistance between terminals PL and PLG of brake master cylinder.

OK:

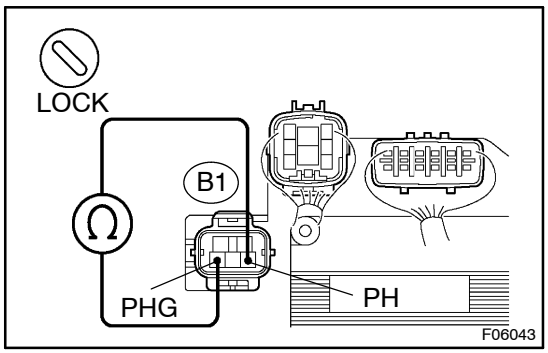
Resistance: 5.1 – 6.3 kΩ

HINT:
After inspection, connect the connector and clear the DTC (See page 05–730).

NG → **REPLACE BRAKE MASTER CYLINDER**

OK

2 INSPECT PRESSURE SWITCH(PH)



(a) Disconnect the connector (B1) from the brake master cylinder.

(b) With ignition switch OFF, depress the brake pedal more than 40 times to decrease the accumulator pressure.

HINT:
When a pressure in power supply system is released, reaction force becomes lightly.

(c) Measure resistance between terminals PH and PHG of brake master cylinder connector.

OK:

Resistance: 0.9 – 1.1 kΩ

HINT:
After inspection, connect the connector and clear the DTC (See page 05–730).

NG → **REPLACE BRAKE MASTER CYLINDER**

OK

3	**CHECK HARNESS AND CONNECTOR (BRAKE MASTER CYLINDER – SKID CONTROL ECU)**

(a) Check for open and short circuit in harness and connector between each terminals PL and PH of the brake master cylinder and the same one of the skid control ECU (See page 01–36).

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

OK

CHECK AND REPLACE SKID CONTROL ECU ASSY