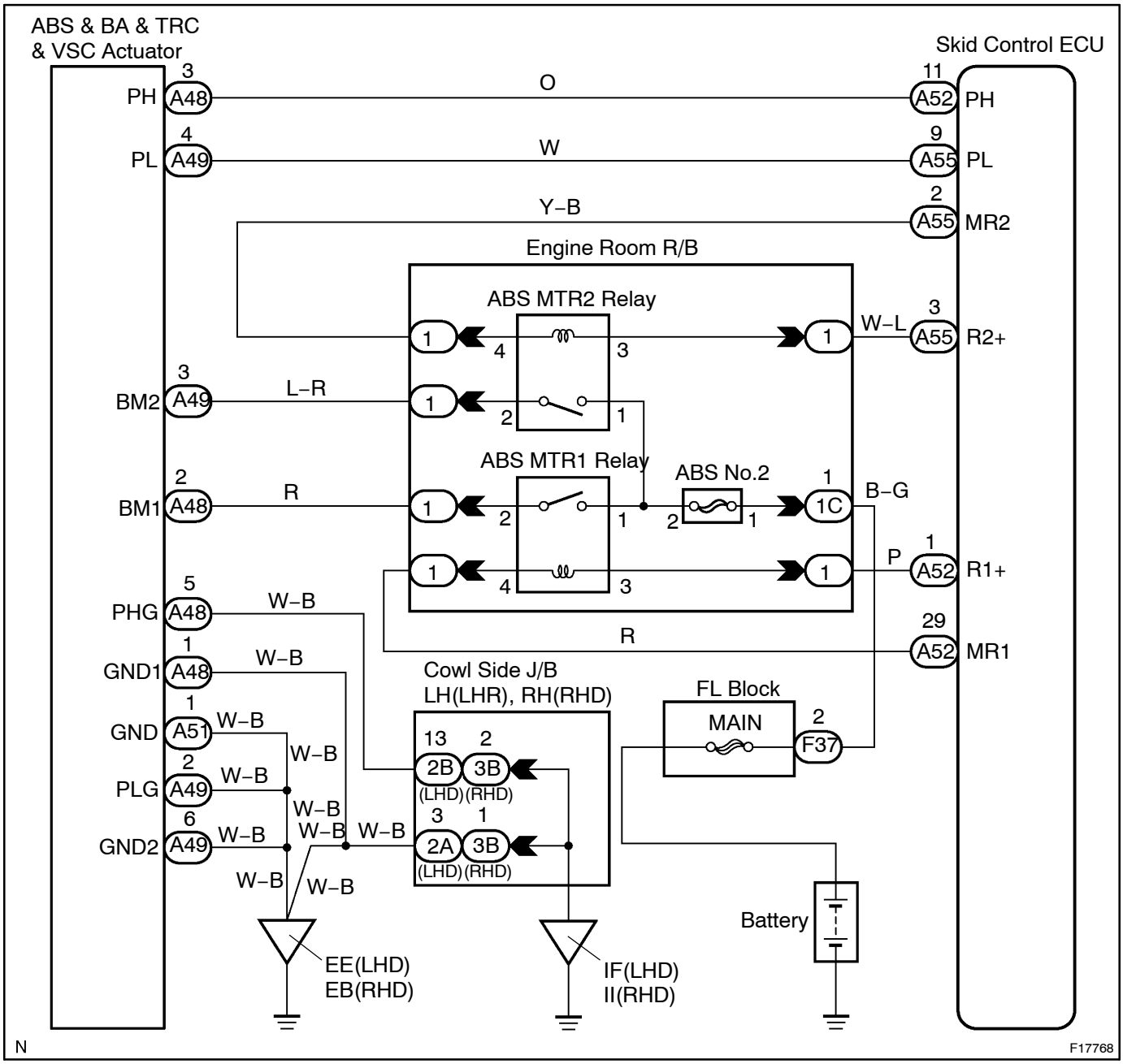
DI6XS–03

DTC	C1254 / 54	Pressure Switch Circuit

CIRCUIT DESCRIPTION

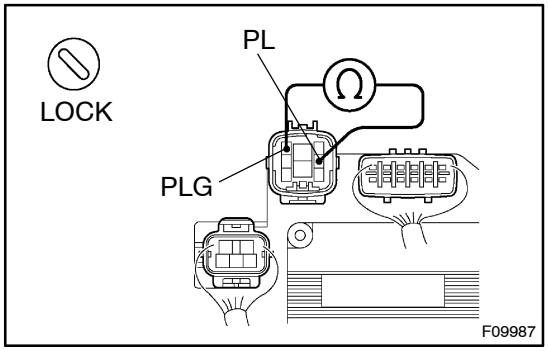
DTC No.	DTC Detecting Condition	Trouble Area
C1254 / 54	Either of the following 1. or 2. is detected: 1. After turning the ignition switch ON, short or open circuit in pressure switch (PL) continued for more than 1 sec. 2. After turning the ignition switch ON open in pressure switch (PH) continued for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

WIRING DIAGRAM



INSPECTION PROCEDURE

1	Check pressure switch (PL) resistance.



PREPARATION:

(a) Disconnect the connector (8P) from the hydraulic brake booster.

(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 light and stroke becomes longer.

CHECK:

Measure resistance between terminals PL and PLG of hydraulic brake booster connector.

OK:

Resistance: 5.1 – 6.3 kΩ

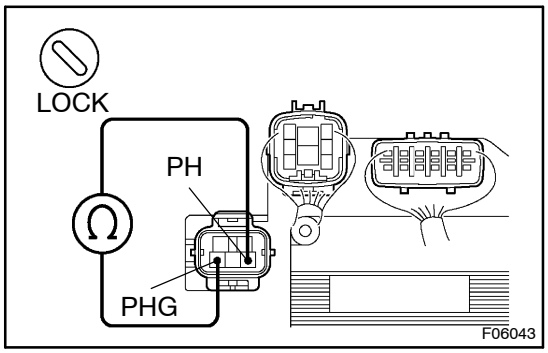
HINT:

After inspection, connect the connector and clear the DTC (See page DI–185).

NG	Replace hydraulic brake booster assembly.

OK

2	Check pressure switch (PH) resistance.



PREPARATION:

(a) Disconnect the connector (5P) from the hydraulic brake booster.

(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 light and stroke becomes longer.

CHECK:

Measure resistance between terminals PH and PHG of hydraulic brake booster connector.

OK:

Resistance: 0.9 – 1.1 kΩ

HINT:

After inspection, connect the connector and clear the DTC (See page DI–185).

NG → Replace hydraulic brake booster assembly.

OK

3	Check for open and short circuit in harness and connector between pressure switch and skid control ECU (See page IN–38).

NG → Repair or replace harness or connector.

OK

Check and replace skid control ECU.