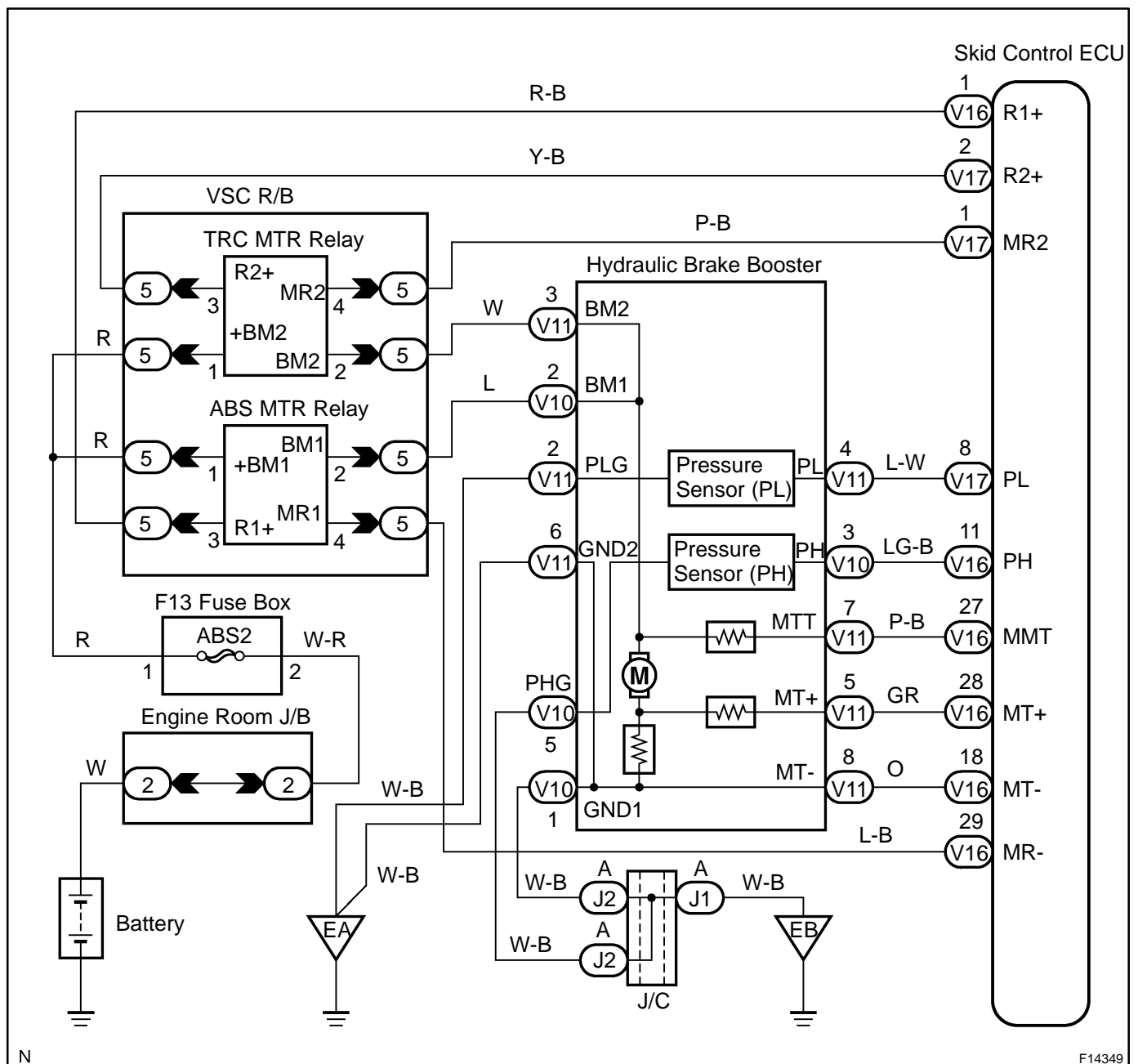


|            |                   |                                |
|------------|-------------------|--------------------------------|
| <b>DTC</b> | <b>C1254 / 54</b> | <b>Pressure Switch Circuit</b> |
|------------|-------------------|--------------------------------|

## CIRCUIT DESCRIPTION

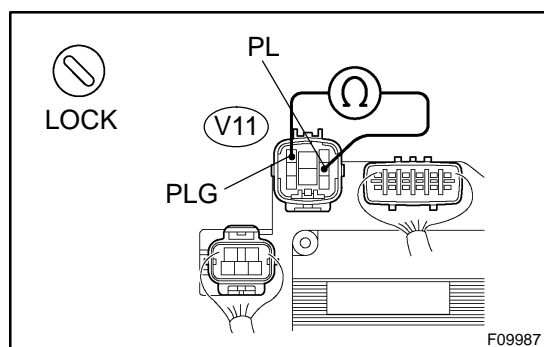
| DTC No.    | DTC Detecting Condition  | Trouble Area  |
|------------|--|---|
| C1254 / 54 | <p>Either of the condition 1. or 2. is detected:</p> <ol style="list-style-type: none"> <li>1. After the ignition switch is turned ON, short or open circuit in pressure switch (PL) continues for more than 1 sec.</li> <li>2. After the ignition switch is turned ON, open circuit in pressure switch (PH) continues for more than 1 sec.</li> </ol> | <ul style="list-style-type: none"> <li>• Pressure switch (PH or PL)</li> <li>• Pressure switch circuit</li> </ul> |

## WIRING DIAGRAM



## INSPECTION PROCEDURE

## 1 Check pressure switch (PL) resistance.

**PREPARATION:**

- Disconnect the connector (V11) from the hydraulic brake booster.
- With the ignition switch OFF, depress the brake pedal more than 40 times to decrease the accumulator pressure.

**HINT:**

When the pressure in power supply system is released, reaction force becomes heavy and stroke becomes shorter.

**CHECK:**

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

**OK:**

**Resistance: 5.1 - 6.3 kΩ**

**HINT:**

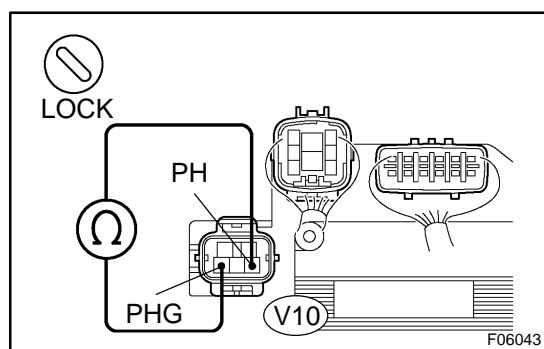
After inspection, connect the connector and clear the DTC (See page [DI-224](#) ).

**NG**

**Replace hydraulic brake booster assembly.**

**OK**

## 2 Check pressure switch (PH) resistance.

**PREPARATION:**

- Disconnect the connector (V10) from the hydraulic brake booster.
- With the ignition switch OFF, depress the brake pedal more than 40 times to decrease the accumulator pressure.

**HINT:**

When the pressure in power supply system is released, reaction force becomes heavy and stroke becomes shorter.

**CHECK:**

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

**OK:**

**Resistance: 0.9 - 1.1 kΩ**

**HINT:**

After inspection, connect the connector and clear the DTC (See page [DI-224](#) ).

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-28](#) ).NG

Repair or replace harness or connector.

OK

Check and replace skid control ECU.