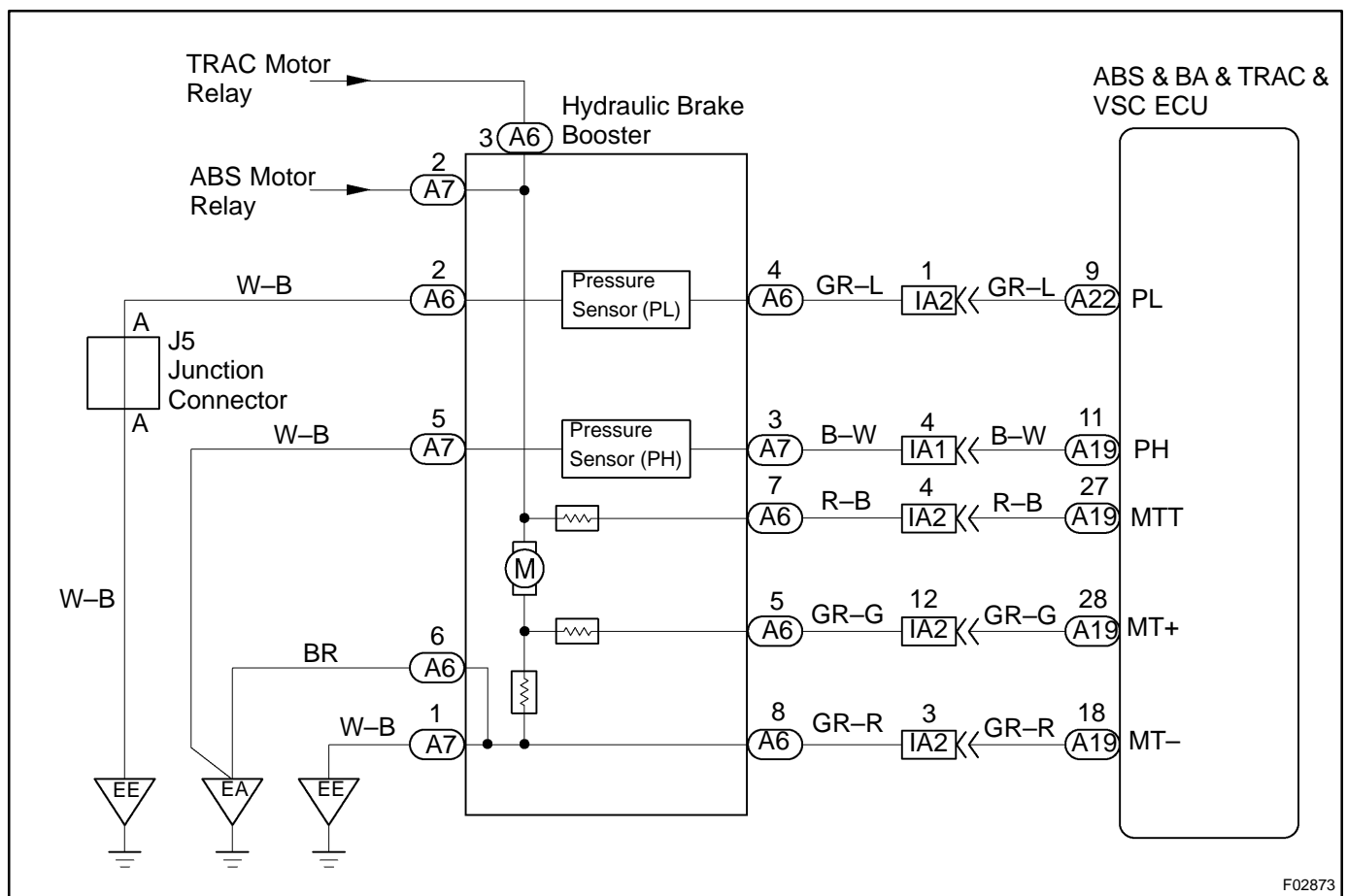


DTC	C1254 / 54	Pressure Switch Circuit
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## CIRCUIT DESCRIPTION

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.	<ul style="list-style-type: none"> <li>Pressure switch (PH or PL)</li> <li>Pressure switch circuit</li> </ul>

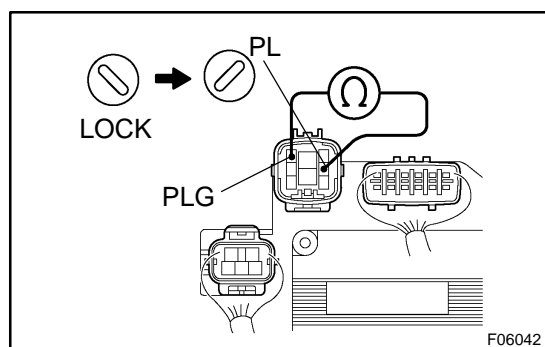
## WIRING DIAGRAM



F02873

## INSPECTION PROCEDURE

### 1 Check pressure switch (PL) resistance.



#### **PREPARATION:**

- Disconnect the connector(8P) from the hydraulic brake booster.
- 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 heavy and stroke becomes shorter.

#### **CHECK:**

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

#### **OK:**

**Resistance: 5.1 – 6.3 kΩ**

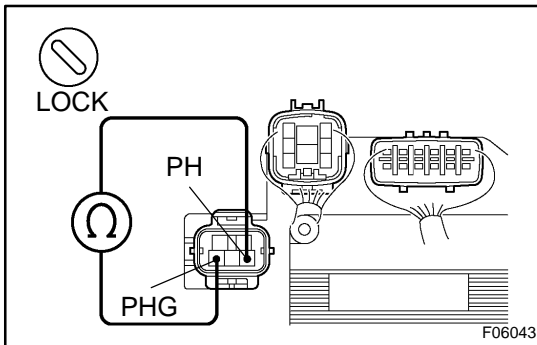
#### **HINT:**

After inspection, connect the connector and clear the DTC (See page [DI-484](#)).

**NG**

**Replace hydraulic brake booster assembly.**

**OK**

**2 Check pressure switch (PH) resistance.****PREPARATION:**

- Disconnect the connector(5P) from the hydraulic brake booster.
- 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 heavy and stroke becomes shorter.

**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-484](#)).

**NG****Replace hydraulic brake booster assembly.****OK****3 Check for open and short circuit in harness and connector between pressure switch and ABS & BA & TRAC & VSC ECU (See page [IN-32](#)).****NG****Repair or replace harness or connector.****OK**

**Check and replace ABS & BA & TRAC & VSC ECU.**