

<b>DTC</b>	<b>C1763 / 63, C1764 / 64</b>	<b>Fluid Pressure Abnormality (Valve Does Not Open)</b>
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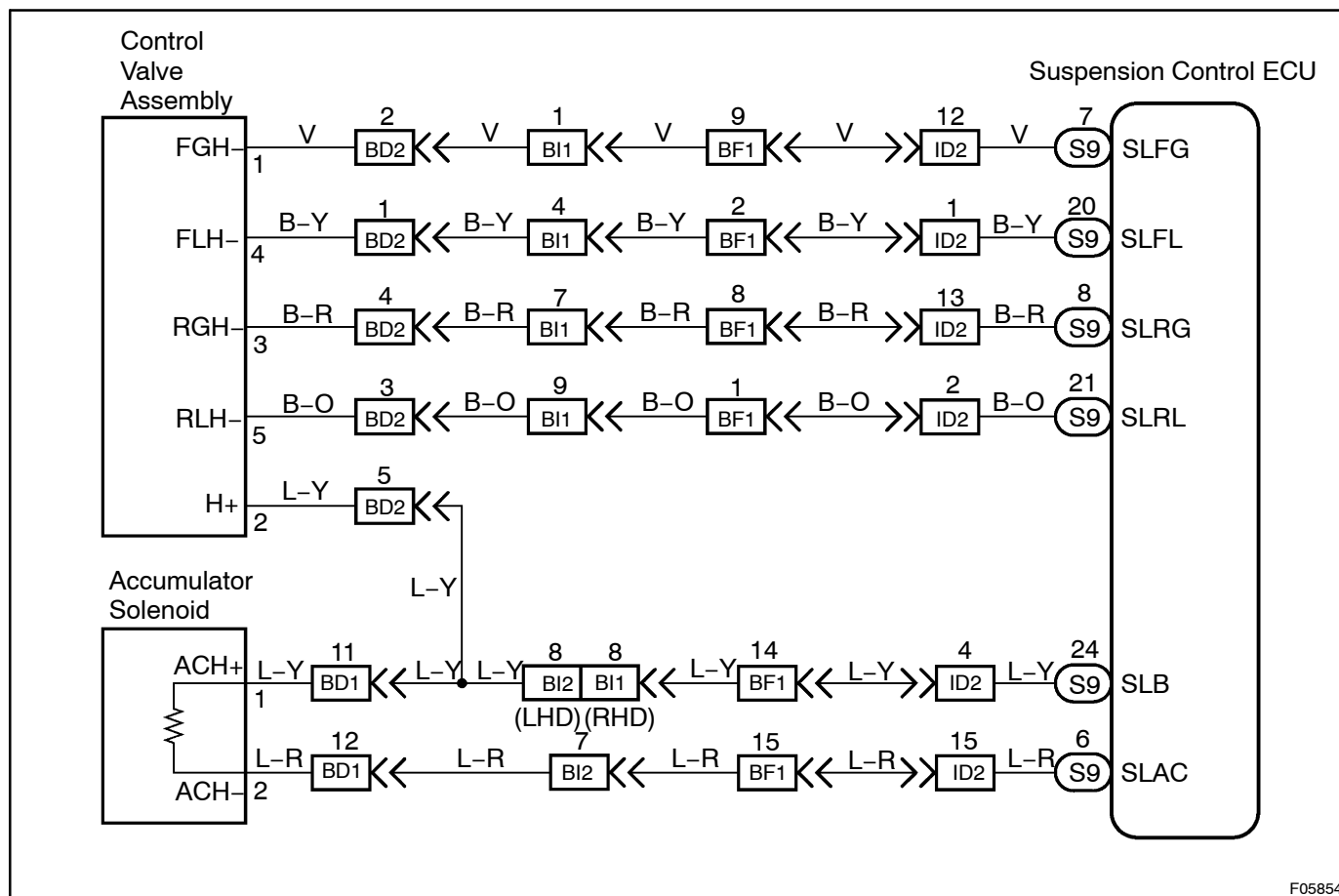
**CIRCUIT DESCRIPTION**

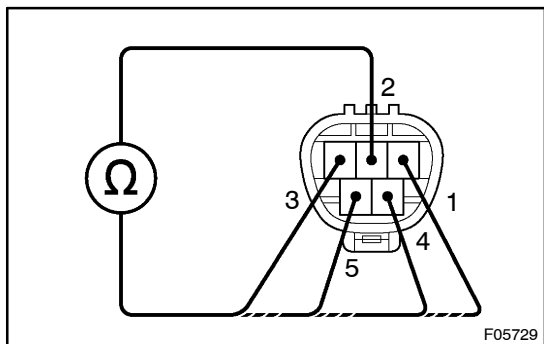
DTC No.	DTC Detecting Condition	Trouble Area
C1763 / 63	When the pump & motor is ON and the pump delivery pressure has exceeded 15.8 MPa (161 kgf/cm <sup>2</sup> , 2,290 psi) continuously for 0.3 sec.	<ul style="list-style-type: none"> <li>• Control valve assembly</li> <li>• Control valve assembly circuit</li> <li>• Fluid pressure sensor</li> <li>• Fluid clog in the fluid line or each solenoid valve</li> </ul>
C1764 / 64		<ul style="list-style-type: none"> <li>• Height control accumulator</li> <li>• Height control accumulator circuit</li> <li>• Fluid pressure sensor</li> <li>• Fluid clog in the fluid line or each solenoid valve</li> </ul>

Fail safe function:

- If the DTC C1763 / 63 detected, the height control is prohibited after the following controls have been performed.
  - ◆ In case that the height of the defect wheel is –10 mm (–0.4 in.) to +10 mm (0.4 in.) against the other wheels, adjust the normal wheels to the standard height.
  - ◆ In case that the height of the defect wheel is more than 10 mm (0.4 in.) higher than the other wheels, adjust the normal wheels 10 mm (0.4 in.) higher.
  - ◆ In case that the height of the defect wheel is less than 10 mm (0.4 in.) lower than the other wheels, adjust the normal wheels 10 mm (0.4 in.) lower.
- If the DTC C1764 / 64 detected, the ECU prohibits the control of accumulating and releasing of the pressure of the height control accumulator.

## WIRING DIAGRAM



**INSPECTION PROCEDURE****1 Check control valve solenoid and accumulator solenoid.****CONTROL VALVE SOLENOID****PREPARATION:**

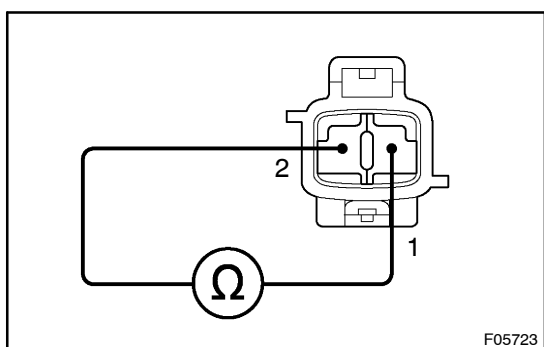
Disconnect the control valve assembly connector.

**CHECK:**

Check continuity between terminals 2 and 1, 3, 4, 5 of the control valve assembly connector.

**OK:**

**Continuity**

**ACCUMULATOR SOLENOID****PREPARATION:**

Disconnect the accumulator solenoid connector from the height control accumulator.

**CHECK:**

Check continuity between terminals 1 and 2 of the accumulator solenoid connector.

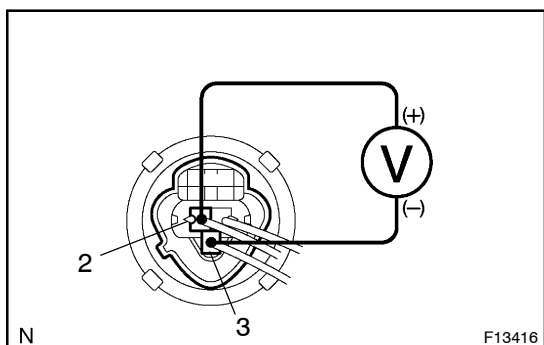
**OK:**

**Continuity**

**NG**

**Replace control valve assembly or accumulator solenoid.**

**OK**

**2 Check fluid pressure sensor.****PREPARATION:**

Start the engine and push the vehicle height select switch to select the "N" mode.

**CHECK:**

Measure voltage between terminals 2 and 3 of the fluid pressure sensor connector.

**OK:**

**Voltage: 1.48 – 1.85**

**NG**

**Replace fluid pressure sensor.**

**OK**

3	Check for open and short circuit in harness and connector between control valve assembly, height control accumulator and suspension control ECU (See page IN-35).
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NG

Repair or replace harness or connector.

OK

Clear the DTC (See Pub. No. RM616E on page DI-208).