

DTC	C1763/63, C 1764/64	Fluid Pressure Abnormality (Valve Does Not Open)
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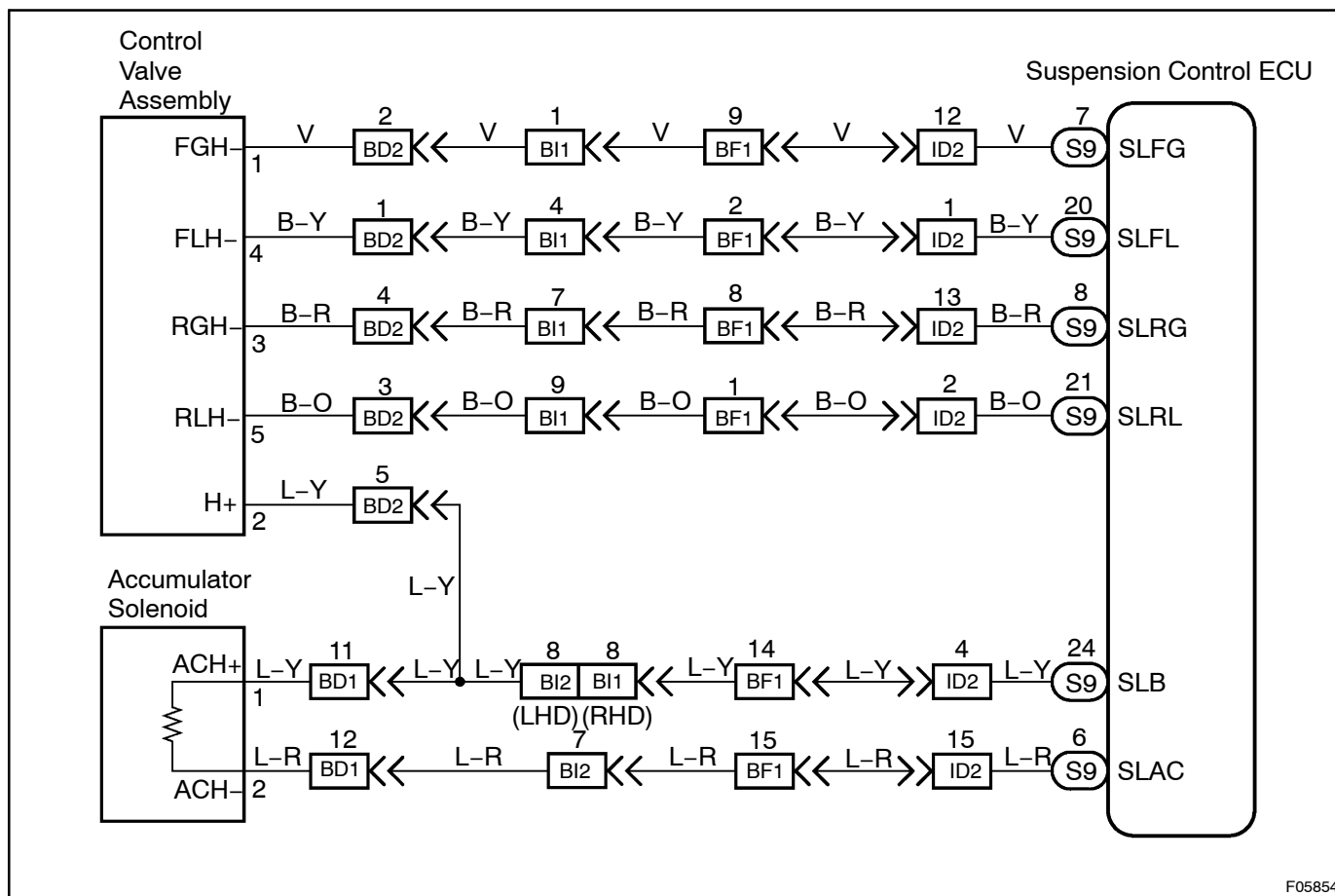
CIRCUIT DESCRIPTION

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 ² , 2,290 psi) continuously for 0.3 sec.	<ul style="list-style-type: none"> • Control valve assembly • Control valve assembly circuit • Fluid pressure sensor <ul style="list-style-type: none"> • Fluid clog in the fluid line or each solenoid valve
C1764/64		<ul style="list-style-type: none"> • Height control accumulator • Height control accumulator circuit • Fluid pressure sensor • Fluid clog in the fluid line or each solenoid valve

Fail safe function:

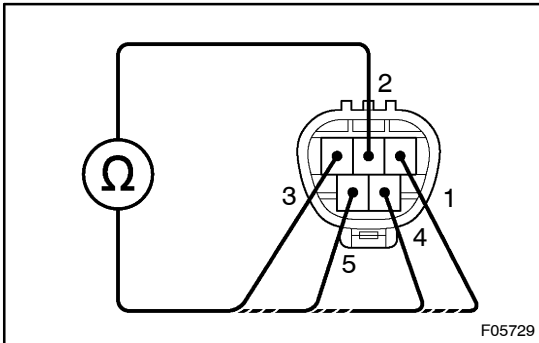
- If the DTC C 1763/63 detected, the height control is prohibited after the following controls have been performed.
 - ◆ In case that the height of the defect wheel is –10 mm (–0.4 in.) to + 10 mm (0.4 in.) against the other wheels, adjust the normal wheels to the standard height.
 - ◆ In case that the 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 C 1764/64 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:

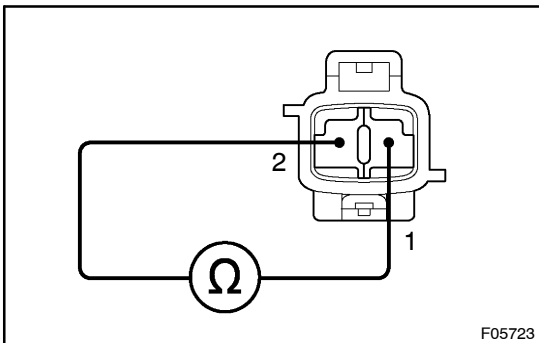
Disconnect the control valve assembly connector.

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:

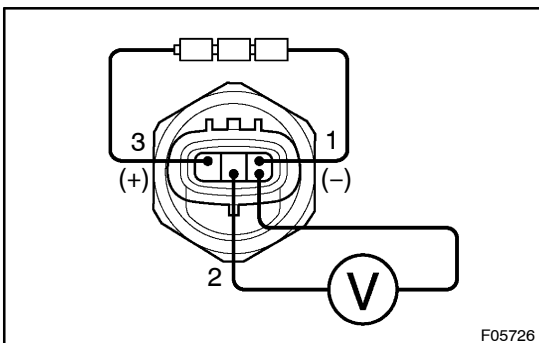
Continuity

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Replace control valve assembly or accumulator solenoid.

OK

2 Check fluid pressure sensor.



PREPARATION:

Disconnect the fluid pressure sensor connector.

CHECK:

- Connect 3 dry batteries of 1.5 V in series.
- Connect terminal 3 to the batteries' positive (+) terminal, and terminal 1 to the batteries' negative (–) terminal, then apply voltage about 4.5 V between terminals 1 and 3.
- Measure voltage between terminals 1 and 2.

OK:

Voltage: Approx. 4.5 V

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Replace fluid pressure sensor.

OK

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| 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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Repair or replace harness or connector.

OK

Clear the DTC (See [page DI-208](#)).