

DTC	C 1762 / 62	Fluid Pressure Abnormality (Pump & Motor Does Not Supply Fluid)
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CIRCUIT DESCRIPTION

DTC No.	DTC Detecting Condition	Trouble Area
C1762/62	<p>Either of the following 1. or 2. is detected:</p> <ol style="list-style-type: none"> While the motor relay is in operation, the condition that the fluid pressure is less than 0.5 MPa (5.1 kg/cm², 73 psi) continued for 0.6 sec. When the pump motor is in delivering condition, the delivery portion does not change and the fluid pressure change is small. 	<ul style="list-style-type: none"> • AHC pump & motor • Fluid pressure sensor • AHC motor relay • Fluid empty

Fail safe function:

If the DTC C1762 / 62 detected, the height control is prohibited after adjusting the vehicle height to the standard height in case that the height is higher than the standard or to the lowest wheel of the 4 wheels in case that the height is lower than the standard.

INSPECTION PROCEDURE

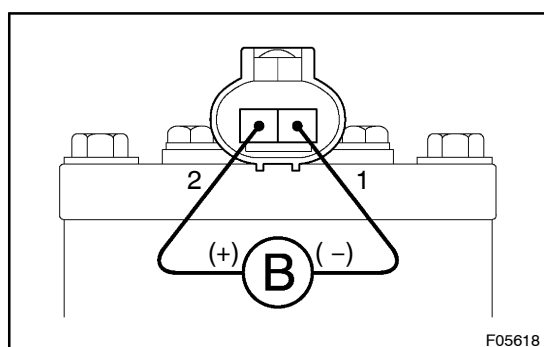
1	Check fluid level of the reservoir tank (See Pub. No. RM6 16E on page SA -303).
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NG

Fill the reservoir tank with suspension fluid AHC.

OK

2	Check operation of AHC pump & motor.
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PREPARATION:

Disconnect the AHC pump & motor connector.

CHECK:

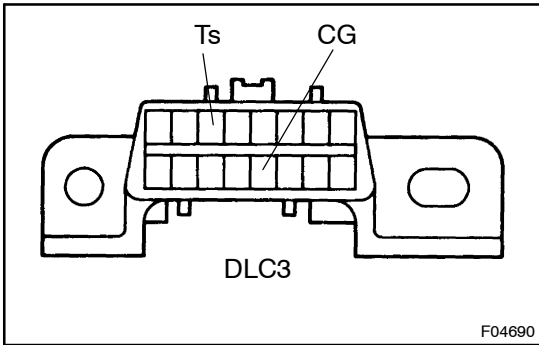
Connect positive ⊕ lead to terminal 2 and negative ⊖ lead to terminal 1 of the AHC pump & motor connector, check that the AHC pump & motor is operated.

NG

Replace AHC pump & motor.

OK

3 Bleed air of AHC & skyhook TEMS hydraulic system.



PREPARATION:

- Using SST, connect the terminal Ts to CG of DLC3.
SST 09843 – 18040
- Push the "DOWN" button of the height select switch 5 times or more within 5 seconds after starting the engine.

HINT:

At this time, the height control OFF indicator light flashes at 0.25 second intervals.

CHECK:

- Change the damping mode select switch to the "COMFORT" position.
- Push and hold the "UP" button of the height select switch for 10 seconds.

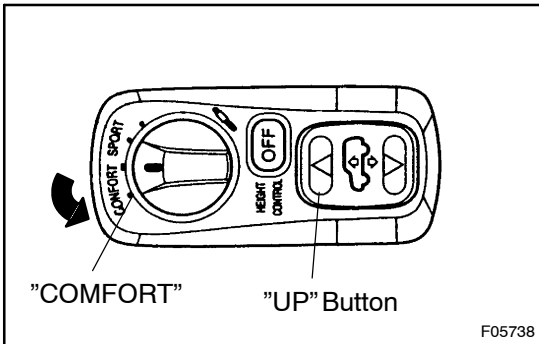
HINT:

At this time, the AHC motor relay comes ON in order to raise the vehicle height of the front wheels and air inside of the AHC & skyhook TEMS hydraulic system start to bleed with the pump motor operating.

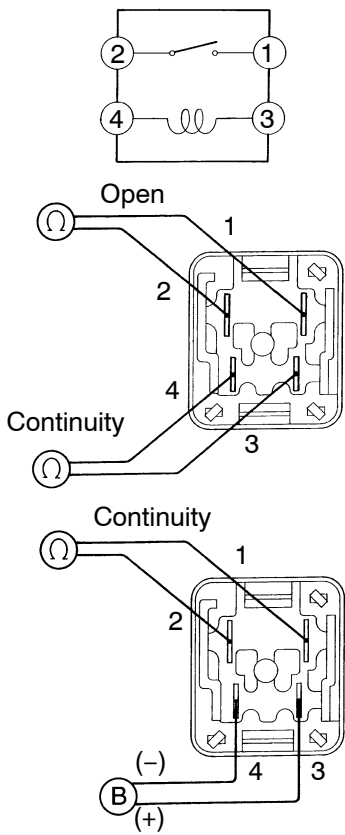
NOTICE:

Do not raise the vehicle height higher than the "HI" position when raising it with the active test.

- Turn the ignition switch OFF, disconnect SST from DLC3.
SST 09843 – 18040



4 Check AHC motor relay.



BE1840
R15257
R15258

F00044

PREPARATION:

Remove the AHC motor relay from Engine Room J/B.

CHECK:

Check continuity between each pair of terminal of motor relay.

OK:

Terminals 3 and 4	Continuity (Reference value 62 Ω)
Terminals 1 and 2	Open

CHECK:

- (a) Apply battery voltage between terminals 3 and 4.
- (b) Check continuity between terminals 1 and 2.

OK:

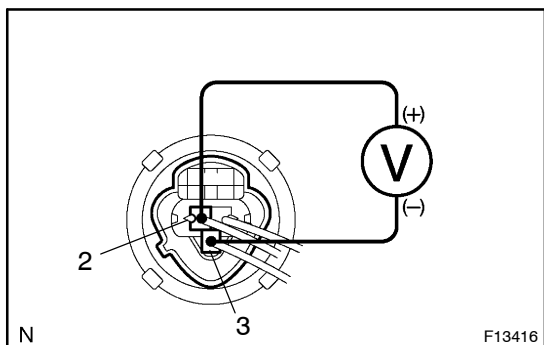
Terminals 1 and 2	Continuity
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NG

Replace AHC motor relay.

OK

5 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

Clear the DTC (See Pub. No. RM6 16E on page DI-208).