

DTC	C1751 51	Continuous Electric Current to Height Control Compressor
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CIRCUIT DESCRIPTION

DTC No.	DTC Detecting Condition	Trouble Area
C1751 51*1	With the height control relay activated, the vehicle does not go down to the standard vehicle height after the 8 minutes have elapsed.	<ul style="list-style-type: none"> • Height control compressor • Height control compressor circuit • Height control sensor link • Height control sensor • Relief valve • Height control relay comes off • Air leakage from the air tube for each valve • Clogging in the air tube for each valve • Suspension control ECU

*1 Since the relief pressure of the compressed air is 980 kPa (10 kgf/cm² 142 psi), if vehicle height control is attempted on a steeply sloping road, when the vehicle is overloaded, or when the vehicle is jacked up with the engine running, the compressor motor operates continuously to raise vehicle height, and causes electric current to flow to the height control relay for 8 minutes or longer.

Thus DTC C1751 51 may be output and vehicle height control may be suspended (This is not abnormal.). In this case, however, the vehicle height operation is resumed approx. 10 min. after the ignition switch is turned ON after the ECU detects the first error. When the ECU detects the following errors it takes 70 minutes until the control is resumed.

INSPECTION PROCEDURE

1	Inspect the height control compressor circuit (See page DI-298).
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Go to troubleshooting shown on page DI-298.

OK

2	Inspect for air leakage (See page SA-121).
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Repair air leakage.

OK

3 Check whether height control solenoid valve is stuck closed, and exhaust valve is stuck open (check operation sound) (See page DI-284).

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Repair or replace height control solenoid valve, exhaust valve.

OK

4 Does malfunction disappear by adjusting height control sensor link (See page SA-123)?

YES

Adjust height control sensor link.

NO

Check and repair, or replace parts of the malfunction causes.

- (a) Air tube clogged
- (b) Compressor faulty
- (c) Relief valve faulty
- (d) Height control sensor malfunction
- (e) Foreign material entrance in the height control solenoid valve and exhaust solenoid valve
- (f) ECU malfunction