

DTC	C1788 / 88	Height Control Switch Circuit
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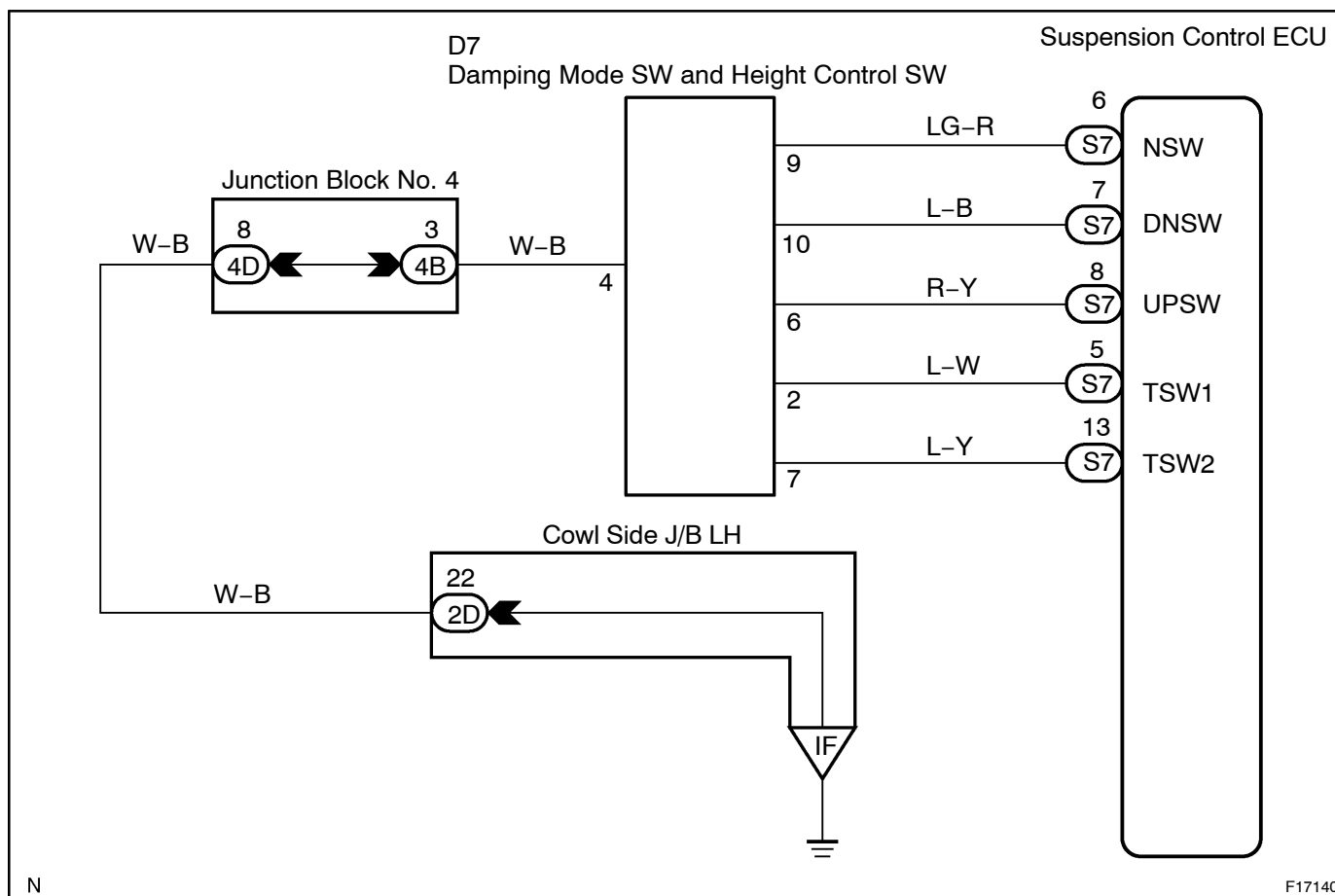
CIRCUIT DESCRIPTION

This is the height control system main switch. When the height control switch is pushed, the height control OFF indicator light lights up and height control goes off.

The "OFF" condition of the height control will not be cancelled until the height control switch is pushed again or the vehicle is driven.

DTC No.	DTC Detecting Condition	Trouble Area
C1788 / 88	Height control switch signal does not input	• Height control switch • Height control switch circuit • ECU

WIRING DIAGRAM



N

F17140

INSPECTION PROCEDURE

1	Check output signal of height control switch.
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IN CASE OF USING LEXUS HAND-HELD TESTER:

PREPARATION:

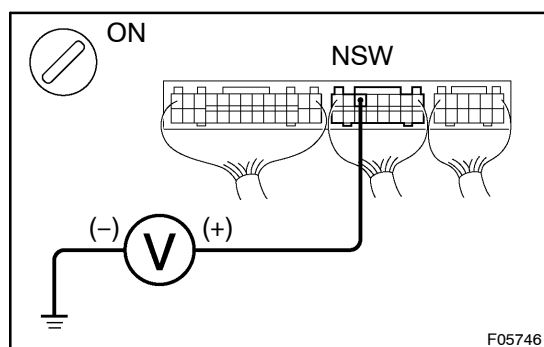
- Connect the LEXUS hand-held tester to the DLC3.
- Turn the ignition switch ON and push the LEXUS hand-held tester main switch ON.
- Select the DATA LIST mode on the LEXUS hand-held tester.

CHECK:

Check the height control switch condition displayed on the LEXUS hand-held tester when pushing the height control switch.

OK:

When height control switch is pushed: "ON" is displayed for height control switch condition.



IN CASE OF NOT USING LEXUS HAND-HELD TESTER:

PREPARATION:

Remove the suspension control ECU with connectors still connected.

CHECK:

- Turn the ignition switch ON.
- Measure voltage between terminal NSW of suspension control ECU connector and body ground when height control switch is pushed and released.

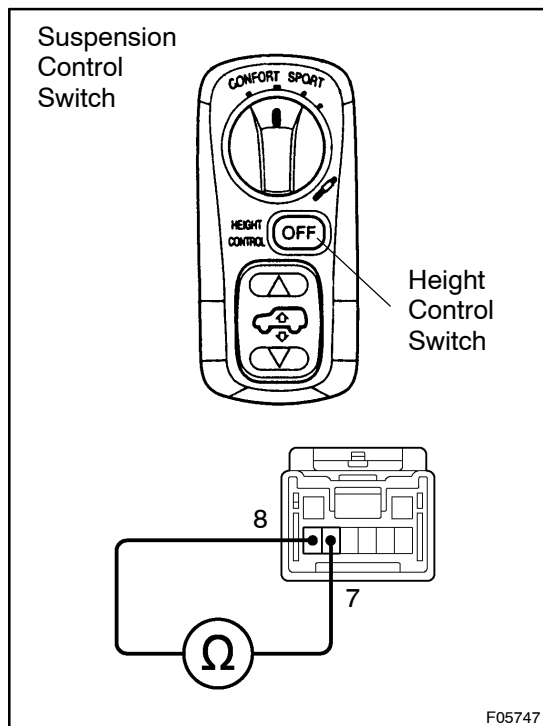
OK:

Switch condition	Voltage
Pushed	9 – 14 V
Released	Below 1.5 V

OK

No problem.

NG

2 Check height control switch.**PREPARATION:**

- (a) Remove the suspension control switch.
- (b) Disconnect the suspension control switch (for height control switch) connector.

CHECK:

Measure resistance between terminals 7 and 8 of suspension control switch (for height control switch) connector when the height control switch is pushed and released.

OK:

Switch condition	Resistance
Pushed	0 Ω (Continuity)
Released	∞ Ω (Open)

NG**Replace suspension control switch.****OK****3 Check for open and short circuit in harness and connector between height control switch and suspension control ECU (See page [IN-36](#)).****NG****Repair or replace harness or connector.****OK****Check and replace suspension control ECU.**