

DTC	C1788 / 88	Height Control Switch Circuit
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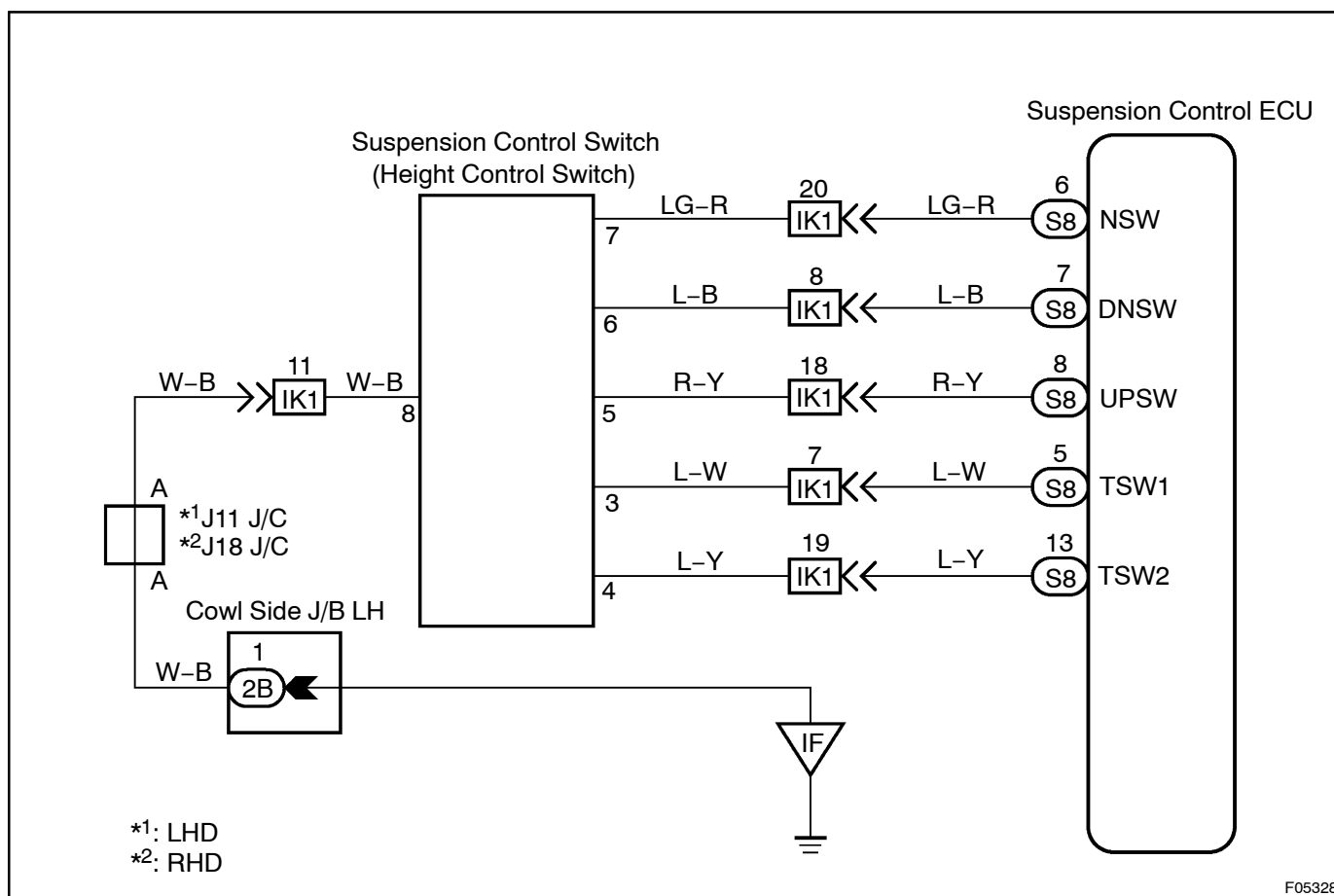
CIRCUIT DESCRIPTION

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 • Suspension control ECU

WIRING DIAGRAM



INSPECTION PROCEDURE

1 Check output signal of height control switch.

IN CASE OF USING HAND-HELD TESTER:

PREPARATION:

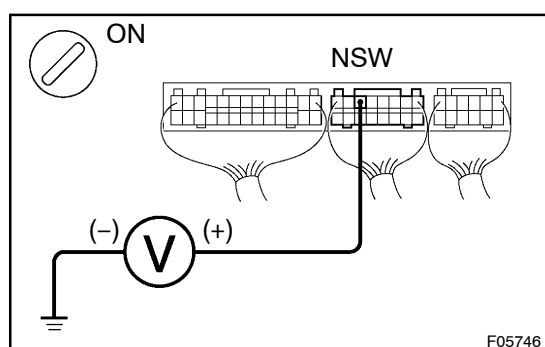
- (a) Connect the hand-held tester to the DLC3.
- (b) Turn the ignition switch ON and push the hand-held tester main switch ON.
- (c) Select the DATALIST mode on the hand-held tester.

CHECK:

Check the height control switch condition displayed on the 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 HAND-HELD TESTER:

PREPARATION:

Remove the suspension control ECU with connectors still connected.

CHECK:

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

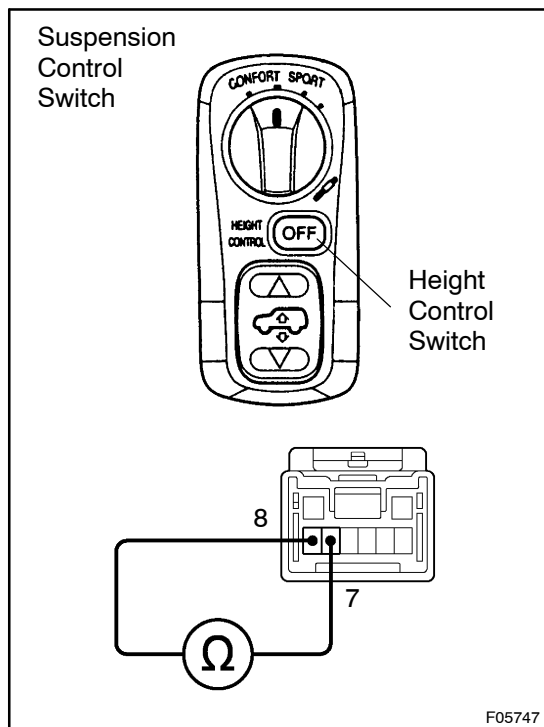
OK:

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:

Terminal	Switch condition	Resistance
7 – 8	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-35).****NG****Repair or replace harness or connector.****OK****Check and replace suspension control ECU.**