DI5XW–01

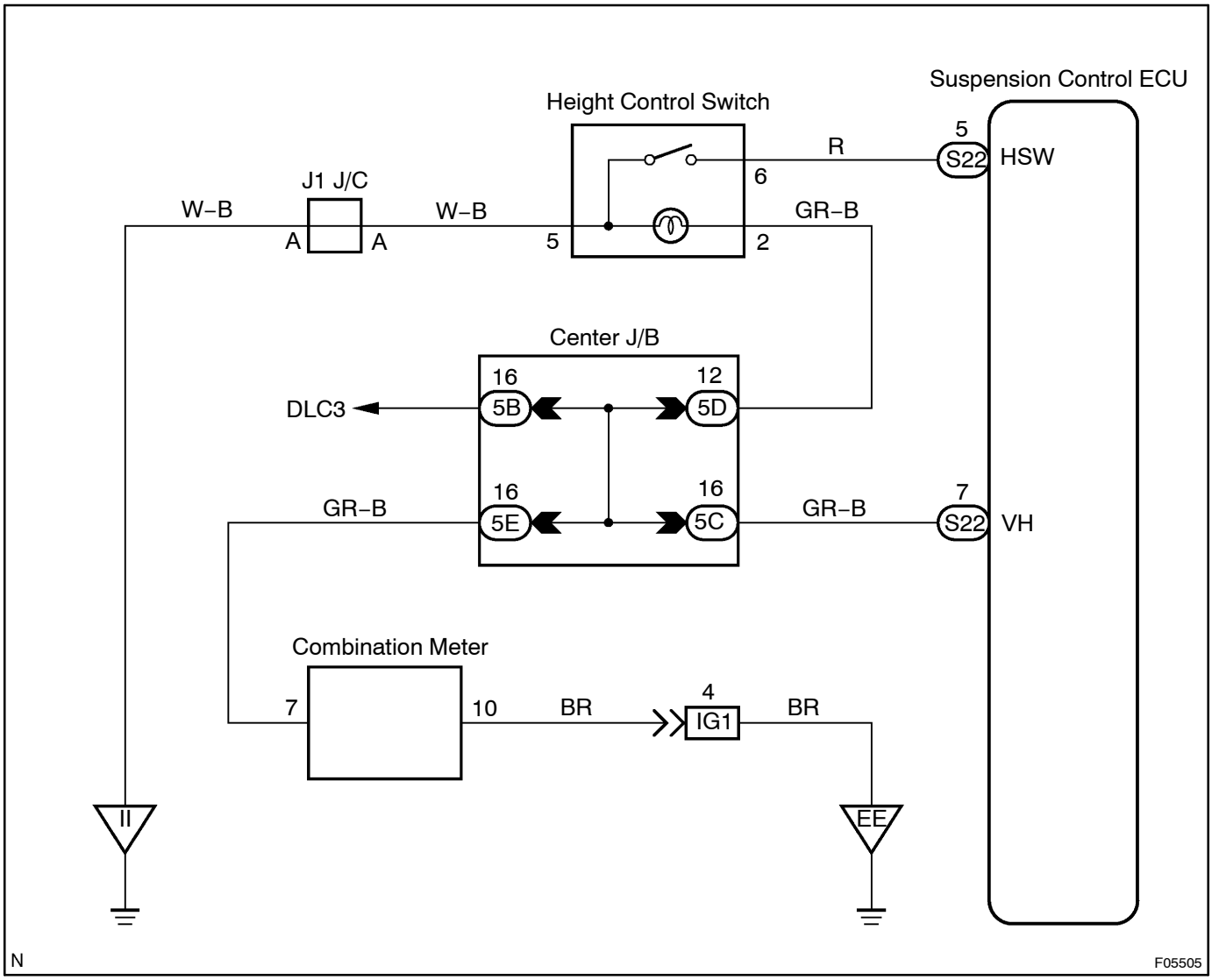
DTC	86	Height Control Switch Circuit

CIRCUIT DESCRIPTION

The height control switch comes on when it is pressed to the ”HIGH” side and goes off when pressed to the ”NORM” side. The ECU detects the height control switch condition, and raises or lowers the vehicle height accordingly.

DTC No.	DTC Detecting Condition	Trouble Area
86	Height control switch signal does not change	• Height control switch • Height control switch circuit • Suspension control ECU

WIRING DIAGRAM



INSPECTION PROCEDURE

1	**Check height indicator light.**

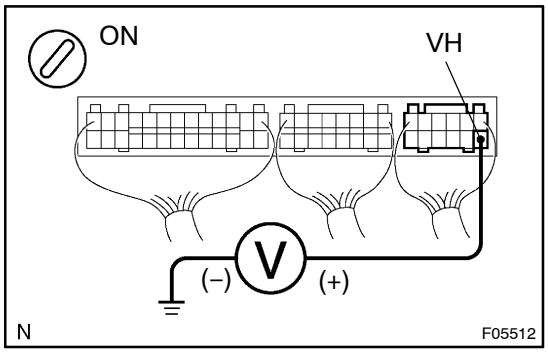
CHECK:

Turn the ignition switch ON and check that height indicator light goes on for 2 seconds.

OK	**Go to step 5.**

NG

2	**Check voltage between terminal VH of suspension control ECU connector and body ground.**



PREPARATION:

(a) LHD:
Remove the RH scuff plate, instrument panel under cover No. 2, glove compartment and CD changer (See page BO–96).

(b) RHD:
Remove the RH scuff plate, instrument panel under cover No. 1, instrument panel lower pad and heater to register duct No. 2 (See page BO–96).

CHECK:

(a) Turn the ignition switch ON.

(b) Measure the voltage between terminal VH of suspension control ECU connector and body ground.

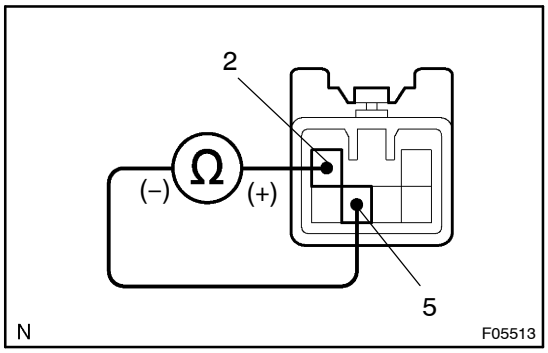
OK:

Voltage: 10 – 14 V

OK	**Go to step 5.**

NG

3	Check height control switch.



PREPARATION:

(a) Remove the height control switch.

(b) Disconnect the height control switch connector.

CHECK:

Measure the continuity between terminal 2 and 5 of height control switch connector.

OK:

Continuity

NG → **Replace height control switch.**

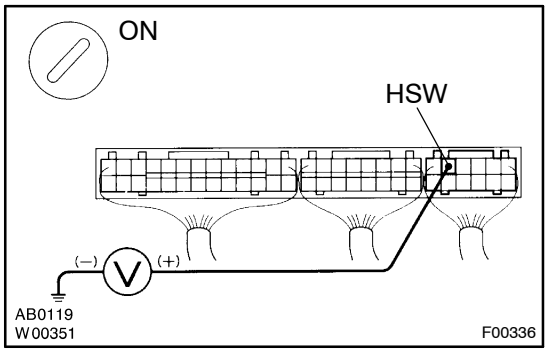
OK

4	Check for open and short circuit in harness and connector between suspension control ECU and combination meter, switch and DLC3 (See page IN–30).

OK → **Go to step 5.**

NG

5	**Check voltage between terminal HSW of suspension control ECU connector and body ground.**



PREPARATION:

(a) LHD:
Remove the RH scuff plate, instrument panel under cover No. 2, glove compartment and CD changer (See page BO–96).

(b) RHD:
Remove the RH scuff plate, instrument panel under cover No. 1, instrument panel lower pad and heater to register duct No. 2 (See page BO–96).

CHECK:

(a) Turn the ignition switch ON.

(b) Measure the voltage between terminal HSW of suspension control ECU connector and body ground, when the height control switch is pressed to "NORM" side and "HIGH" side.

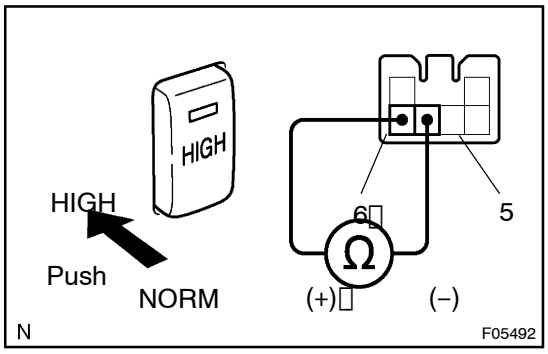
OK:

Switch position	Voltage
NORM	12 V
HIGH	0 – 1.2 V

OK → **Proceed to next circuit inspection shown on problem symptoms table (See page DI–79).**

NG

6	Check height control switch.



PREPARATION:

(a) Remove the height control switch.

(b) Disconnect the height control switch connector.

CHECK:

Measure the resistance between terminal 5 and 6 of height control switch connector, when the height control switch is in each position.

OK:

Switch position	Resistance
NORM	∞ Ω (Open)
HIGH	0 Ω (Continuity)

NG → Replace height control switch.

OK

7	Check for open and short circuit in harness and connector between suspension control ECU and switch, switch and body ground (See page IN–30).

NG → Repair or replace harness or connector.

OK

Check and replace suspension control ECU.