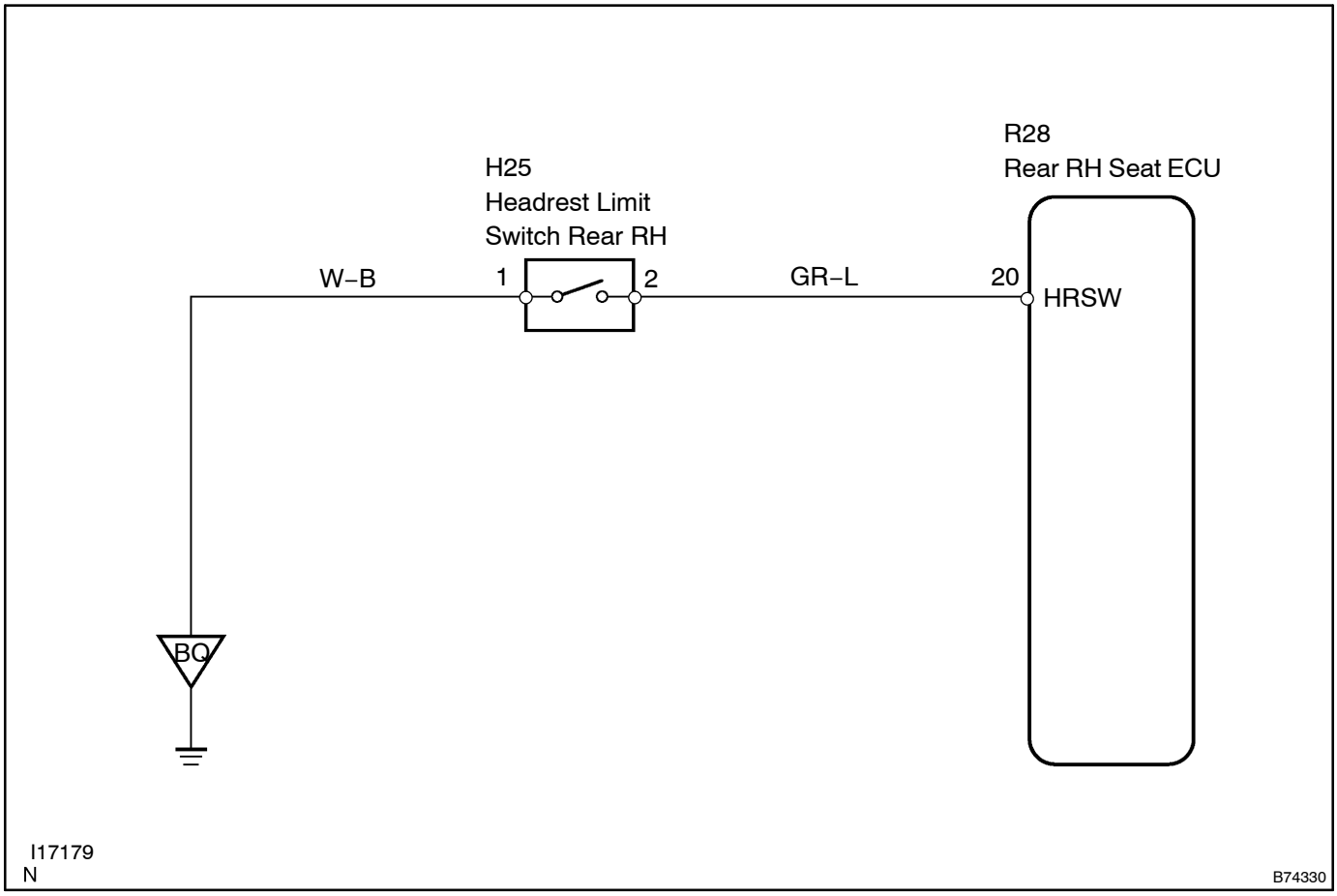
HEADREST LIMIT SWITCH CIRCUIT (RH)

CIRCUIT DESCRIPTION

The rear RH seat ECU detects the state of the headrest limit switch.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	READ VALUE OF INTELLIGENT TESTER II

(a) Connect the intelligent tester II to the DLC3.
(b) Turn the ignition switch ON and push the intelligent tester II main switch ON.
(c) Select the item below in the DATA LIST and read the displays on the intelligent tester II.
Rear RH seat ECU:

Item	Measurement Item/ Display (Range)	Normal Condition
Hdrst Limit SW	Rear headrest limit switch signal/ ON or OFF	ON: Rear headrest limit switch is ON OFF: Rear headrest limit switch is OFF

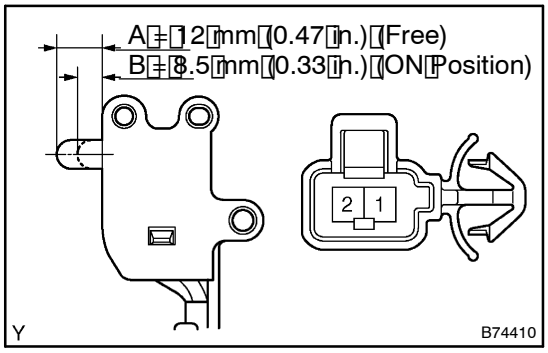
OK:
On the tester screen, each item should change between ON and OFF according to the above chart.

NG → **Go to step 2**

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE (See page 05–2340)

2	INSPECT HEADREST LIMIT SWITCH REAR RH



(a) Remove the headrest limit switch.
(b) Measure the resistance of the headrest limit switch.
Standard:

Tester Connection	Switch Condition	Specified Condition
1 – 2	Not pushed (A)	10 kΩ or higher
1 – 2	Pushed (B)	Below 1 Ω

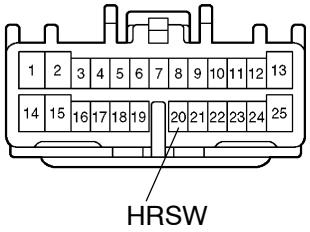
NG → **REPLACE HEADREST LIMIT SWITCH REAR RH**

OK

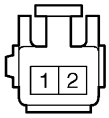
3	CHECK WIRE HARNESS (REAR RH SEAT ECU – HEADREST LIMIT SWITCH REAR RH AND BODY GROUND)

Wire Harness Side

R28
Rear RH Seat ECU



H25
Headrest Limit
Switch Rear RH



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(a) Disconnect the R28 ECU and H25 switch connectors.
(b) Measure the resistance of the wire harness side connectors.

Standard:

Tester Connection	Specified Condition
R28–20 (HRSW) – H25–2	Below 1 Ω
H25–1 – Body ground	Below 1 Ω

NG → **REPAIR OR REPLACE HARNESS AND CONNECTOR**

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE (See page 05–2340)