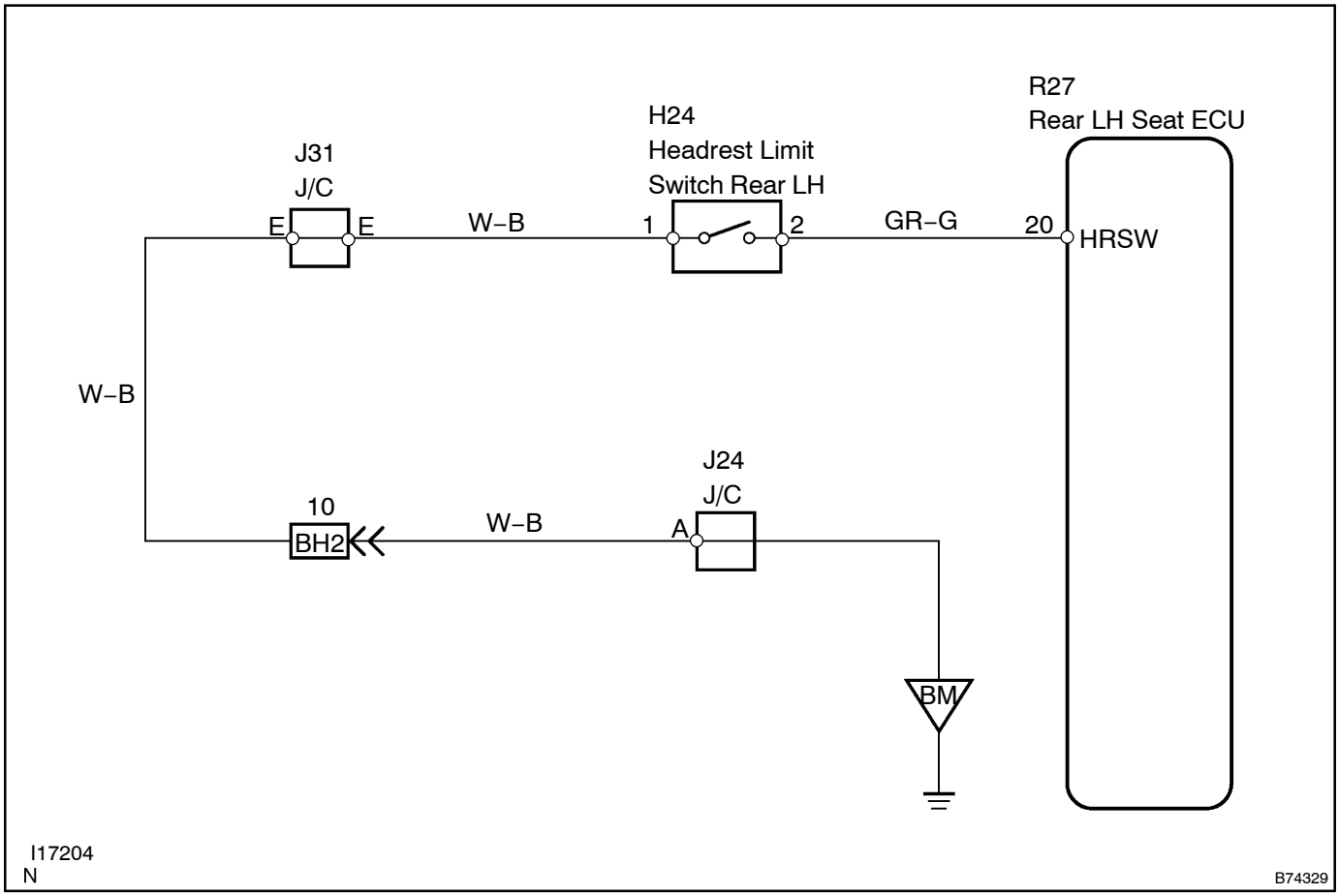
# HEADREST LIMIT SWITCH CIRCUIT (LH)

## CIRCUIT DESCRIPTION

The rear LH 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 LH 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<br>OFF: Rear headrest limit switch is OFF |

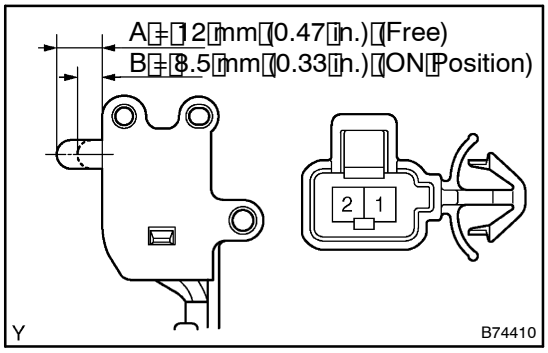
**OK:**
**On the tester screen, each item should change between ON and OFF according to the above chart.**

| OK | 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 LH |
|---|---|




(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 |

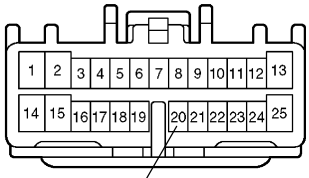
| NG | REPLACE HEADREST LIMIT SWITCH REAR LH |
|---|---|

OK

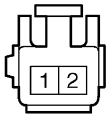
| 3 | CHECK WIRE HARNESS (REAR LH SEAT ECU – HEADREST LIMIT SWITCH REAR LH AND BODY GROUND) |
|---|---|

**Wire Harness Side**

R27
Rear LH Seat ECU




H24
Headrest Limit
Switch Rear LH

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(a) Disconnect the R27 ECU and H24 switch connectors.
(b) Measure the resistance of the wire harness side connectors.

**Standard:**

| Tester Connection | Specified Condition |
|---|---|
| R27–20 (HRSW) – H24–2 | Below 1 Ω |
| H24–1 – 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)