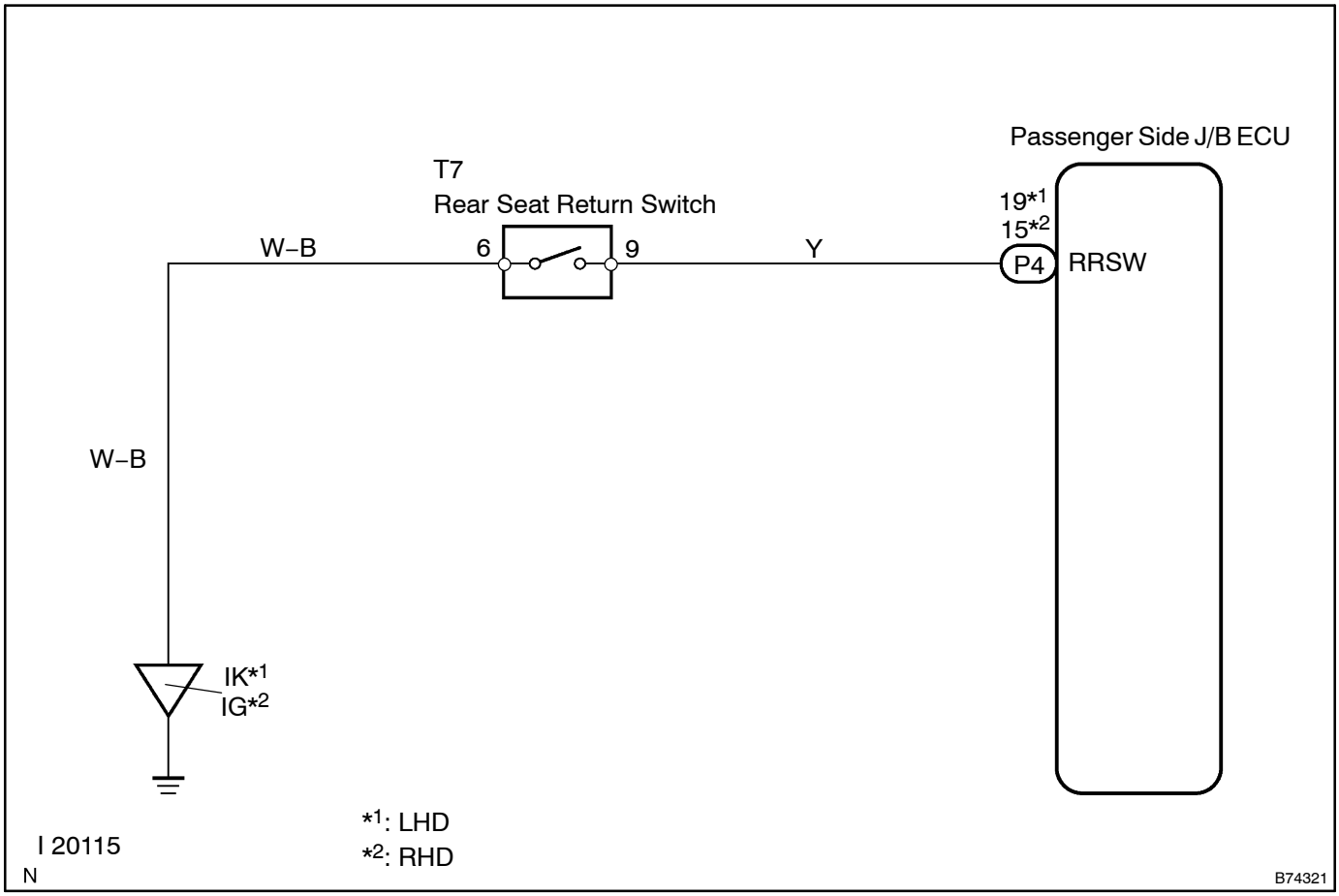
REAR SEAT RETURN SWITCH CIRCUIT

CIRCUIT DESCRIPTION

Passenger side J/B ECU detects the state of the rear seat return 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.
Passenger side J/B ECU:

Item	Measurement Item/ Display (Range)	Normal Condition
R seat Rtn SW	Rear seat return switch signal/ ON or OFF	ON: Rear return switch is ON OFF: Rear return switch is OFF

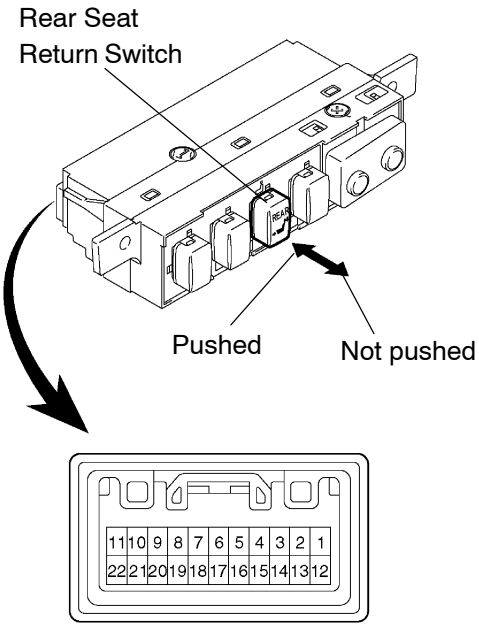
OK:
On the tester screen, each item should change between ON and OFF according to the above chart.

NG → **Go to step 2**

OK

Go to step 4

2	INSPECT REAR SEAT RETURN SWITCH



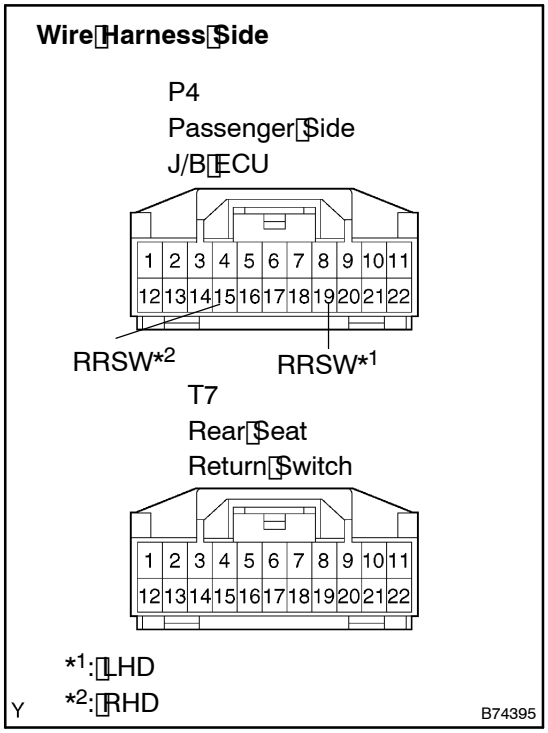
(a) Remove the rear seat return switch.
(b) Measure the resistance of the rear seat return switch.
Standard:

Tester Connection	Switch Condition	Specified Condition
6 – 9	Not pushed	10 kΩ or higher
6 – 9	Pushed	Below 1 Ω

NG → **REPLACE SWITCH**

OK

3	CHECK WIRE HARNESS (PASSENGER SIDE J/B ECU – REAR SEAT RETURN SWITCH AND BODY GROUND)



(a) Disconnect the P4 ECU and T7 switch connectors.
(b) Measure the resistance of the wire harness side connectors.

Standard:

LHD models

Tester Connection	Specified Condition
P4–19 (RRSW) – T7–9	Below 1 Ω
T7–6 – Body ground	Below 1 Ω

RHD models

Tester Connection	Specified Condition
P4–15 (RRSW) – T7–9	Below 1 Ω
T7–6 – Body ground	Below 1 Ω

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

OK

REPLACE PASSENGER SIDE J/B ECU

4	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
R Seat Rtn SW	Rear seat return switch signal/ ON or OFF	ON: Rear seat return switch is ON OFF: Rear seat return switch is OFF

Rear RH Seat ECU:

Item	Measurement Item/Display (Range)	Normal Condition
R Seat Rtn SW	Rear seat return switch signal/ ON or OFF	ON: Rear seat return switch is ON OFF: Rear seat return switch is OFF

OK:

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

NG → **REPLACE REAR SEAT ECU**

OK

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