REAR SEAT MEMORY SWITCH (LH) (W/ MEMORY)
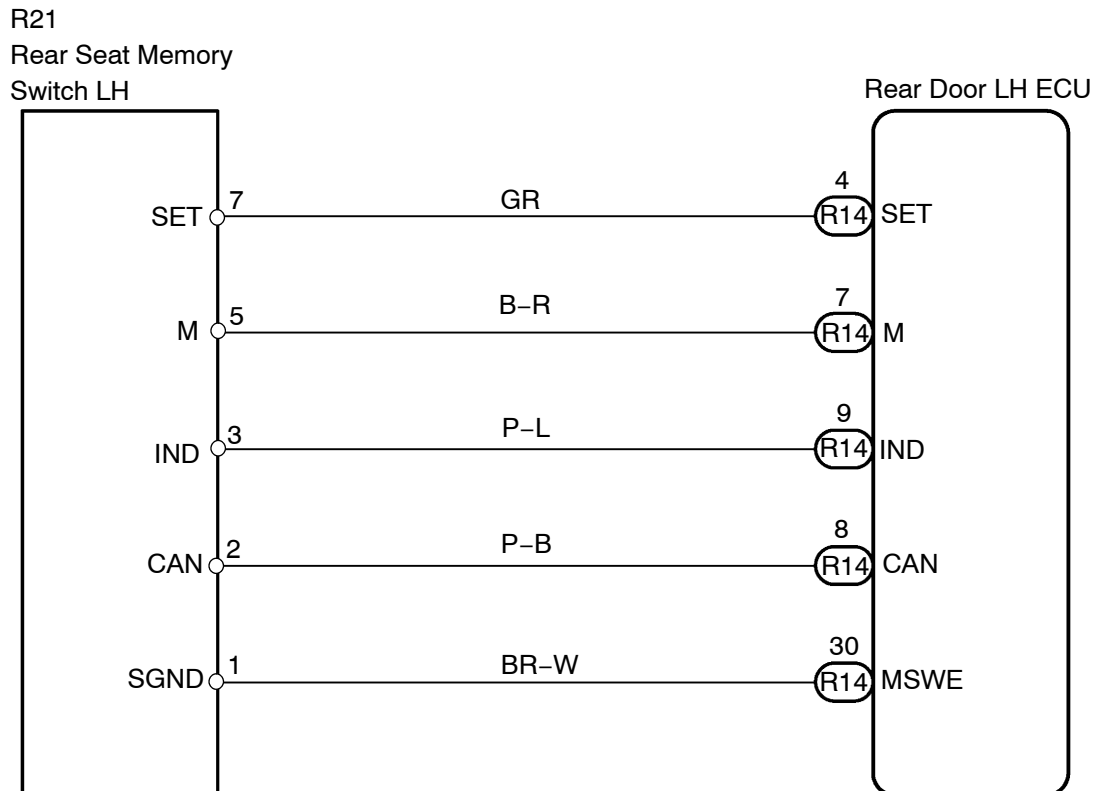
CIRCUIT DESCRIPTION

Each terminal receives the following switch signals:

M: Memory switch signal.

SET: Reproduction of memorized position switch signal.

CAN: Cancel switch signal.

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 door LH ECU:

Item	Measurement Item/ Display (Range)	Normal Condition
R Seat Can SW	Rear seat memory switch C signal/ ON or OFF	ON: Rear seat memory switch C is ON OFF: Rear seat memory switch C is OFF
R Seat Set SW	Rear seat memory switch SET signal/ ON or OFF	ON: Rear seat memory switch SET is ON OFF: Rear seat memory switch SET is OFF
R Seat Men SW	Rear seat memory switch C signal/ ON or OFF	ON: Rear seat memory switch M is ON OFF: Rear seat memory switch M is OFF

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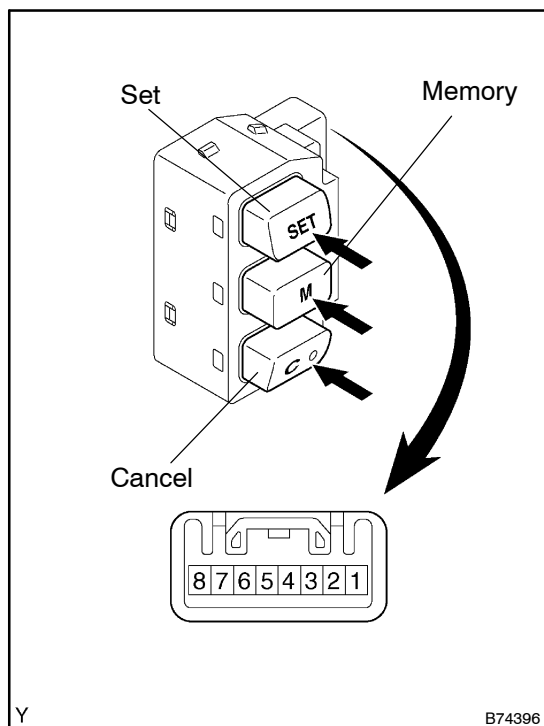**On the tester screen, each item should change between ON and OFF according to the above chart.**

NG >	Go to step 2

OK

Go to step 4

2	INSPECT REAR SEAT MEMORY SWITCH LH

Set
Memory
SET
M
C
Cancel

8 7 6 5 4 3 2 1

Y   B74396

(a) Remove the rear seat memory switch LH.

(b) Measure the resistance of the rear seat memory switch LH.
Standard:

Tester Connection	Switch Condition	Specified Condition
1 – 7	SET switch free	10 kΩ or higher
1 – 7	SET switch pushed	Below 1 Ω
1 – 5	M switch free	10 kΩ or higher
1 – 5	M switch pushed	Below 1 Ω
1 – 2	C switch free	10 kΩ or higher
1 – 2	C switch pushed	Below 1 Ω

NG >	REPLACE REAR SEAT MEMORY SWITCH LH

OK

3	CHECK WIRE HARNESS (REAR SEAT MEMORY SWITCH LH – REAR DOOR LH ECU)

Wire Harness Side

R21
Rear Seat Memory
Switch LH

SGND

CAN   IND   M

SET

R14
Rear Door LH
ECU

SET

M

CAN

IND

MSWE

1   10

Y   B74397
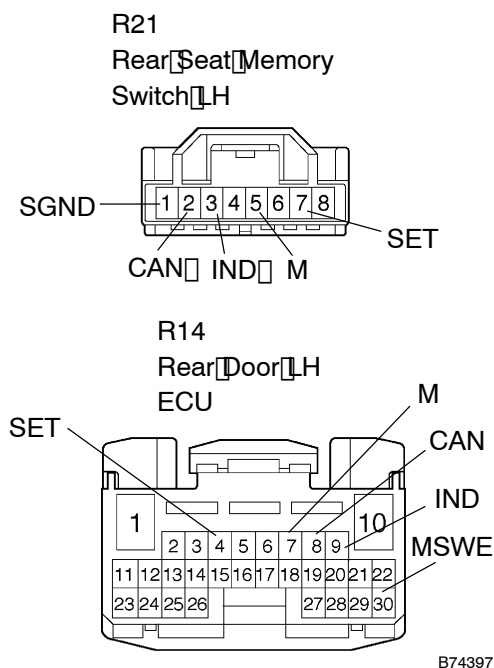
(a)   Disconnect the R21 switch and R14 ECU connectors.

(b)   Measure the resistance of the wire harness side connectors.

Standard:

Tester Connection	Specified Condition
R21–7 (SET) – R14–4 (SET)	Below 1 Ω
R21–5 (M) – R14–7 (M)	Below 1 Ω
R21–3 (IND) – R14–9 (IND)	Below 1 Ω
R21–2 (CAN) – R14–8 (CAN)	Below 1 Ω
R21–1 (SGND) – R14–30 (MSWE)	Below 1 Ω

NG	REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

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
C SW	Rear seat memory switch C signal/ ON or OFF	ON: Rear seat memory switch C is ON OFF: Rear seat memory switch C is OFF
SET SW	Rear seat memory switch C signal/ ON or OFF	ON: Rear seat memory switch SET is ON OFF: Rear seat memory switch SET is OFF
M SW	Rear seat memory switch C signal/ ON or OFF	ON: Rear seat memory switch M is ON OFF: Rear seat memory switch M is OFF

OK:

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

NG	REPLACE REAR LH SEAT ECU

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE ()