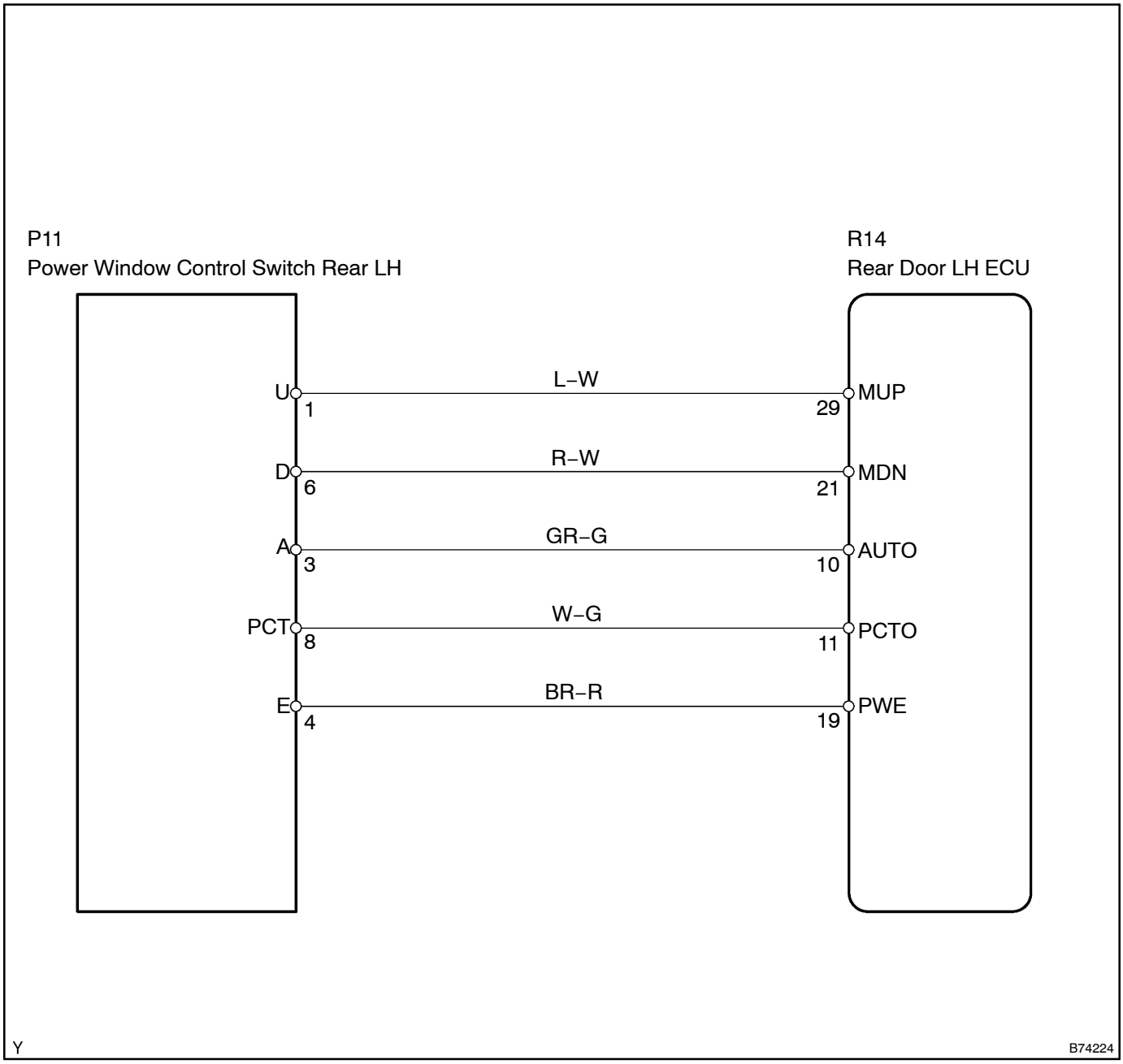
POWER WINDOW REGULATOR SWITCH CIRCUIT (REAR LH DOOR)

CIRCUIT DESCRIPTION

This circuit transmits signals from the power window regulator switch assy on the rear door LH to the rear door LH ECU.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	CHECK FOR DTCS

(a) Operate the power window regulator switch on rear door LH. Check if any DTC is output.
RESULT:

Result	Proceed to
DTC is output	A
No DTC is output	B

A → **PROCEED TO DTC CHART (See page 05–1998)**

B

2	READ VALUE OF INTELLIGENT TESTER II

(a) Connect the intelligent tester II to the DLC3.
(b) Turn the ignition switch ON and press the intelligent tester II main switch ON.
(c) Select the items 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	Diagnostic Note
Power window regulator switch	Not operated → Operated	ON: Operated OFF: Not operated	–

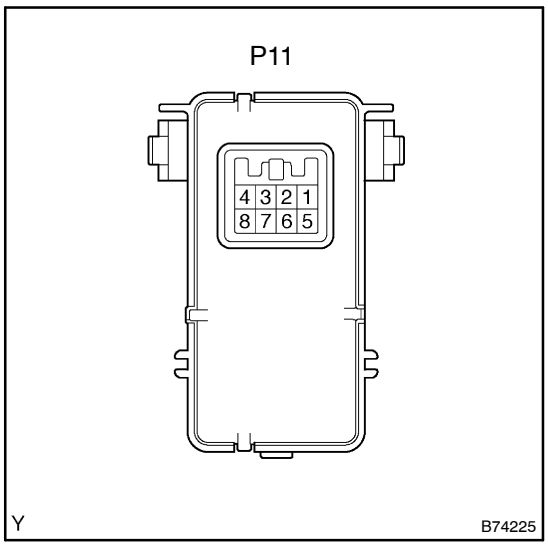
OK: "ON" (switch is operated) appears on the screen.

NG → **Go to step 3**

OK

PROCEED TO NEXT CIRCUIT INSPECTION

3	INSPECT POWER WINDOW REGULATOR SWITCH ASSY



(a) Remove the regulator switch.
(b) Disconnect the P11 switch connector.
(c) Measure the resistance between the terminals of the wire harness side connector.
Standard:
Regulator switch

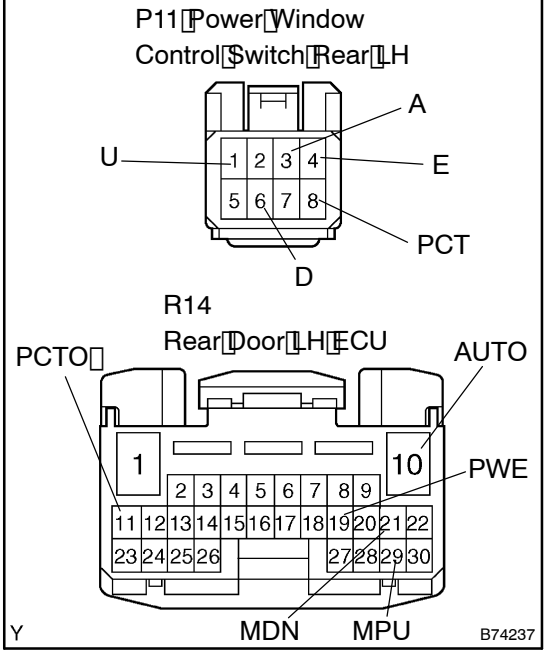
Switch Condition	Tester Connection	Specified Condition
AUTO UP	3 – 8 1 – 8	Below 1 Ω
UP	1 – 8	Below 1 Ω
OFF	–	–
DOWN	6 – 8	Below 1 Ω
AUTO DOWN	3 – 8 6 – 8	Below 1 Ω

NG → **REPLACE POWER WINDOW REGULATOR SWITCH ASSY REAR LH**

OK

4	CHECK WIRE HARNESS (POWER WINDOW REGULATOR SWITCH ASSY REAR LH – REAR DOOR LH ECU)

Wire Harness Side



(a) Disconnect the P11 switch connector.

(b) Disconnect the R14 ECU connector.

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

Standard:

Tester Connection	Specified Condition
P11–8 (PCT) – R14–11 (PCTO)	Below 1 Ω
P11–4 (E) – R14–19 (PWE)	Below 1 Ω
P11–3 (A) – R14–10 (AUTO)	Below 1 Ω
P11–1 (U) – R14–29 (MUP)	Below 1 Ω
P11–6 (D) – R14–21 (MDN)	Below 1 Ω
P11–8 (PCT) – Body ground	10 kΩ or higher
P11–4 (E) – Body ground	10 kΩ or higher
P11–3 (A) – Body ground	10 kΩ or higher
P11–1 (U) – Body ground	10 kΩ or higher
P11–6 (D) – Body ground	10 kΩ or higher

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

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE
(See page 05–1985)