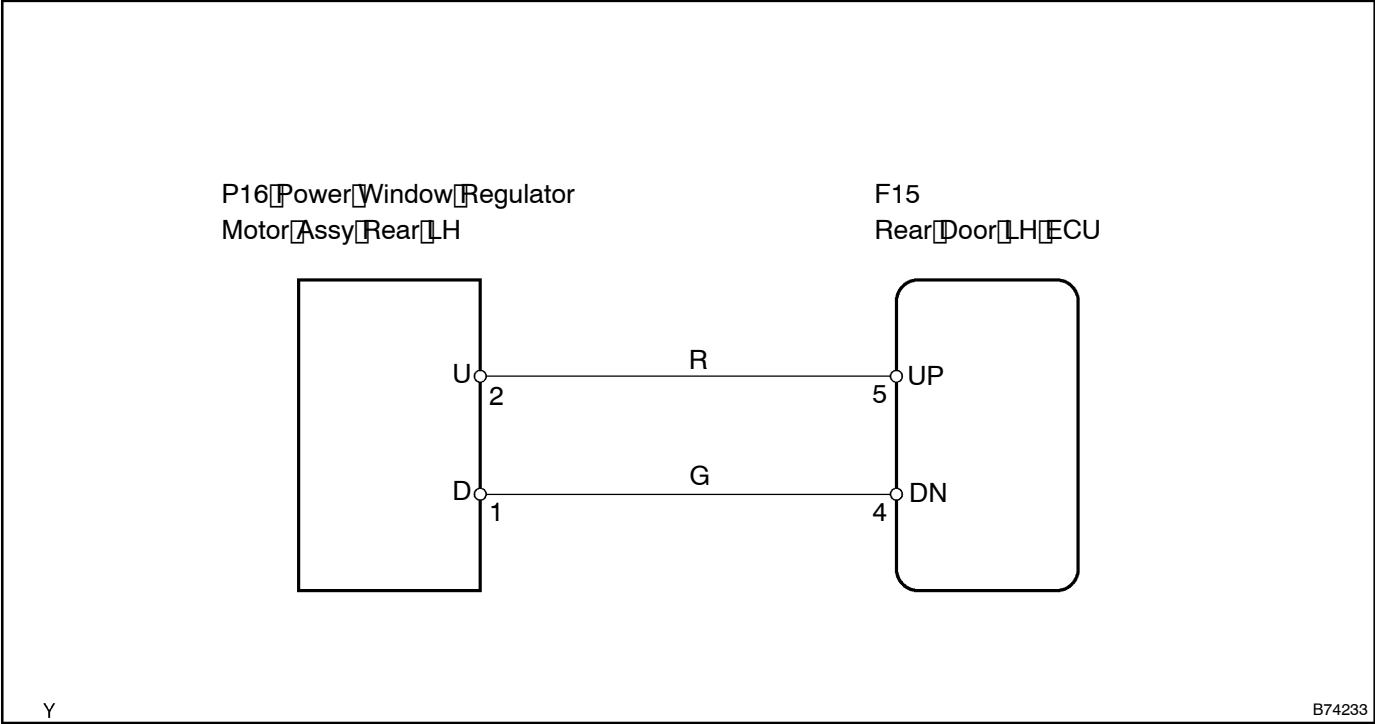


POWER WINDOW MOTOR CIRCUIT (REAR LH)

CIRCUIT DESCRIPTION

The rear door LH ECU receives signals from the power window regulator master switch Assy and power window regulator switch Assy rear LH, and operates the power window regulator motor.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 CHECK FOR DTCS

(a) Operate the rear LH power window. Check if any DTC is output.

RESULT:

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

**B** PROCEED TO DTC CHART (See page 05-1998)

**A**

2 PERFORM ACTIVE TEST USING INTELLIGENT TESTER

- (a) Connect the intelligent tester to the DLC3.
- (b) Turn the ignition switch ON and press the intelligent tester main switch ON.
- (c) Select the item below in the ACTIVE TEST and then check that the power window operates.

REAR DOOR LH ECU:

Item	Test Details	Diagnostic Note
Power window	UP/DOWN	-

OK: Power window operates normally.

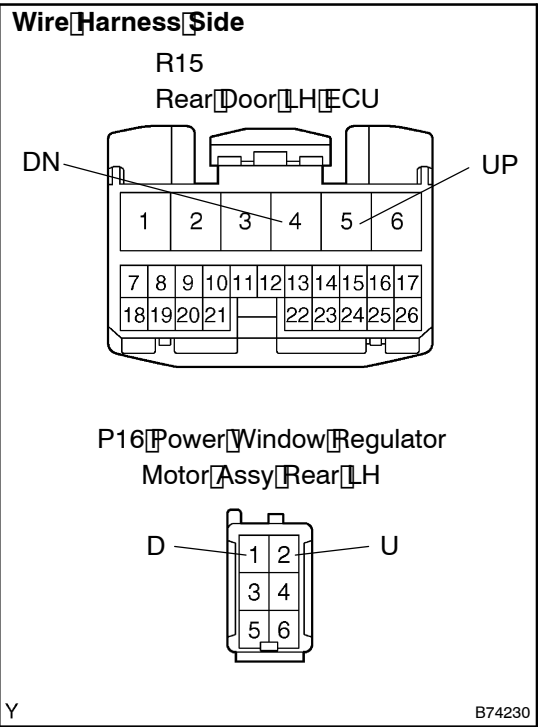
NG

Go to step 3

OK

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

3 CHECK WIRE HARNESS (POWER WINDOW REGULATOR MOTOR ASSY REAR LH - REAR DOOR LH ECU)



- (a) Disconnect the P16 motor connector.
- (b) Disconnect the R15 ECU connector.
- (c) Measure the resistance of the wire harness side connectors.

Standard:

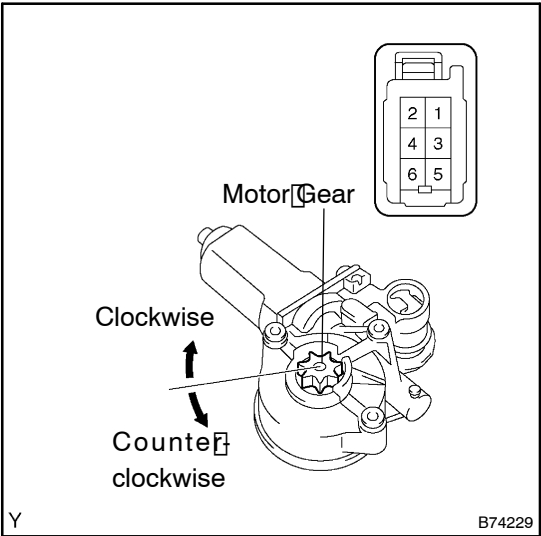
Tester Connection	Specified Condition
P16-2 (U) - R15-5 (UP)	Below 1 Ω
P16-1 (D) - R15-4 (DN)	Below 1 Ω

NG

REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

4 INSPECT POWER WINDOW REGULATOR MOTOR ASSY



- (a) Remove the motor (see page 75-17).
- (b) Apply battery voltage to the motor connector according to the table below.
- (c) Check that the motor rotates smoothly.

**NOTICE:**  
Do not apply battery voltage to any terminals except terminals 1 and 2.

**OK:**

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 1 Battery negative (-) → Terminal 2	Motor gear rotates clockwise
Battery positive (+) → Terminal 2 Battery negative (-) → Terminal 1	Motor gear rotates counterclockwise

**NG** REPLACE POWER WINDOW REGULATOR MOTOR ASSY

OK

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