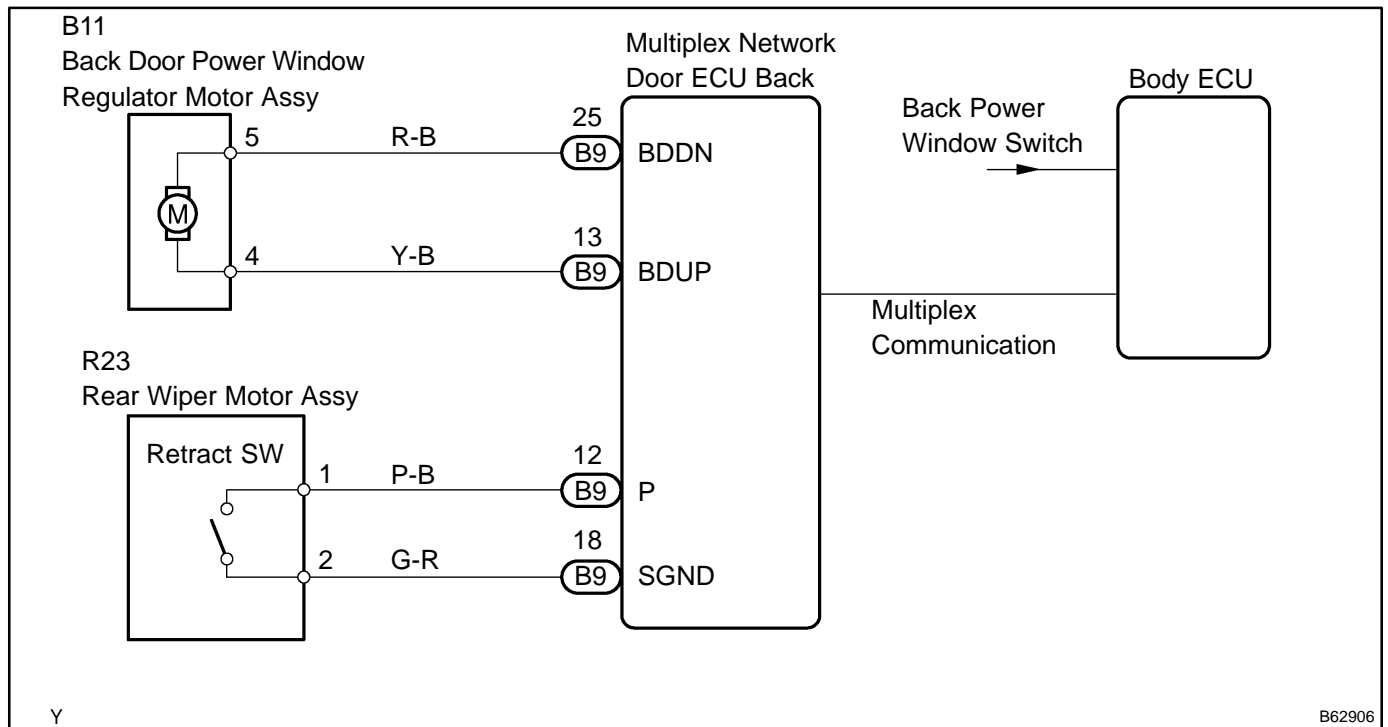# MANUAL UP/DOWN FUNCTION DOES NOT OPERATE
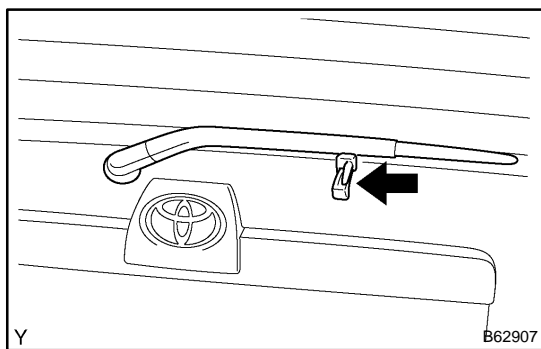
CIRCUIT DESCRIPTION

If the back door power window does not operate, the retract switch in the rear wiper motor or the back door power window motor or the wire harness is abnormal.

WIRING DIAGRAM

INSPECTION PROCEDURE

1	CHECK REAR WIPER OPERATION

(a) Turn the ignition switch ON.
(b) Operate the rear wiper and turn the rear wiper switch OFF.
(c) Check the rear wiper stops at the retract position when the rear wiper switch is turned OFF.

NG ▷ REPLACE REAR WIPER MOTOR ASSY

OK

2	INSPECT BACK DOOR POWER WINDOW REGULATOR SWITCH ASSY

(a) Using the hand-held tester, read the DTC when the back power window switch is operated.
    (1) When DTC B1287 is output, proceed to A.
    (2) When no DTC is output, proceed to B.
    (3) When DTC B1241 is output, proceed to C.

A	INSPECT MULTIPLEX COMMUNICATION SYSTEM (See page 05-1285)

B	INSPECT BACK DOOR POWER WINDOW REGULATOR SWITCH ASSY (See page 05-1131)

OK

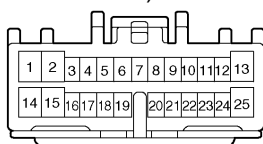| 3	READ VALUE OF HAND-HELD TESTER

(a) Check the condition of the retract switch using the data list.
    Standard:

Data list for back door ECU:

Measurement Item	Label	Parameter
Wiper retract switch	WIPER RTRCT SW	ON

NG	Go to step 6

OK

4	CHECK HARNESS AND CONNECTOR (BACK DOOR ECU ⇔ POWER WINDOW MOTOR)

Wire Harness Side

B9
Multiplex Network Door ECU Back
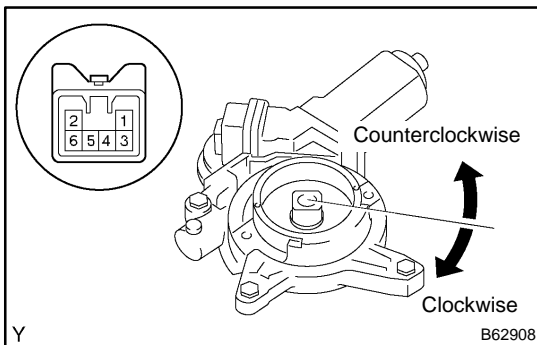(Back Door ECU)

B11
Power Window Regulator
Motor Assy LH (Back Door)

B62905

(a) Disconnect the B9 back door ECU connector.
(b) Disconnect the B11 motor connector.
(c) Check the continuity between the wire harness side connectors.
    Standard:

Terminal No.	Specified Condition
25 ⇔ 5	Continuity
13 ⇔ 4	Continuity
13, 25 ⇔ Body ground	No continuity

NG	REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

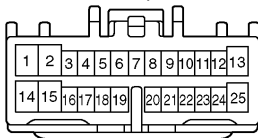| 5 | INSPECT POWER WINDOW REGULATOR MOTOR ASSY LH (BACK DOOR) |

(a) Remove the motor.
(b) Apply battery voltage between the motor terminals and check that the motor rotates smoothly.

Standard:

Terminal No.	Specified Condition
Battery positive voltage ⇔ 5 Battery negative voltage ⇔ 4	Motor rotates counterclockwise
Battery positive voltage ⇔4 Battery negative voltage ⇔ 5	Motor rotates clockwise

| NG | REPLACE POWER WINDOW REGULATOR MOTOR ASSY LH (BACK DOOR) |

OK

| CHECK AND REPLACE MULTIPLEX NETWORK DOOR ECU BACK |

| 6 | CHECK HARNESS AND CONNECTOR (BACK DOOR ECU ⇔ REAR WIPER MO-TOR) |

Wire Harness Side

B9

Multiplex Network Door ECU Back
(Back Door ECU)

R23
Rear Wiper Motor Assy

(a) Disconnect the B9 back door ECU connector.
(b) Disconnect the R23 rear wiper motor connector.
(c) Check the continuity between the wire harness side con-nectors.

Standard:

Terminal No.	Specified Condition
12 ⇔ 1	Continuity
18 ⇔ 2	Continuity
12, 18 ⇔ Body ground	No continuity

| NG | REPAIR OR REPLACE HARNESS AND CONNECTOR |

OK

| REPLACE REAR WIPER MOTOR ASSY |