Auto Up Operation does not Fully Close Power Window (Jam Protection Function is Activated)

DESCRIPTION

If AUTO UP operation does not fully close the power window, the following conditions may be the cause.

- The reset of the power window motor has not been completed, resulting in activation of the jam protection function.
- The memory of the power window switch misses the fully closed position of the power window, thus the window stops AUTO UP operation halfway.
- The jam protection function is activated at the fully closed position.
- Too much sliding resistance is applied to the window, resulting in activation of the jam protection function.

INSPECTION PROCEDURE

1	**RESET POWER WINDOW REGULATOR MOTOR (DRIVER SIDE)**

(a) Reset the power window regulator motor (See page WS-5).
(b) Check if the power window operate normally.

OK → **END**

NG

2	**CHECK POWER WINDOW REGULATOR W/ MOTOR (DRIVER SIDE)**

(a) Remove the driver side door glass.
(b) Operate the power window regulator via the power window master switch without the door glass being installed.
(c) Check that the power window regulator operates smoothly.

OK → **FRONT DOOR GLASS RUN LH**

NG

REPLACE FRONT DOOR WINDOW REGULATOR SUB-ASSEMBLY LH

Power Window cannot be Operated by Wireless Operation

DESCRIPTION

When the switch on the transmitter is operated during normal operating conditions (See page WS-3), the multiplex network body ECU sends a request signal to the master switch and the regulator switches which then drive the applicable power window motors.

INSPECTION PROCEDURE

1 **CHECK WIRELESS DOOR LOCK CONTROL FUNCTIONS**

(a) Check that the wireless door lock functions operate with movement of the transmitter switch.
HINT:
When the wireless door LOCK/UNLOCK operation can be performed, it means that the wireless signal from the transmitter is properly input to the multiplex network body ECU.

NG → **CHECK WIRELESS DOOR LOCK CONTROL FUNCTIONS**

OK ↓

2 **CHECK MANUAL UP/DOWN FUNCTION**

(a) Check that the manual UP/DOWN function using the master switch and each regulator switch can operate all the power windows.

NG → **OTHER PROBLEM**

OK ↓

3 **CHECK REMOTE UP/DOWN FUNCTION**

(a) Check that the remote UP/DOWN function using the master switch can operate the power windows.

NG → **OTHER PROBLEM**

OK ↓

REPLACE MULTIPLEX NETWORK BODY ECU