

POWER WINDOW CONTROL SYSTEM

700H6-02

ON-VEHICLE INSPECTION

1. CHECK POWER WINDOW (MANUAL OPERATION FUNCTION)

- (a) Turn the ignition switch ON.
- (b) Check that the door glass moves up when the power window regulator master switch is pulled UP halfway, and the door glass moves down when the switch is pushed DOWN halfway.
- (c) Check that the door glass moves up when the power window regulator switch is pulled UP, and the door glass moves down when the switch is pushed DOWN.
- (d) Check that the door glasses other than the driver side door glass do not operate when the window lock switch is turned to LOCK.

2. CHECK AUTOMATIC OPERATION FUNCTION

HINT:

Only steps (a), (b), and (d) are applicable to the models without the jam protection function.

- (a) Turn the ignition switch ON.
- (b) Check that the AUTO UP function operates to fully close the door glass when each window switch of the regulator master switch is pulled UP fully.
- (c) Check that the AUTO DOWN function operates to fully open the door glass when each window switch of the regulator master switch is pushed DOWN fully.
- (d) Check that the door glass stops when the applicable switch is pulled UP during AUTO DOWN operation. (However, if the switch is held in the UP position, it will change to manual operation.)
- (e) Check that the door glass stops when the applicable switch is pushed DOWN during AUTO UP operation. (However, if the switch is held in the DOWN position, it will change to manual operation.)

3. CHECK JAM PROTECTION FUNCTION (FOR DRIVER SIDE DOOR GLASS OF MODELS W/ JAM PROTECTION FUNCTION)

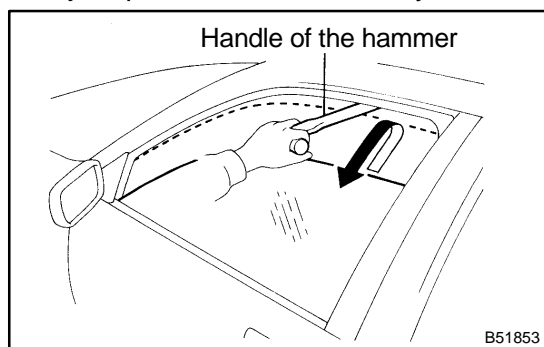
- (a) Check the basic function.

NOTICE:

- Do not check this function using a part of your body such as a hand. Also, pay thorough attention that nothing gets caught by accident in this process.
- If the power window regulator motor assembly has just been reset, raise and lower the door glass several times using AUTO and MANUAL operation before performing check.

HINT:

The jam protection function only works during UP operation.



- (1) Fully open the door glass.
- (2) Insert the handle of the hammer when the door glass is almost in the fully closed position.
- (3) Try to close the door glass with AUTO UP and MANUAL UP operation, check that the door glass moves down about 200 mm (7.87 in.) and stops there, so that the hammer handle is not caught.

HINT:

The door glass goes down by about 50 mm. However, when the opening between the glass and body is less than 200 mm, the door glass goes down by 200 mm or keeps going down for 5 seconds, and then stops.

- (4) During DOWN operation, check that the door glass does not move up even when the window regulator master switch is pulled UP.