

POWER WINDOW CONTROL SYSTEM

7006V-01

ON-VEHICLE INSPECTION

NOTICE:

Initial condition that the customizing function is not chosen by hand-held tester is shown.

1. CHECK BASIC FUNCTION (MANUAL OPERATION FUNCTION)

- (a) Turn the ignition switch ON.
- (b) Check that the door glass moves up when each window switch of the regulator master switch assembly is turned UP and moves down when each window switch is turned DOWN.
- (c) Check that the door glass moves up when the window switch of each regulator switch assembly is turned UP and moves down when the window switch is turned DOWN.
- (d) Check that the door glasses other than the driver's door glass do not operate when the window lock switch is turned LOCK.

2. CHECK AUTOMATIC OPERATION FUNCTION

- (a) Turn the ignition switch ON.
- (b) Check that the AUTO UP operates and the door glass is fully closed when window switch of the regulator master switch assembly is turned UP by double-shift.
- (c) Check that the AUTO DOWN operates and the door glass is fully opened when each window switch of the regulator master switch assembly is turned DOWN by double-shift.
- (d) Singapore model only:
Check that the AUTO UP operates and the door glass is fully closed when the window switch of passengers regulator switch assembly is turned UP by double-shift.
- (e) Check that the AUTO DOWN operates and the door glass is fully opened when the window switch of each regulator switch assembly is turned DOWN by double-shift.
- (f) Check that the door glass stops when the applicable switch is turned UP during the AUTO DOWN operation. (However, if the switch is kept in the UP side, it will transfer to the manual operation.)
- (g) Check that the door glass stops when the applicable switch is turned DOWN during the AUTO UP operation. (However, if the switch is kept in the DOWN side, it will transfer to the manual operation.)

3. CHECK OPERATION FUNCTION AFTER KEY-OFF

- (a) When approximately 45 seconds have elapsed after the ignition switch is turned from ON to OFF, check that the window switch of the regulator master switch assembly will be unable to operate the door glass.
- (b) After turning the ignition switch from ON to OFF with the driver's door open, check that the power window operation becomes impossible after the operations have done.

4. CHECK WIRELESS OPERATION

- (a) With all the doors closed, have no key inserted in the ignition key cylinder.
- (b) Check that each door glass moves down when the UNLOCK switch of the transmitter is kept pressing for about 3 seconds or more. Also, check that the door glass stops when the UNLOCK switch is turned off.

5. W/O DOUBLE LOCK:

CHECK OPERATION FUNCTION BY DRIVER'S DOOR KEY OPERATION (OPERATION INTER-LOCKED WITH KEY)

- (a) Check that each door glass moves down when the door lock cylinder is held in the UNLOCK position for 2 seconds or more by the key operation. Also, check that the door glass stops when the door lock cylinder is turned back to the neutral position.
- (b) Check that each door glass moves up when the door lock cylinder is held in the LOCK position for 2 seconds or more by the key operation. Also, check that the door glass stops when the door lock cylinder is turned back to the neutral position.

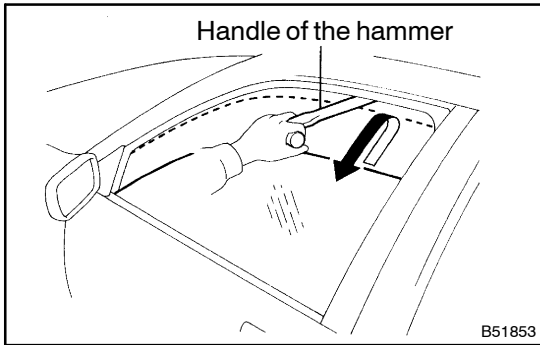
6. CHECK JAM PROTECTION FUNCTION

NOTICE:

- **Never check it with any part of your body such as hand caught between the glass and the vehicle's body. Also, pay thorough attention not to get caught in there during the operation.**
- **In case of resetting the power window regulator motor assembly, check should be carried out after repeating to raise and lower the door glass several times by the AUTO operation.**

HINT:

Jam protection function works during the following UP operations; AUTO UP, UP after key OFF, UP interlocked with key.



- Open the door glass fully.
- Set the handle of the hammer near the fully-closed position.
- When fully closing the door glass with AUTO UP, check that it moves down without the hammer handle getting caught and will go down by about 200 mm (7.87 in.) and stop there.

HINT:

The window goes down by about 50 mm or for 1 second. In case of that the opening value is below 200 mm, the window goes down by 200 mm or keeps going down for 5 seconds, and stops then.

- During the down operation, check that the door glass does not move up even with an input of the applicable window switch.