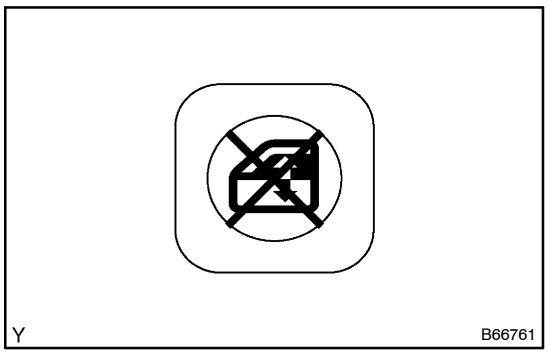
05IDY–01

ON–VEHICLE INSPECTION



1. CHECK WINDOW LOCK SWITCH

(a) Check that the passenger door and rear doors power windows operations are disabled when the window lock switch of the power window regulator master switch assembly is pressed.

(b) Check that the passenger door and rear doors power windows can be operated when the window lock switch is pressed again.

2. CHECK MANUAL UP/DOWN FUNCTION

(a) Check that the driver side power window operates as follows:

OK:

Condition	Master Switch	Switch Operation	Power Window
Power switch ON (IG)	Driver side	Pulled halfway up	UP (closed)
Power switch ON (IG)	Driver side	Pushed halfway down	DOWN (open)

(b) Check that the front passenger side power window operates as follows:

OK:

Condition	Regulator Switch	Switch Operation	Power Window
• Power switch ON (IG) • Window lock switch OFF	Front Passenger side	Pulled up	UP (closed)
• Power switch ON (IG) • Window lock switch OFF	Front Passenger side	Pushed down	DOWN (open)

(c) Check that the rear LH side power window operates as follows:

OK:

Condition	Regulator Switch	Switch Operation	Power Window
• Power switch ON (IG) • Window lock switch OFF	Rear LH side	Pulled up	UP (closed)
• Power switch ON (IG) • Window lock switch OFF	Rear LH side	Pushed down	DOWN (open)

(d) Check that the rear RH side power window operates as follows:

OK:

Condition	Regulator Switch	Switch Operation	Power Window
• Power switch ON (IG) • Window lock switch OFF	Rear RH side	Pulled up	UP (closed)
• Power switch ON (IG) • Window lock switch OFF	Rear RH side	Pushed down	DOWN (open)

3. CHECK AUTO UP/DOWN FUNCTION

(a) Check that the driver side power window operates as follows:

OK:

Condition	Master Switch	Switch Operation	Power Window
Power switch ON (IG)	Driver side	Pulled fully up	AUTO UP (fully closed)
Power switch ON (IG)	Driver side	Pushed fully down	AUTO DOWN (fully open)

4. CHECK REMOTE UP/DOWN FUNCTION

(a) Check that the front passenger side power window operates as follows:

OK:

Condition	Master Switch	Switch Operation	Power Window
• Power switch ON (IG) • Window lock switch OFF	Front passenger side	Pulled up	UP (closed)
• Power switch ON (IG) • Window lock switch OFF	Front passenger side	Pushed down	DOWN (open)

(b) Check that the rear LH side power window operates as follows:

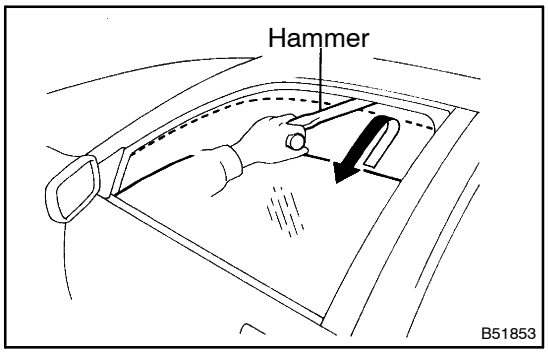
OK:

Condition	Master Switch	Switch Operation	Power Window
• Power switch ON (IG) • Window lock switch OFF	Rear LH side	Pulled up	UP (closed)
• Power switch ON (IG) • Window lock switch OFF	Rear LH side	Pushed down	DOWN (open)

(c) Check that the rear RH side power window operates as follows:

OK:

Condition	Master Switch	Switch Operation	Power Window
• Power switch ON (IG) • Window lock switch OFF	Rear RH side	Pulled up	UP (closed)
• Power switch ON (IG) • Window lock switch OFF	Rear RH side	Pushed down	DOWN (open)



5. CHECK JAM PROTECTION FUNCTION

HINT:

- The jam protection function prevents any part of your body from getting caught by accident between the door frame and the door glass during power window operation.
- The jam protection function is only available on the driver side power window.

NOTICE:

If the power window motor has just been reset, raise and lower the door glass several times manually before performing the check.

(a) Check that the door glass lowers by approximately 50 mm (1.97 in.) when something is caught between the door frame and door glass during power window operation. However, when the opening between the door frame and the door glass is less than 200 mm (7.87 in.), the door glass continues to lower and does not stop until an opening of 200 mm (7.87 in.) is achieved.
Operative conditions:
- AUTO UP
- AUTO UP function after the power switch's power mode's power mode is changed to OFF
- MANUAL UP function after the power switch's power mode's power mode is changed to OFF

6. CHECK POWER WINDOW FAIL–SAFE FUNCTION

(a) The power window regulator motor's pulse sensors detect when an object has been jammed in the window. If a pulse sensor has a malfunction, the fail–safe function starts operating and the AUTO UP/DOWN function will be disabled.