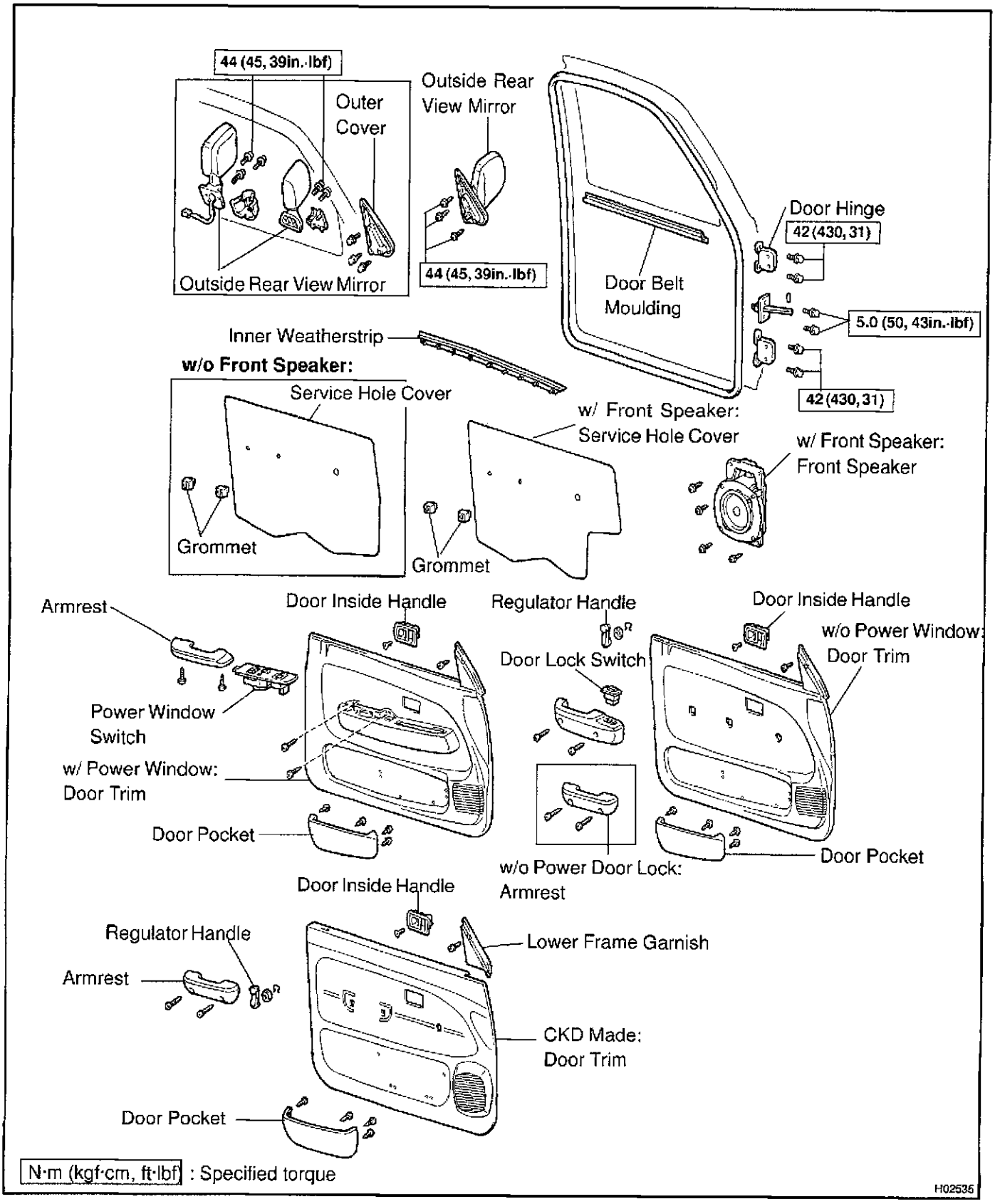
FRONT DOOR

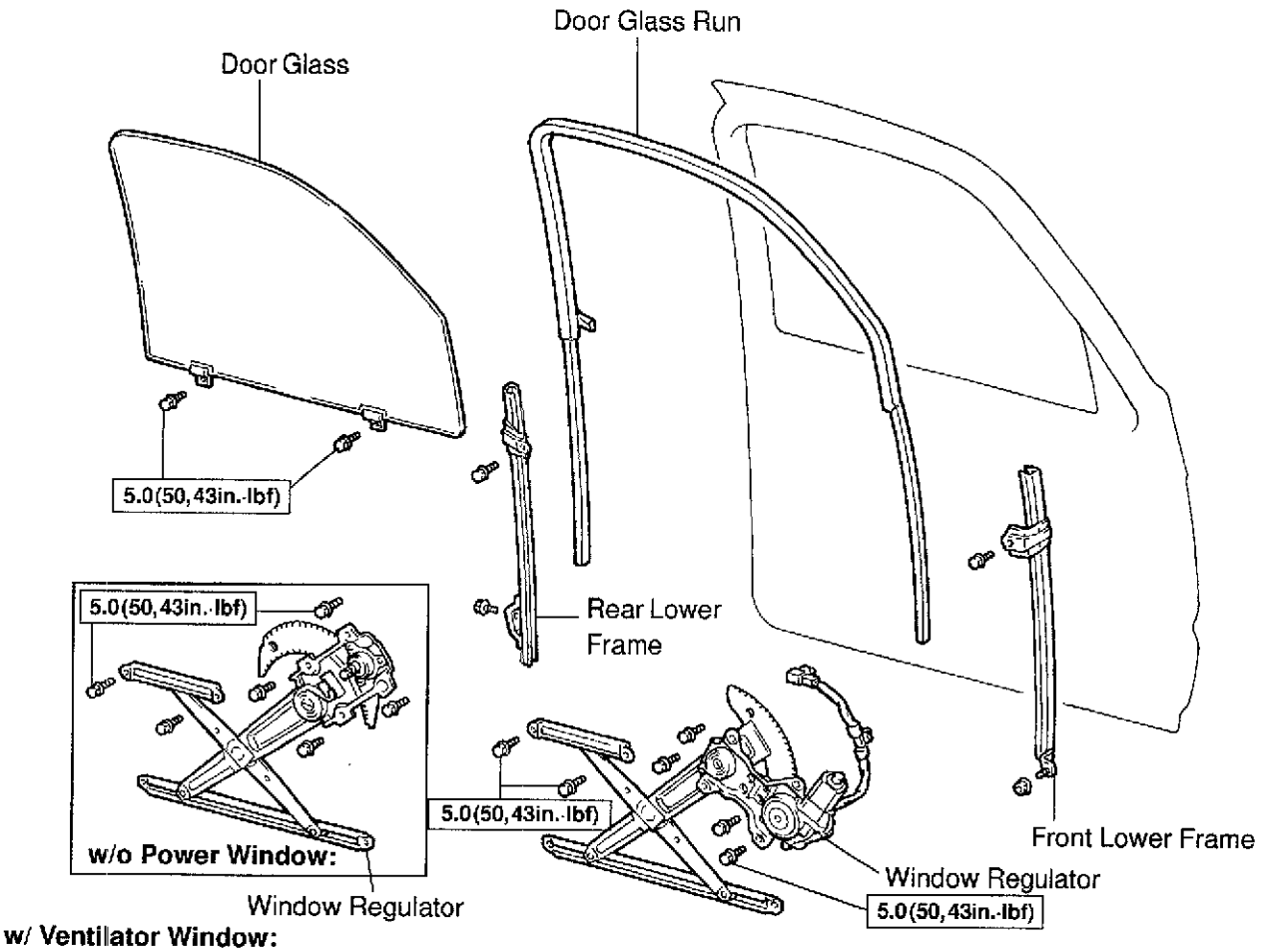
COMPONENTS

BO02-01

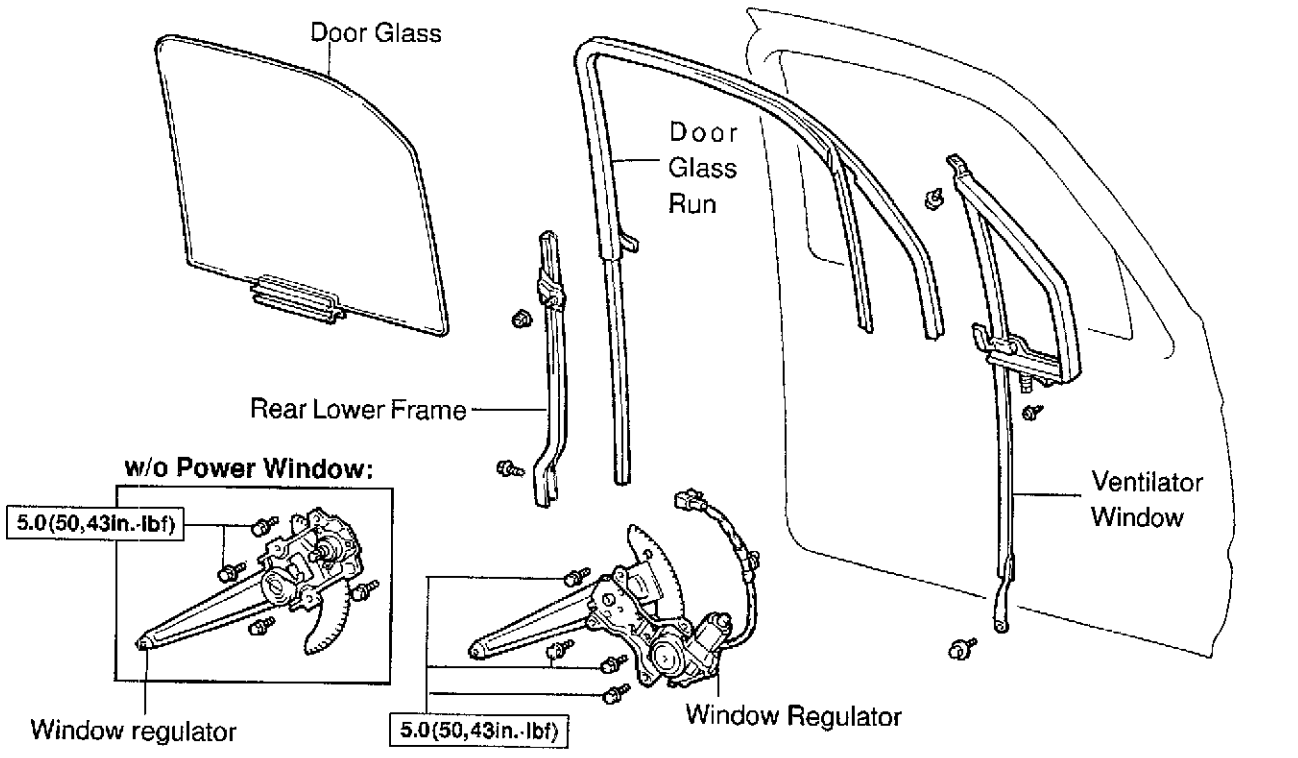


BO

w/o Ventilator Window:



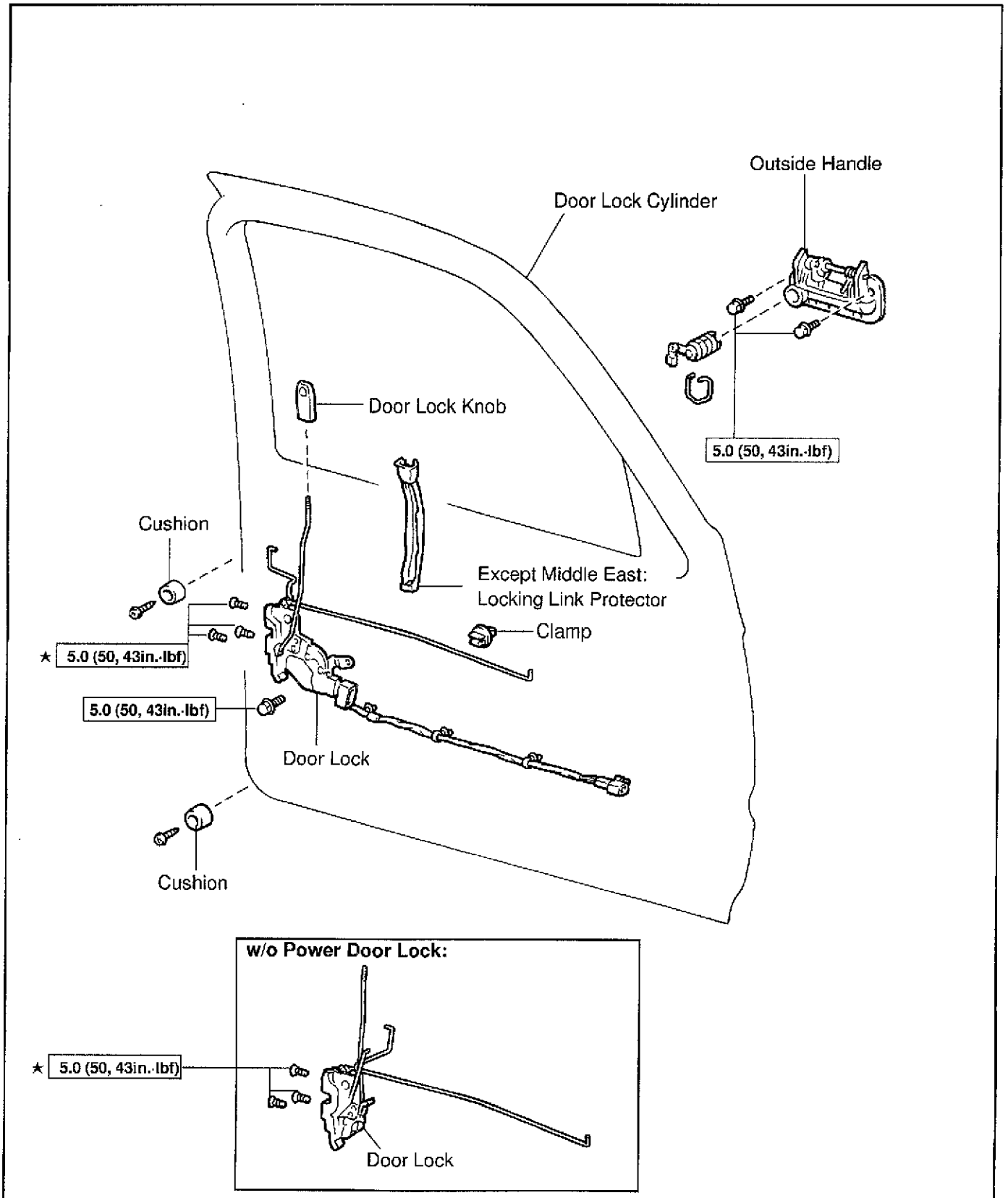
w/ Ventilator Window:



BO

N·m (kgf·cm, ft·lbf) : Specified torque

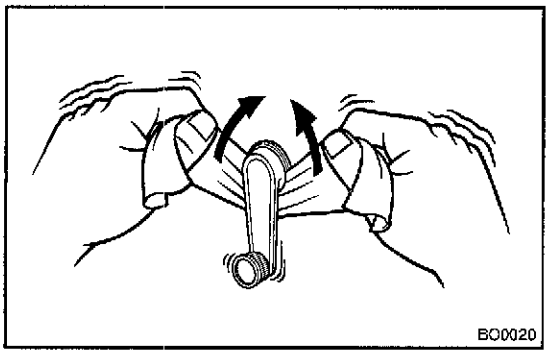
H02536



N·m (kgf·cm, ft·lbf) : Specified torque
★ Precoated part

H02537

BO


BO0020

DISASSEMBLY

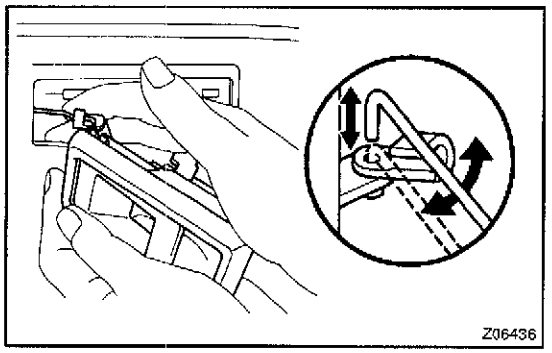
1. **w/o Power Window:**
   REMOVE REGULATOR HANDLE

Pull off the snap ring with a cloth and remove the regulator handle and plate.

HINT:

At the time of reassembly, please refer to the following item.

With door window fully closed, install the plate and regulator handle with the snap ring.


Z06436

2. **REMOVE DOOR INSIDE HANDLE**

(a) Remove the screw, and slide the handle forward.

(b) Disconnect the handle from the control link and remove the handle.

3. **w/ Power Window:**
   REMOVE POWER WINDOW SWITCH

4. **REMOVE DOOR ARMREST**

(a) w/ Power Window:
Using a screwdriver, remove the door armrest.

HINT:

Tape the screwdriver tip before use.

(b) w/o Power Window, w/ Power Door lock:
Remove the 2 screws and door armrest, then disconnect the connector.

(c) w/o Power Window, w/o Power Door lock:
Remove the 2 screws and door armrest.

5. **Except CKD Made:**
   REMOVE DOOR TRIM

(a) w/ Power Window:
Remove the 3 screws.

(b) w/o Power Window:
Remove a screw.

(c) Insert a screwdriver between the trim and door panel to remove the trim.

HINT:

Tape the screwdriver tip before use.

(d) Pull the trim upward to remove it.

(e) w/ Door Pocket:
Remove the 4 screws and front door pocket.

6. **CKD Made:**
   REMOVE DOOR TRIM

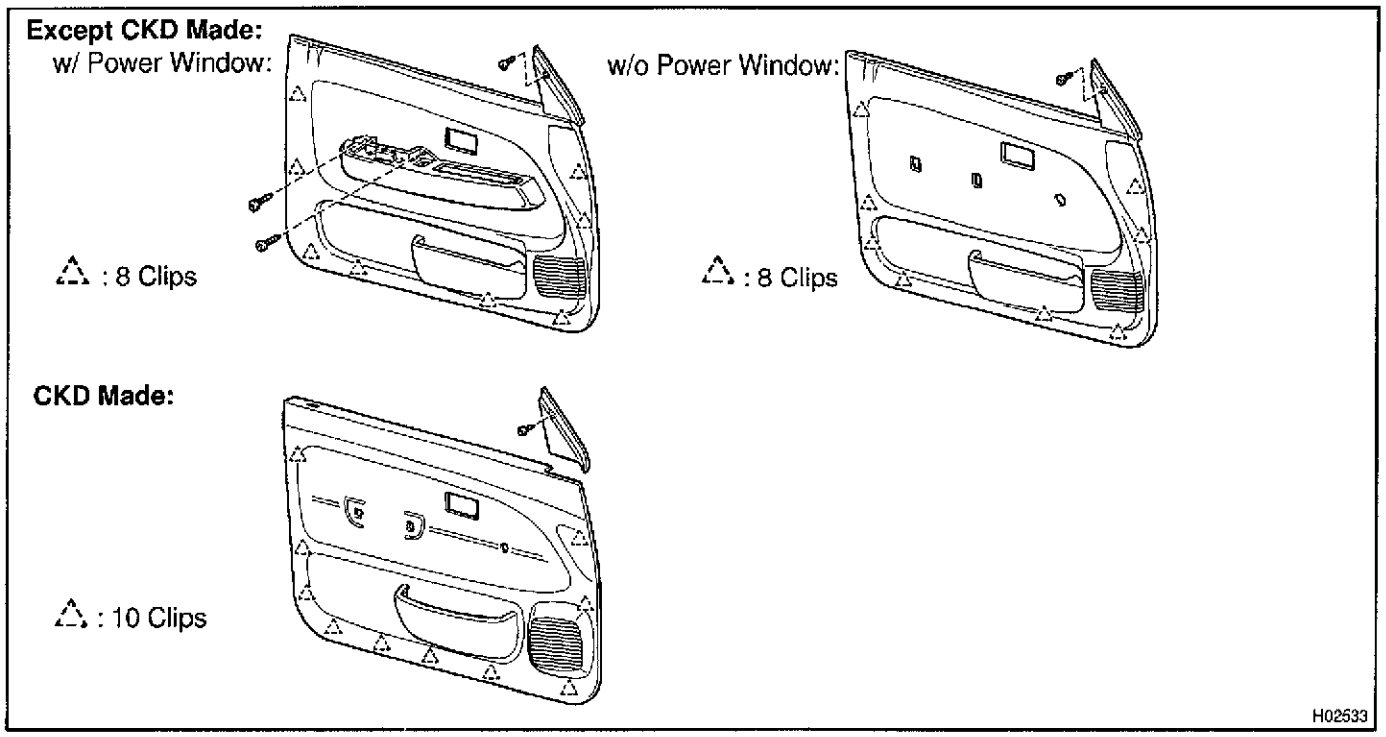
(a) Remove the screw and lower frame garnish.

(b) Insert a screwdriver between the trim and door panel to remove the trim.

HINT:

Tape the screwdriver tip before use.

(c) Pull the trim upward to remove it.



(d) w/ Door Pocket:
Remove the 4 screws and door pocket.

7. REMOVE INNER WEATHERSTRIP

Release the claws and remove the inner weatherstrip from the door trim.

8. w/ Door Speaker:
REMOVE DOOR SPEAKER

(a) Remove the 4 screws.
(b) Disconnect the connector then remove the speaker.

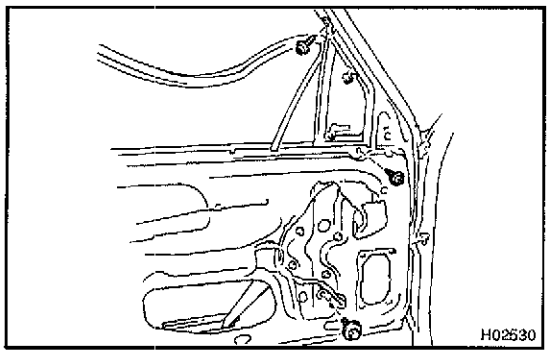
9. REMOVE SERVICE HOLE COVER

(a) Remove the 2 grommets.
(b) Remove the service hole cover.

HINT:
At the time of reassembly, please refer to the following item.
Bring out the links through the service hole cover.

10. REMOVE THESE PARTS:

(a) w/ Front Window Upper Garnish:
Front window upper garnish
(b) w/ Outer Cover:
Outer cover
(c) Outside rear view mirror
Torque: 4.4 N·m (45 kgf·cm, 39 in.·lbf)
(d) Door belt moulding



11. w/ Ventilator Window:
REMOVE VENTILATOR WINDOW AND DOOR GLASS RUN

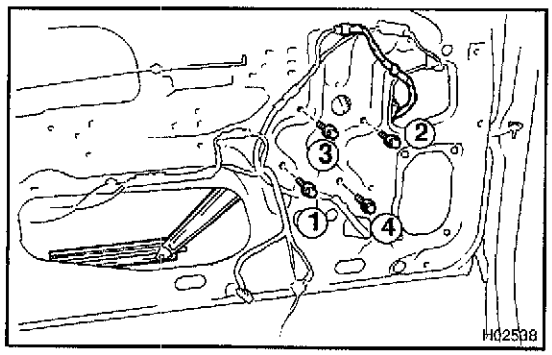
(a) Remove the rear part of door glass run.
(b) Remove the 2 screws and bolt.
(c) Remove the ventilator window.
(d) Remove the front part of door glass run.

12. w/ Ventilator Window:
REMOVE DOOR GLASS AND WINDOW REGULATOR ASSEMBLY

HINT:
When removing the door glass fully open.

(a) w/ Power Window:
Disconnect the connector.
(b) Remove the 4 window regulator set bolts.
Torque: 5.0 N·m (50 kgf·cm, 43 in.·lbf)

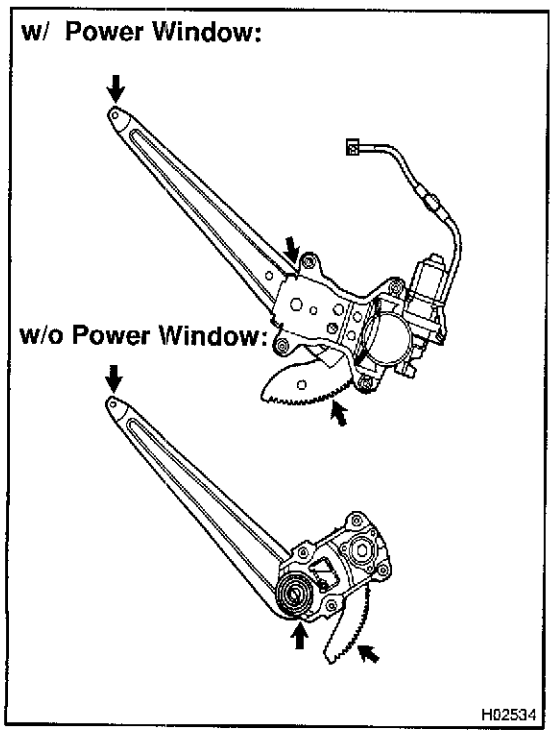
NOTICE:
Do not drop the window regulator with glass.



HINT:
At the time of reassembly, please refer to the following item.
When install the window regulator, torque the bolts in order shown in the illustration.

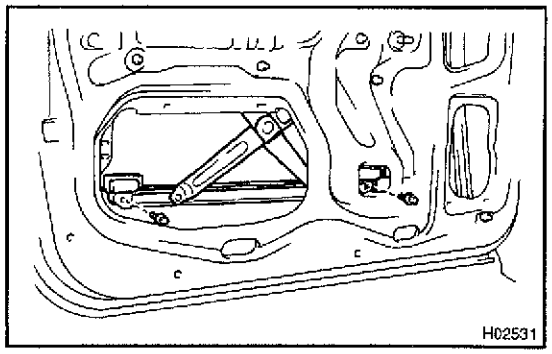
(c) Slide the glass and remove it, then remove the regulator through the service hole.

NOTICE:
Do not damage the door glass.



HINT:
At the time of reassembly, please refer to the following item.
Apply MP grease to the window regulator.

13. w/o Ventilator Window:
REMOVE DOOR GLASS RUN



14. w/o Ventilator Window:
REMOVE DOOR GLASS

(a) Open the door glass until the bolts appear in the service hole.

(b) Remove the 2 bolts and door glass.
Torque: 5.0 N·m (50 kgf·cm, 43 in.·lbf)

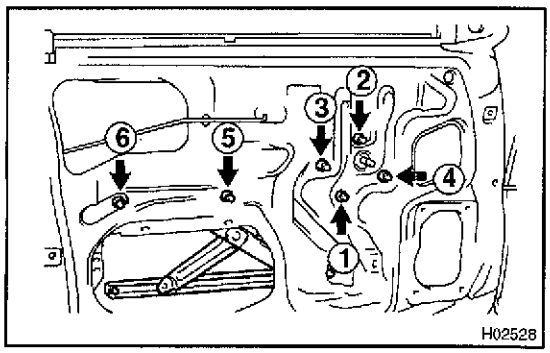
NOTICE:
Do not damage the door glass.

HINT:
Pull the glass upward to remove it.

15. w/o Ventilator Window:
REMOVE WINDOW REGULATOR ASSEMBLY

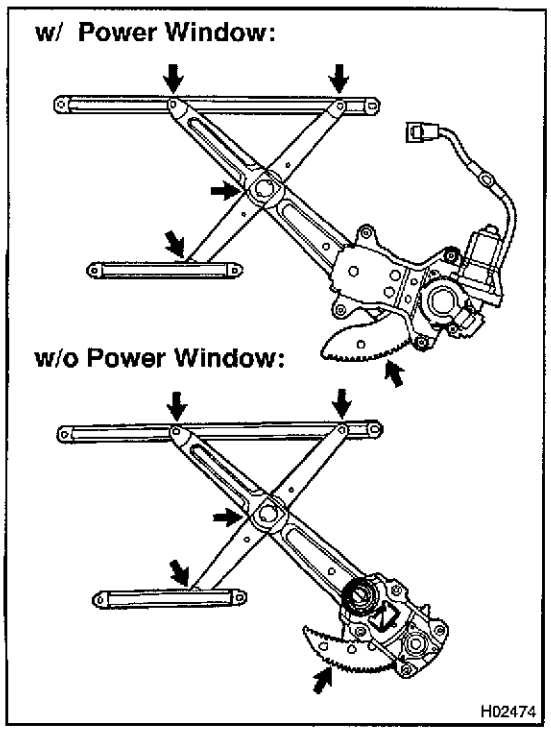
(a) w/ Power Window:
Disconnect the connector.

(b) Remove the 6 bolts and regulator.
Torque: 5.0 N·m (50 kgf·cm, 43 in.·lbf)



HINT:

- At the time of reassembly, please refer to the following items.
- When installing the window regulator, torque the bolts in order shown in the illustration.



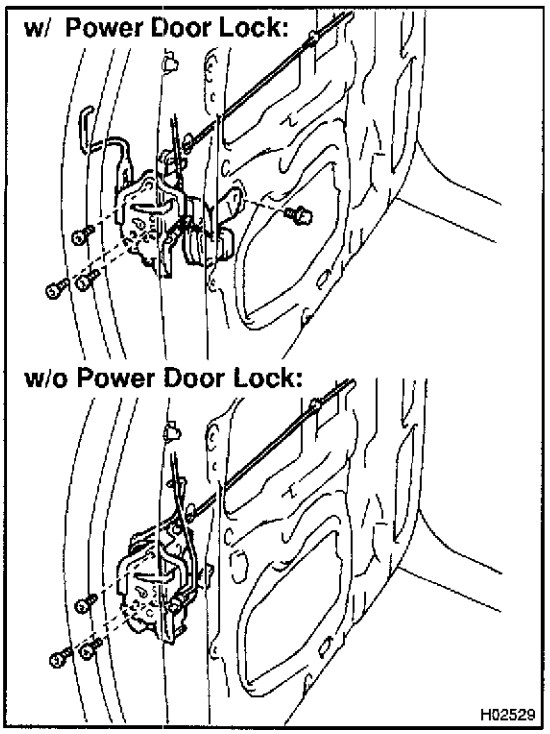
- Apply MP grease to the window regulator.

16. w/o Ventilator Window:
REMOVE FRONT LOWER FRAME

Remove the nut and bolt.

17. REMOVE REAR LOWER FRAME

Remove the nut and bolt.



18. REMOVE DOOR LOCK

(a) Remove the door Lock knob.

(b) Except Middle East:
Remove the locking link protector.

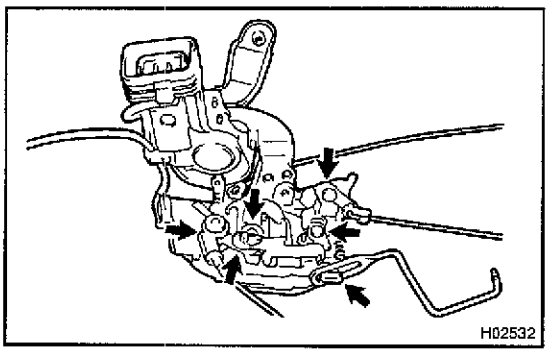
(c) Disconnect the link from outside handle.

(d) w/ Power Door Lock:
Disconnect the connector and remove the bolt.
Torque: 5.0 N·m (50 kgf·cm, 43 in.·lbf)

(e) Remove the 3 torx screws.
Torque: 5.0 N·m (50 kgf·cm, 43 in.·lbf)

HINT:

- At the time of reassembly, please refer to the following item.
- Apply adhesive to the 3 torx screws.
Part No.08833–00070, THREE BOND 1342 or equivalent.



- Apply MP grease to the sliding and rotating parts of the door lock.

19. REMOVE THESE PARTS:

(a) Outside handle
Torque: 5.0 N·m (50 kgf·cm, 43 in.·lbf)

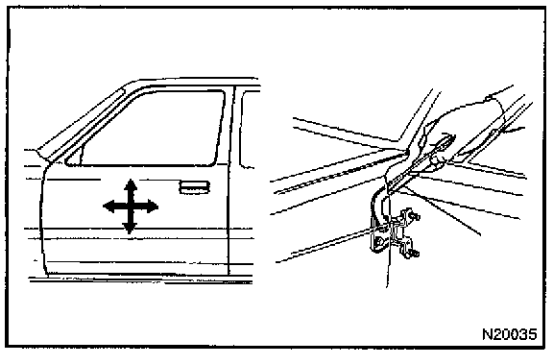
(b) Door lock cylinder

(c) Weatherstrip

(d) Cushions

BO0I4-01

ADJUSTMENT

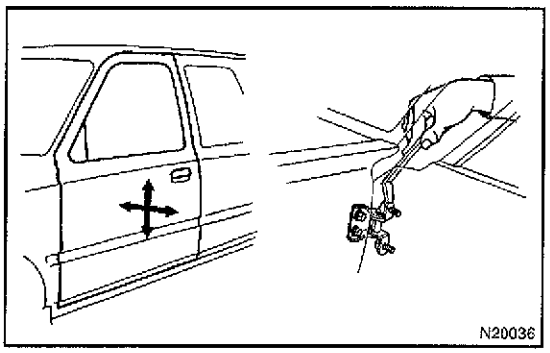


1. ADJUST DOOR IN FORWARD/ REARWARD AND VERTICAL DIRECTIONS

Using SST, adjust the door by loosening the body side hinge bolts.

SST 09812–00010

Torque: 42 N·m (430 kgf·cm, 31 ft·lbf)



2. ADJUST DOOR IN LEFT/ RIGHT AND VERTICAL DIRECTIONS

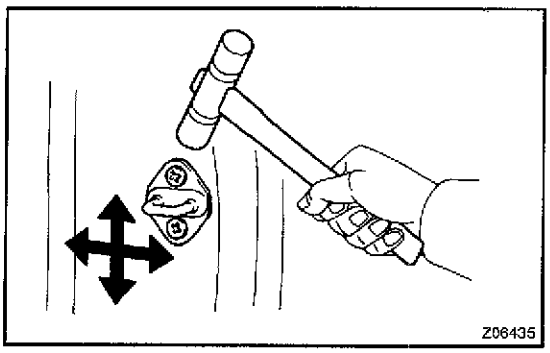
Loosen the door side hinge bolts to adjust.

HINT:

Substitute the standard bolt for the centering bolts.

(See page BO–7)

Torque: 42 N·m (430 kgf·cm, 31 ft·lbf)



3. ADJUST DOOR LOCK STRIKER

(a) Check that the door fit and door lock linkages are adjusted correctly.

(b) Adjust the striker position by slightly loosening the striker mounting screws, and hitting the striker with a hammer.

(c) Tighten the striker mounting screws again.

Torque: 23 N·m (230 kgf·cm, 17 ft·lbf)

BO01S-01

REASSEMBLY

Reassembly is in the reverse order of disassembly (See page BO–11).