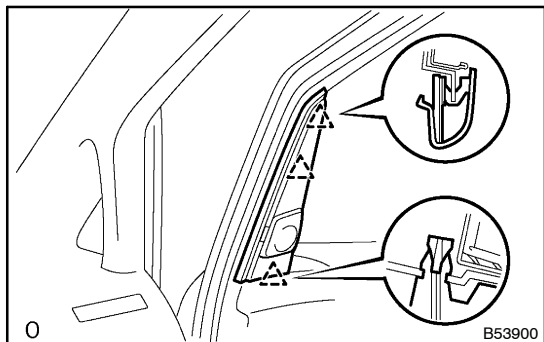


OVERHAUL

HINT:

- Installation is in the reverse order of removal. But the installation is indicated only when it has a point.
- In the LH side, work in the same procedure as in the RH side.

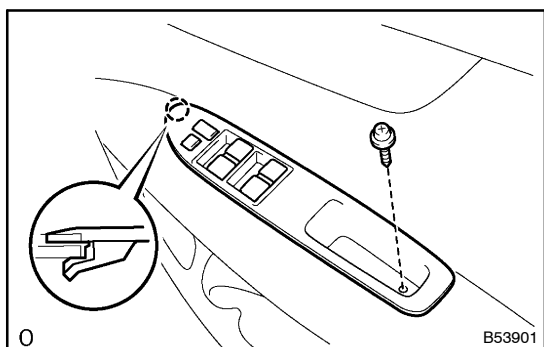


1. REMOVE FRONT DOOR LOWER FRAME BRACKET GARNISH RH

- Using a screwdriver, remove the front door lower frame bracket garnish.

HINT:

Tape the screwdriver tip before use.

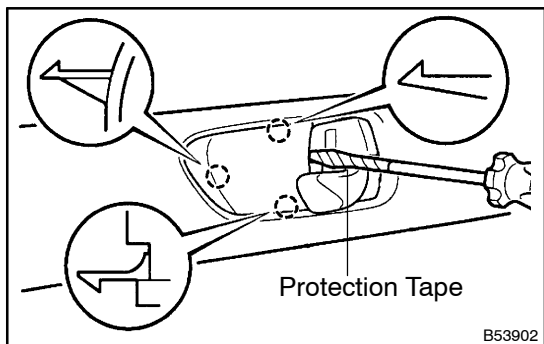


2. REMOVE POWER WINDOW REGULATOR MASTER SWITCH ASSY

- Remove the screw.
- Using a screwdriver, remove the power window regulator master switch assembly then disconnect the connector.

HINT:

Tape the screwdriver tip before use.

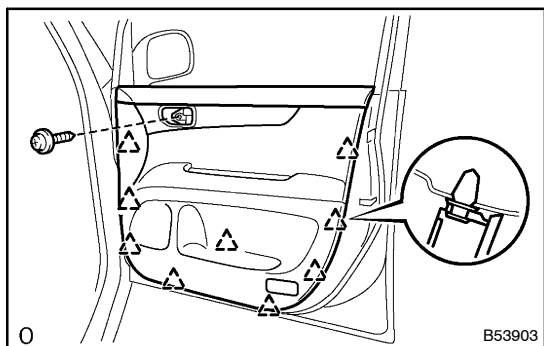


3. REMOVE FRONT DOOR INSIDE HANDLE BEZEL RH

- Using a screwdriver, remove the front door inside handle bezel.

HINT:

Tape the screwdriver tip before use.



4. REMOVE FRONT DOOR TRIM BOARD SUB-ASSY RH

- Remove the screw.
- Using a screwdriver, remove the front door trim board.

HINT:

Tape the screwdriver tip before use.

- Remove the inside handle then disconnect the 2 cables from the front door lock assembly.

5. REMOVE FRONT DOOR TRIM BRACKET RH

- Remove the 2 screws and front door trim bracket.

6. REMOVE FRONT DOOR SERVICE HOLE COVER RH

- (a) Disconnect each connector and remove the front door service hole cover.

NOTICE:

Remove the remained tape on the body side.

7. REMOVE FRONT NO.1 SPEAKER ASSY

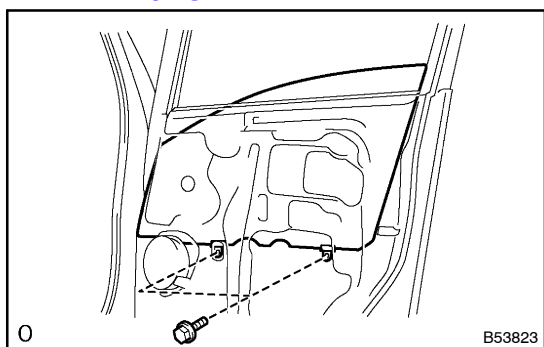
- (a) Disconnect the connector.
 (b) Remove the bolt and the front No.1 speaker assembly.

8. REMOVE OUTER REAR VIEW MIRROR ASSY RH

- (a) Remove the 2 bolts.
 (b) Disconnect the connector then remove the outer rear view mirror assembly.

9. REMOVE FRONT DOOR BELT MOULDING RH

(See page 76-13)

**10. REMOVE FRONT DOOR GLASS SUB-ASSY RH****HINT:**

Insert a shop rag inside the door panel to prevent scratching the glass.

- (a) Open the door glass until the bolts appear in the service hole.
 (b) Remove the 2 bolts and door glass.

NOTICE:

Do not damage the door glass.

HINT:

Pull the glass upward to remove it.

11. REMOVE FRONT DOOR GLASS RUN RH**12. REMOVE FRONT DOOR WINDOW REGULATOR SUB-ASSY RH**

- (a) Disconnect the connector.
 (b) Loosen the temporarily installed bolt.

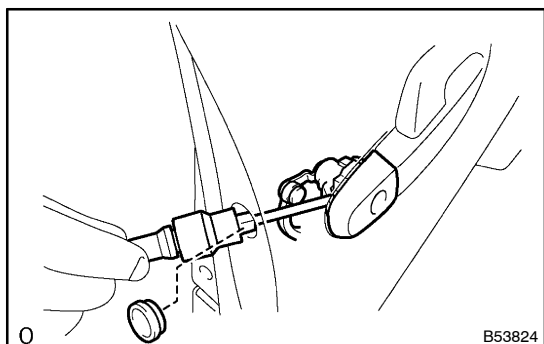
NOTICE:

When the temporarily installed bolt is removed, the front door window regulator might drop and be deformed.

- (c) Remove the 5 bolts and front door window regulator.

13. REMOVE POWER WINDOW REGULATOR MOTOR ASSY RH

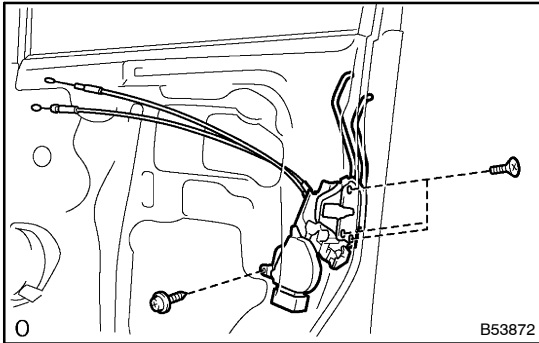
- (a) Using a torx wrench (T25), remove the 3 screws and the motor assembly.

**14. REMOVE FRONT DOOR OUTSIDE HANDLE COVER**

- (a) Disconnect the links from the front door with motor lock assembly.
 (b) Using a torx wrench (T30), remove the screw and the door lock cylinder assembly.

15. REMOVE FRONT DOOR FRAME SUB-ASSY REAR LOWER RH

- (a) Remove the screw and the front door frame sub-assembly rear lower.

**16. REMOVE FRONT DOOR W/MOTOR LOCK ASSY RH**

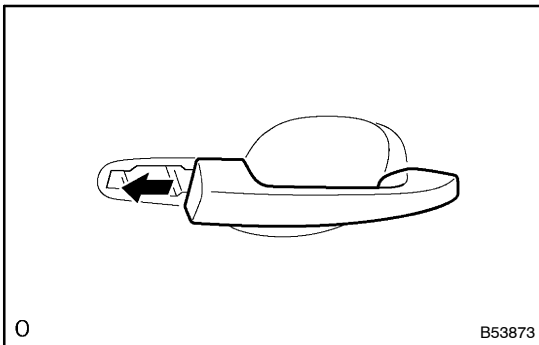
- (a) Disconnect the connector.
 (b) Remove the bolt.
 (c) Disconnect the links from the front door outside handle.
 (d) Using a Torx wrench (T30), remove the 3 screws and the front door with motor lock assembly.

17. REMOVE FRONT DOOR LOCK ACTUATOR ASSY RH

- (a) Remove the 2 screws and the front door lock actuator assembly.

18. APPLICATION BODY GREASE

- (a) Apply MP grease to the sliding and rotating parts of the regulator assembly and door lock.

**19. REMOVE FRONT DOOR HANDLE ASSY OUTSIDE RH**

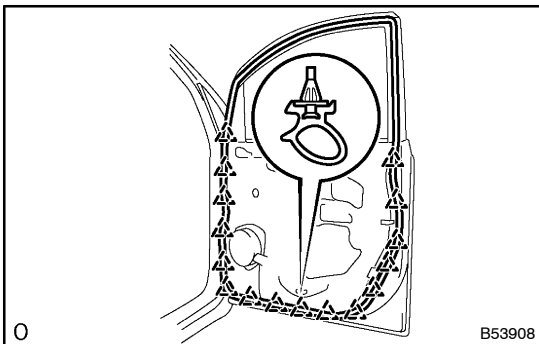
- (a) Pushing the outside handle in the arrow mark direction in the illustration, remove the front door outside handle.

20. REMOVE FRONT DOOR OUTSIDE HANDLE FRAME SUB-ASSY RH

- (a) Using a Torx wrench (T30), remove the screw and the front door outside handle frame sub-assembly.

21. REMOVE FRONT NO.2 SPEAKER ASSY

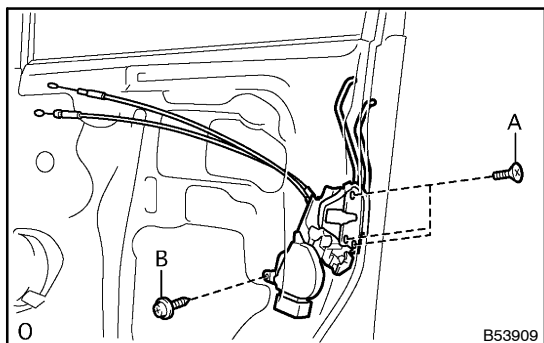
(See page 67-5)

**22. REMOVE FRONT DOOR WEATHERSTRIP RH**

- (a) Using a screwdriver, remove the door weatherstrip.
 HINT:
 Tape the screwdriver tip before use.

23. INSTALL FRONT DOOR LOCK ACTUATOR ASSY RH

- (a) Install the front door lock actuator assembly with the 2 screws.



24. INSTALL FRONT DOOR W/MOTOR LOCK ASSY RH

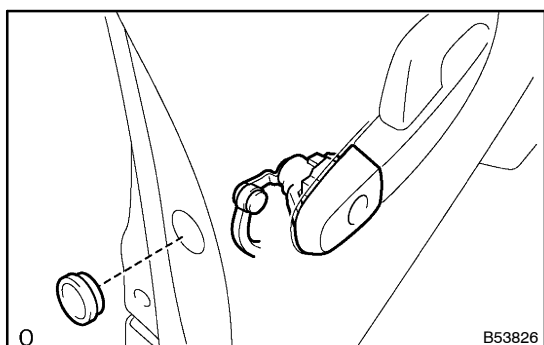
- (a) Using a torx wrench (T30), install the front door lock assembly with the 3 screws and bolt.

Torque:

A: 5.0 N·m (51 kgf·cm, 45 in·lbf)

B: 8.0 N·m (82 kgf·cm, 71 in·lbf)

- (b) Connect the links to the front outside handle.
(c) Connect the connector.



25. INSTALL FRONT DOOR OUTSIDE HANDLE COVER

- (a) Using a torx wrench (T30), install the front door outside handle cover with the screw.

26. INSTALL POWER WINDOW REGULATOR MOTOR ASSY RH

- (a) Apply MP grease to the sliding and rotating parts of the regulator assembly.
(b) If the jam protection dose not function properly, perform the following procedure.

HINT:

It is necessary to reset the power window motor (in the initial position for the limit switch) when separating the window regulator from the power window motor or operating the window regulator with the door glass not installed.

- (1) Remove the power window motor.

HINT:

Place the matchmarks on the power window motor and window regulator gear.

- (2) Connect the power window motor and power window switch to the wire harness of the vehicle.
(3) Turn the ignition switch ON and operate the power window switch to idle the power window motor in the up side direction for more than 6 rotations or less than 10 rotations (4 seconds or more).
(4) Assemble the power window motor and regulator.

HINT:

- Install the motor when the regulator arm is below the middle point.
 - Align the matchmarks on the power window motor and window regulator gear when installing the power window motor.
- (5) Assemble the power window regulator and door glass.

HINT:

Never rotate the motor to the down direction until the installation of the window glass is completed.

27. INSTALL FRONT DOOR WINDOW REGULATOR SUB-ASSY RH

- (a) Install the temporarily installed bolt securely.
(b) Install the temporarily installed bolt to the window regulator to the front door panel, and install the front door window regulator RH temporarily.
(c) Tighten the 5 bolts and the temporarily installed bolt.

Torque: 8.0 N·m (82 kgf·cm, 71 in·lbf)

- (d) Connect the connector.

28. INSTALL FRONT DOOR GLASS SUB-ASSY RH

- (a) Install the front door glass with the 2 bolts.

Torque: 7.0 N·m (72 kgf·cm, 62 in·lbf)

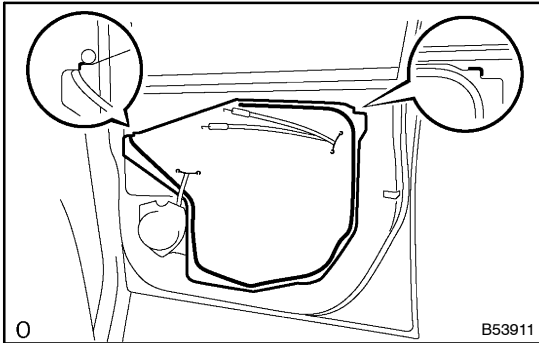
HINT:

When the installation point of the front door glass dose not match, adjust the regulator position by manual operation.

- (1) Connect the power window switch to the wire harness and turn the ignition switch ON.
- (2) Repeat UP and DOWN operation several times manually.
- (3) Check if AUTO UP → AUTO DOWN operates in the automatic operation.

HINT:

- Note that the jam protection function does not operate just after resetting.
- Reset the regulator again when performing the reverse operating after closing the window fully by AUTO UP operation.

**29. INSTALL FRONT DOOR SERVICE HOLE COVER RH**

- (a) Install a new service hole cover to the door panel.

HINT:

- When installing the service hole cover, pull out the links and connectors through the service hole cover.
- There should be no wrinkles or folds after attaching the service hole cover.
- After attaching the service hole cover, sealing condition should be confirmed.