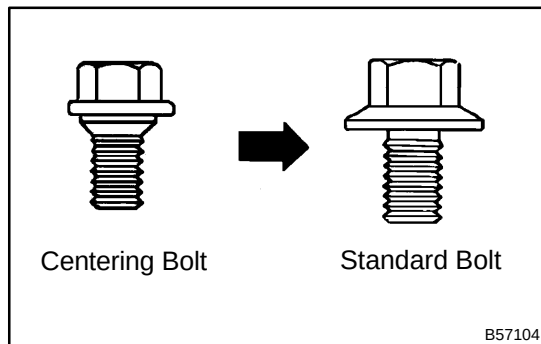


ADJUSTMENT

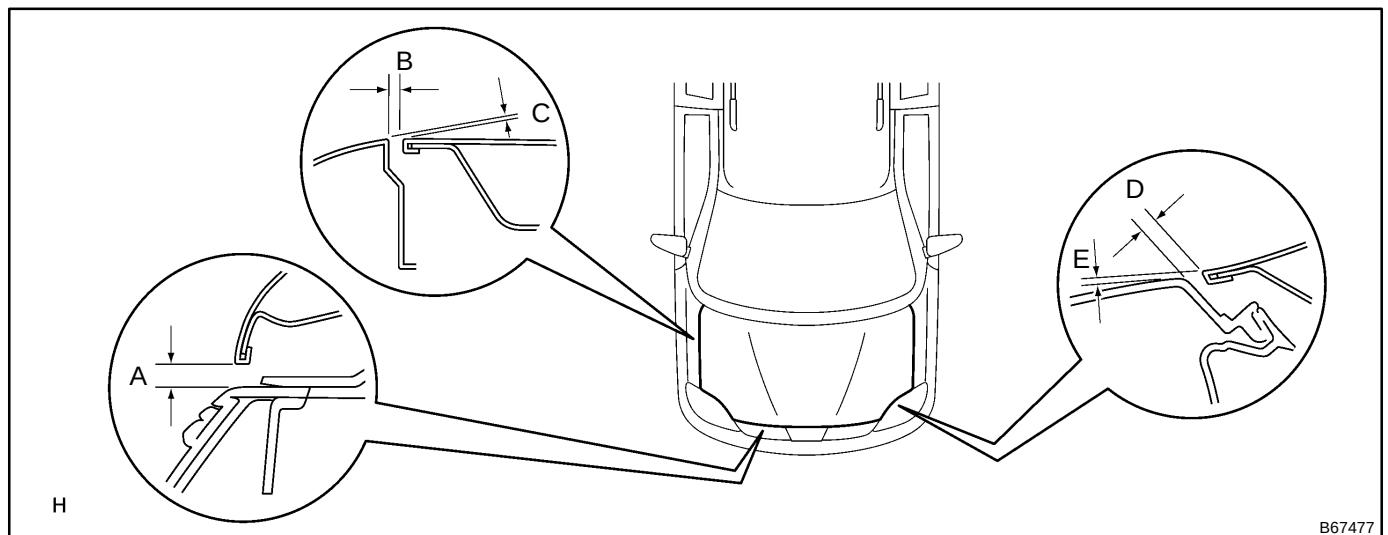


HINT:

Since a centering bolt is used as a hood hinge mounting bolt and hood lock mounting bolt, the hood and hood lock can not be adjusted with them on. Substitute a bolt with a washer for the centering bolt.

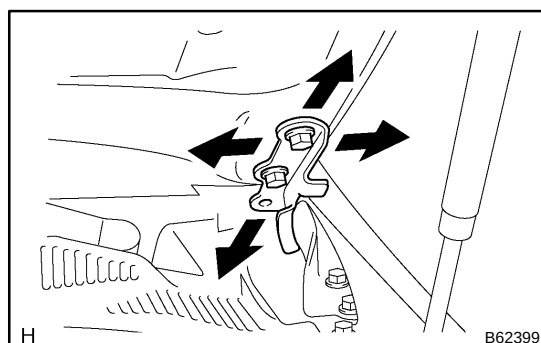
1. INSPECT HOOD SUB-ASSY

- (a) Check that the clearance is within the standard range.



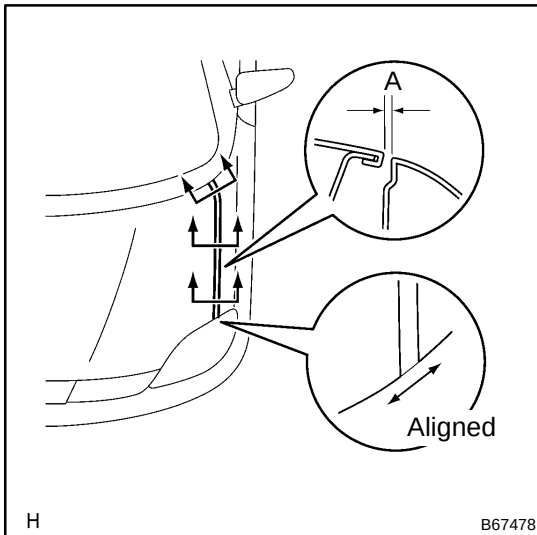
Standard:

A	$8.0 \pm 1.5 \text{ mm}$ ($0.315 \pm 0.059 \text{ in.}$)
B	$4.0 \pm 1.5 \text{ mm}$ ($0.157 \pm 0.059 \text{ in.}$)
C	$0.4 \pm 1.5 \text{ mm}$ ($0.015 \pm 0.059 \text{ in.}$)
D	$5.0 \pm 1.5 \text{ mm}$ ($0.197 \pm 0.059 \text{ in.}$)
E	$1.1 \pm 1.5 \text{ mm}$ ($0.043 \pm 0.059 \text{ in.}$)



2. ADJUST HOOD SUB-ASSY

- (a) Horizontally adjust the hood.
- (1) Loosen the 4 hood hinge mounting bolts on the hood side.

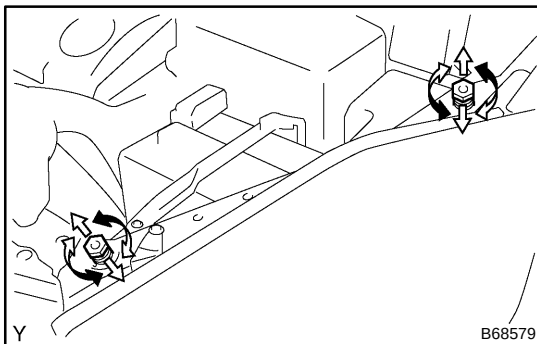


- (2) Adjust the clearance by moving the hood, so that it will be in the standard range.

Standard (A): 4.0 ± 1.5 mm (0.157 ± 0.059 in.)

- (3) Tighten the hood side hinge bolts after the adjustment.

Torque: 13 N·m (130 kgf·cm, 10 ft·lbf)



- (b) Adjust the height of the hood front end using the cushion rubber.

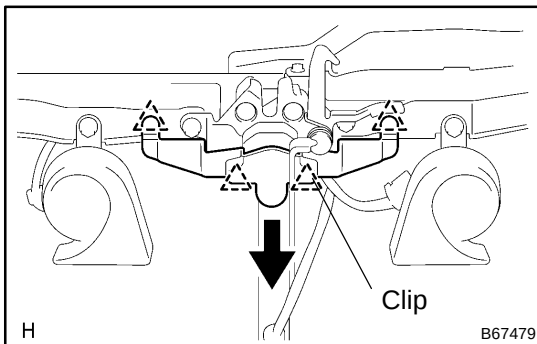
- (1) Adjust the cushion rubber so that the hood and the fender will be aligned.

HINT:

The cushion rubber goes up and down when turned.

- (c) Adjust the hood lock.

- (1) Remove the front bumper cover (See page [76-2](#)).



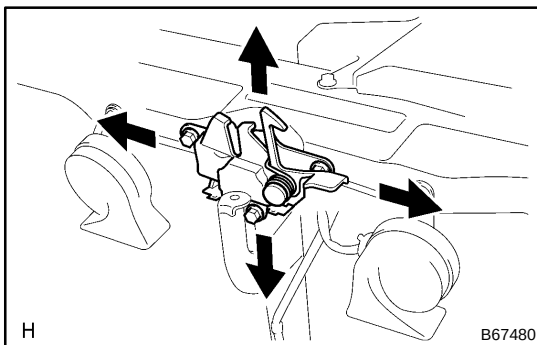
- (2) Using a screwdriver, disengage the 4 claws and remove the hood lock release lever protector.

HINT:

Tape the screwdriver tip before use.

NOTICE:

Removing the protector damages the clips inside the protector. Therefore, the use of a new protector is necessary for installation.



- (3) Loosen the 3 hood lock mounting bolts.

- (4) Adjust the striker position by moving the hood lock, so that the striker can enter smoothly.

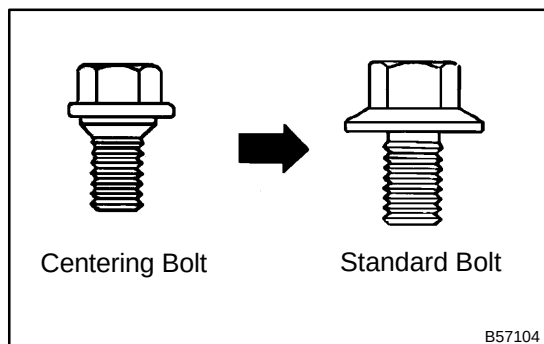
- (5) Tighten the hood lock bolts after the adjustment.

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

ADJUSTMENT

HINT:

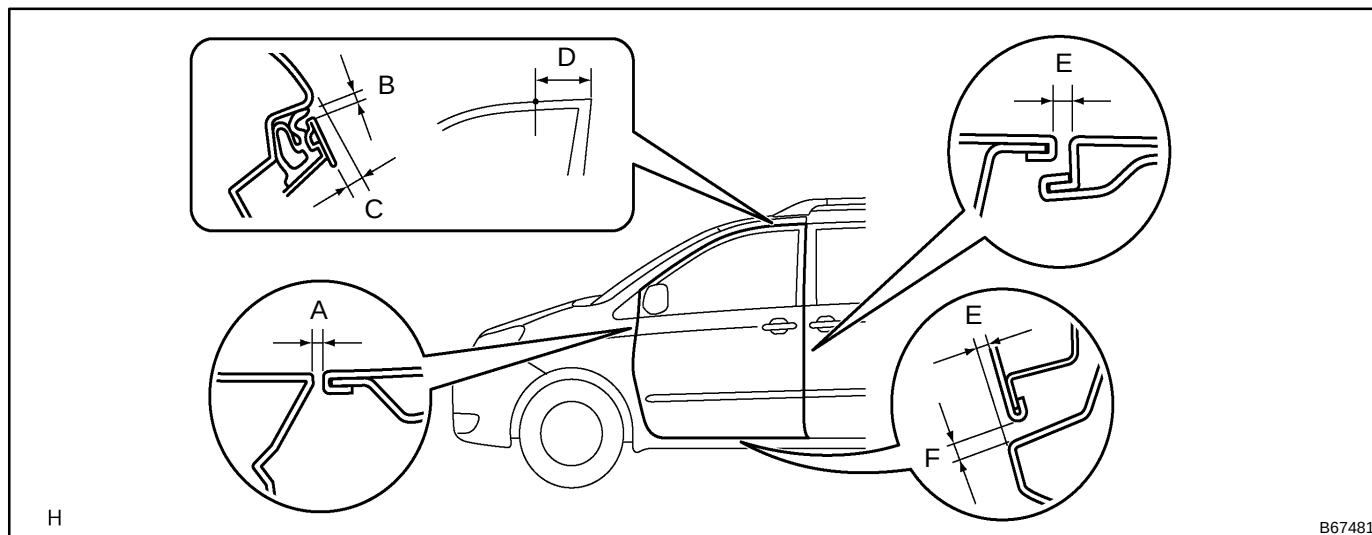
- On the RH side, use the same procedures as on the LH side.



- Since a centering bolt is used as a door hinge mounting bolt on the body side and the door side, the door can not be adjusted with it on. Substitute a bolt with a washer for the centering bolt.

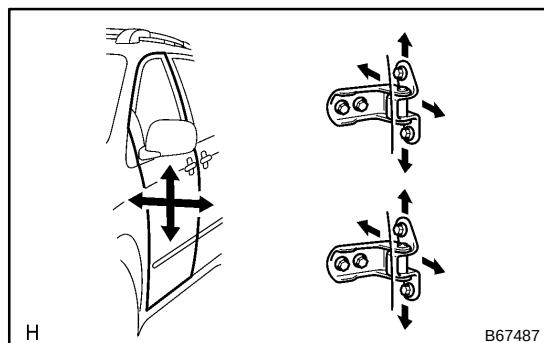
1. INSPECT FRONT DOOR PANEL SUB-ASSY LH

- (a) Check that the clearance is within the standard range.



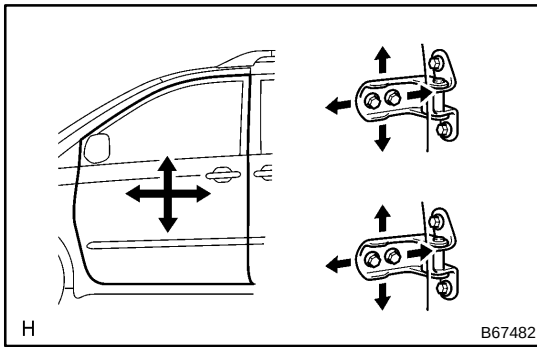
Standard:

A	5.0 ± 1.5 mm (0.197 ± 0.059 in.)
B	5.5 ± 1.5 mm (0.220 ± 0.059 in.)
C	5.2 ± 1.5 mm (0.205 ± 0.059 in.)
D	160 mm (6.30 in.)
E	9.2 ± 1.5 mm (0.362 ± 0.059 in.)
F	6.3 ± 1.5 mm (0.250 ± 0.059 in.)

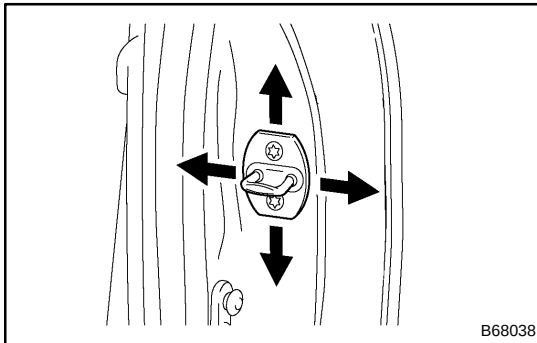


2. ADJUST FRONT DOOR PANEL SUB-ASSY LH

- (a) Using SST, horizontally and vertically adjust the door by loosening the body side hinge bolts.
SST 09812-00010, 09812-00020
- (b) Tighten the door side hinge bolts after the adjustment.
Torque: 26 N·m (265 kgf·cm, 19 ft·lbf)



- (c) Adjust the door forward/rearward and vertically by loosening the door side hinge bolts.
- (d) Tighten the door side hinge bolts after the adjustment.
Torque: 26 N·m (265 kgf·cm, 19 ft·lbf)



- (e) Adjust the striker position by slightly loosening the striker mounting screws and hitting the striker with a plastic-faced hammer.
- (f) Tighten the striker mounting screws after the adjustment.
Torque: 23 N·m (235 kgf·cm, 17 ft·lbf)

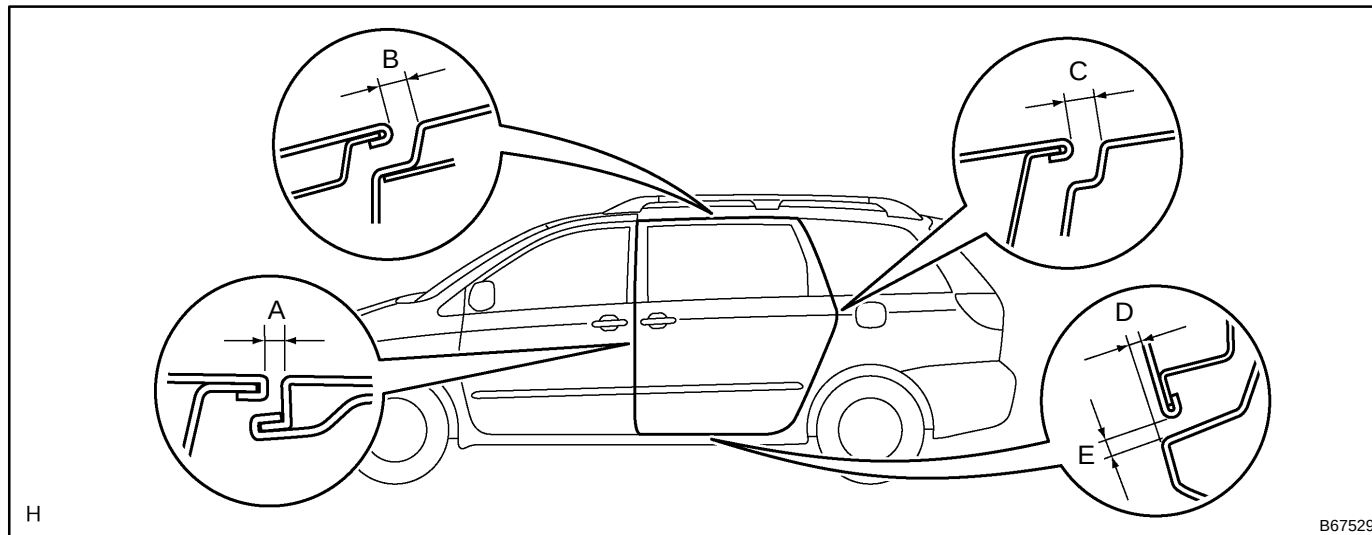
ADJUSTMENT

HINT:

On the RH side, use the same procedures as on the LH side.

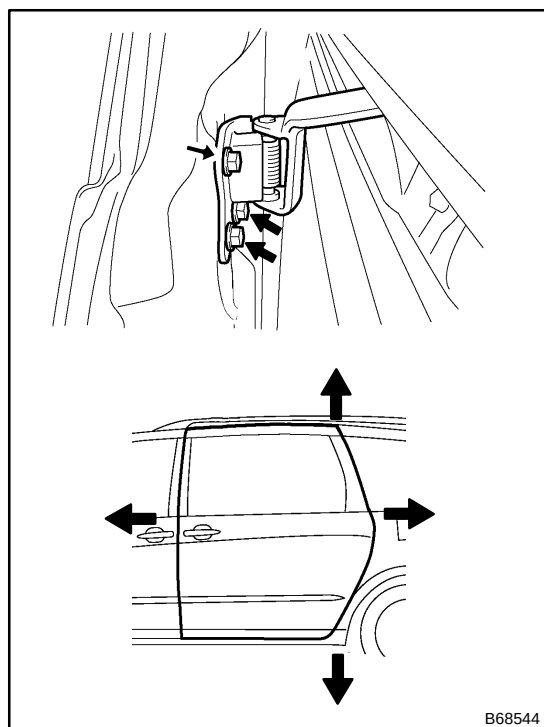
1. INSPECT SLIDE DOOR PANEL SUB-ASSY LH

- (a) Check that the clearance is within the standard range.



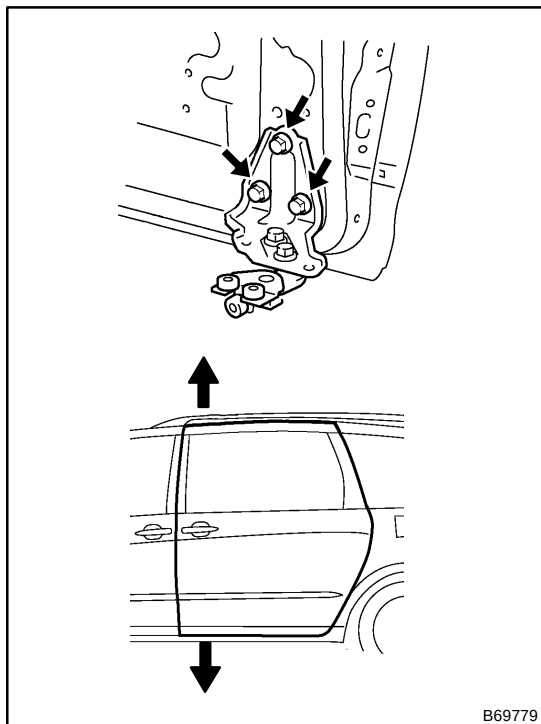
Standard:

A	$5.0 \pm 1.5 \text{ mm}$ ($0.197 \pm 0.059 \text{ in.}$)
B	$8.0 \pm 1.5 \text{ mm}$ ($0.315 \pm 0.059 \text{ in.}$)
C	$5.5 \pm 1.5 \text{ mm}$ ($0.197 \pm 0.059 \text{ in.}$)
D	$7.0 \pm 1.5 \text{ mm}$ ($0.275 \pm 0.059 \text{ in.}$)
E	$6.3 \pm 1.5 \text{ mm}$ ($0.250 \pm 0.059 \text{ in.}$)

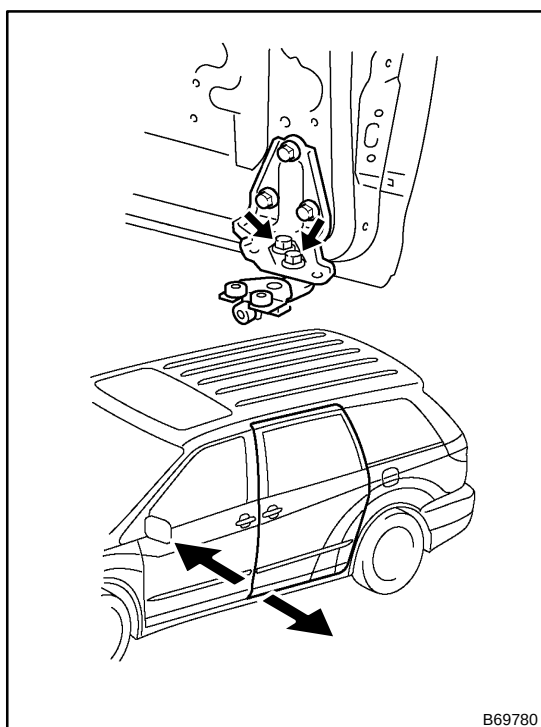


2. ADJUST SLIDE DOOR PANEL SUB-ASSY LH

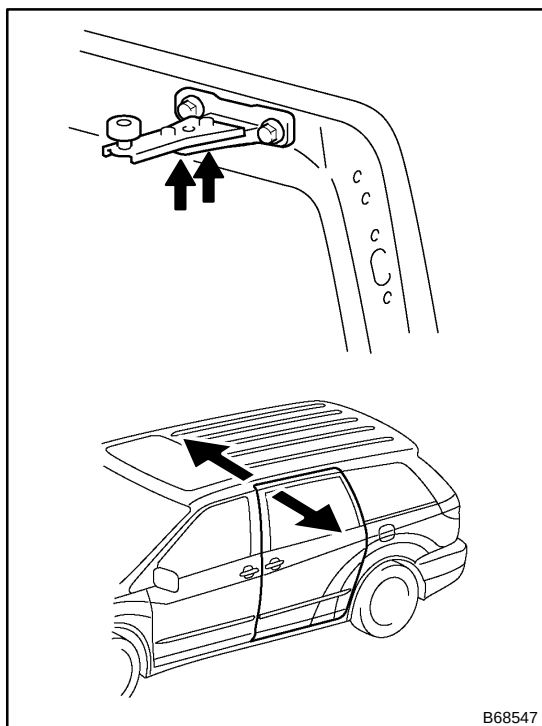
- (a) Using the SST, horizontally and vertically adjust the door by loosening the hinge center bolts.
SST 09812-00010, 09812-00020
- (b) Tighten the hinge assy center bolts after the adjustment.
Torque: 31 N·m (306 kgf·cm, 23 ft·lbf)



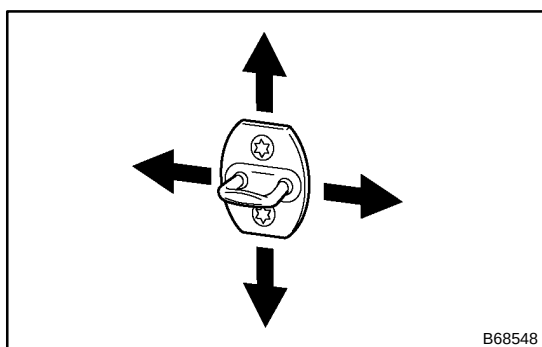
- (c) Vertically adjust the front side of the door by loosening the roller lower bolts.
- (d) Tighten the roller lower bolts after the adjustment.
Torque: 31 N·m (306 kgf·cm, 23 ft·lbf)



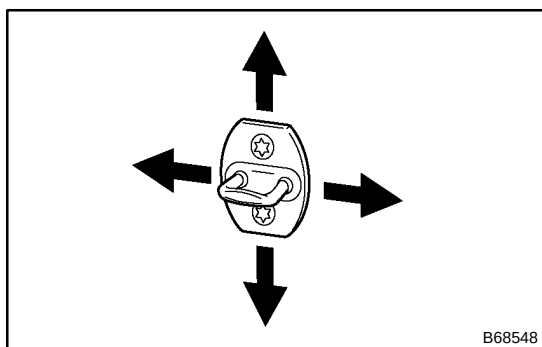
- (e) Horizontally adjust the front lower side of the door by loosening the roller lower bolts.
- (f) Tighten the roller lower bolts after the adjustment.
Torque: 31 N·m (306 kgf·cm, 23 ft·lbf)



- (g) Horizontally adjust the front upper side of the door by loosening the roller upper bolts.
- (h) Tighten the roller assy lower bolts after the adjustment.
Torque: 8.5 N·m (82 kgf·cm, 73 in·lbf)



- (i) Adjust the position of the door lock striker by slightly loosening the striker mounting screws and hitting the striker with a plastic-faced hammer.
- (j) Tighten the striker mounting screws after the adjustment.
Torque: 23 N·m (235 kgf·cm, 17 ft·lbf)



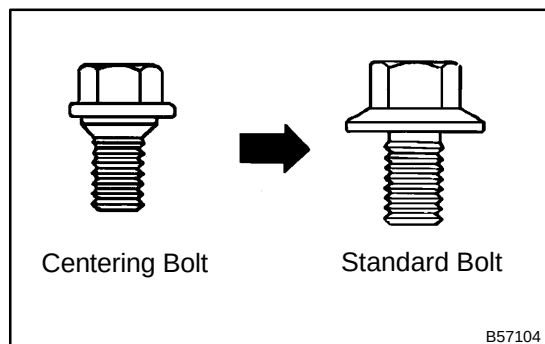
- (k) Adjust the position of the front lock striker by slightly loosening the striker mounting screws and hitting the striker with a plastic-faced hammer.
- (l) Tighten the striker mounting screws after the adjustment.
Torque: 23 N·m (235 kgf·cm, 17 ft·lbf)

- (m) Adjust the position of the down stopper by moving the male stopper, so that the male stopper can enter smoothly.
- (n) Tighten the female stopper mounting bolts after the adjustment.
Torque: 5.5 N·m (58 kgf·cm, 49 in·lbf)

ADJUSTMENT

HINT:

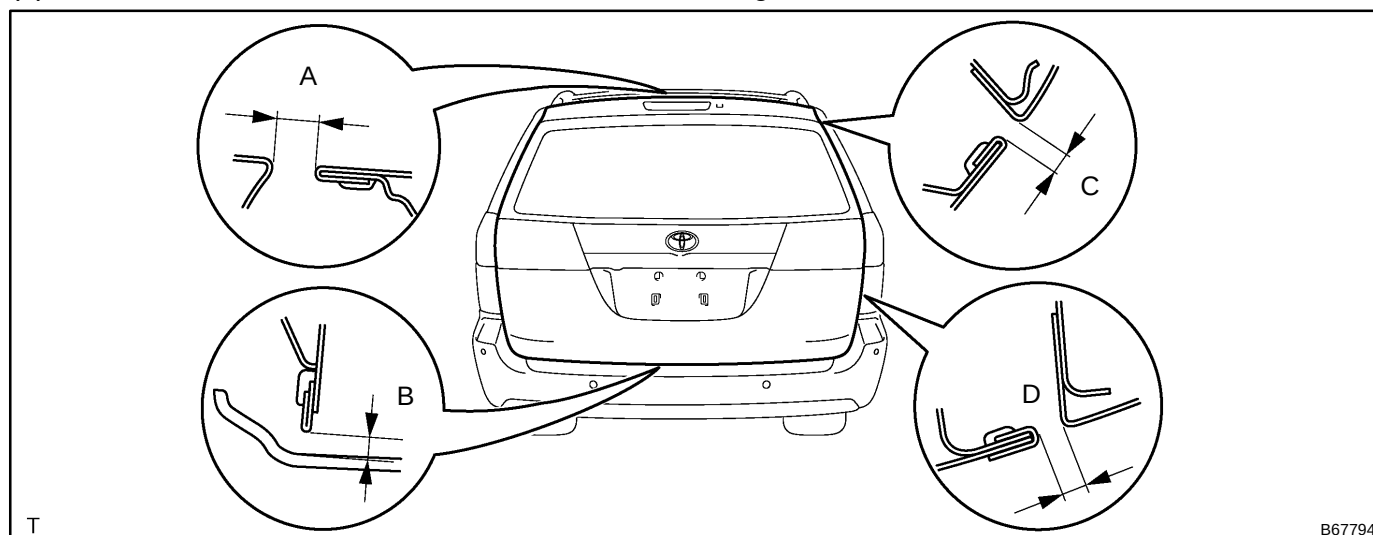
- On the RH side, use the same procedures as on the LH side.



- Since a centering bolt is used as door hinge mounting bolts on the body side and the door side, the door can not be adjusted with them on. Substitute a bolt with a washer for the centering bolt.

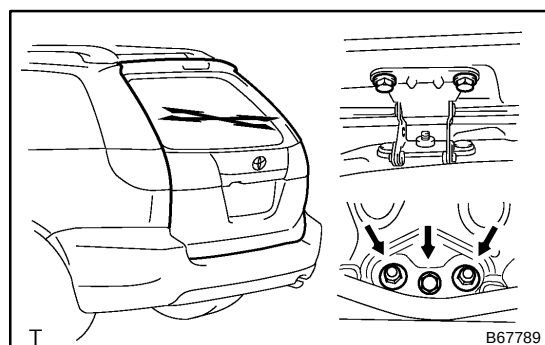
1. INSPECT BACK DOOR PANEL SUB-ASSY

- (a) Check that the clearance is within the standard range.



Standard:

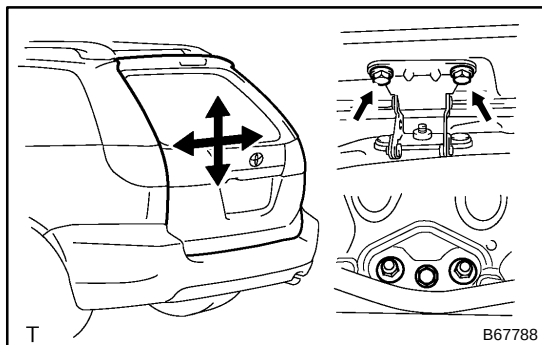
A	$10.6 \pm 1.5 \text{ mm}$ ($0.417 \pm 0.059 \text{ in.}$)
B	$7.0 \pm 1.5 \text{ mm}$ ($0.276 \pm 0.059 \text{ in.}$)
C	$6.0 \pm 1.5 \text{ mm}$ ($0.236 \pm 0.059 \text{ in.}$)
D	$5.7 \pm 1.5 \text{ mm}$ ($0.224 \pm 0.059 \text{ in.}$)



2. ADJUST BACK DOOR PANEL SUB-ASSY

- (a) Adjust the door forward/rearward and vertically by loosening the body side hinge nuts and bolt.
- (b) Tighten the body side hinge nuts and bolt after the adjustment.

Torque: 26 N·m (265 kgf·cm, 19 ft·lbf)

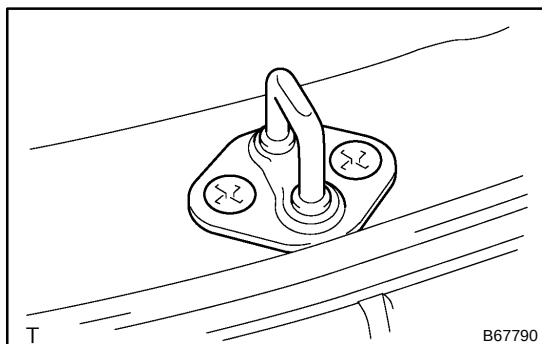


- (c) Horizontally and vertically adjust the door by loosening the door side hinge bolts.
- (d) Tighten the body side hinge bolts after the adjustment.
Torque: 26 N·m (265 kgf·cm, 19 ft·lbf)

(e) Using a screwdriver, remove the back door scuff plate. (See page [76-27](#))

HINT:

Tape the screwdriver tip before use.



- (f) Adjust the striker position by slightly loosening the striker mounting screws and hitting the striker with a plastic-faced hammer.
- (g) Tighten the striker mounting screws after the adjustment.
Torque: 23 N·m (235 kgf·cm, 17 ft·lbf)

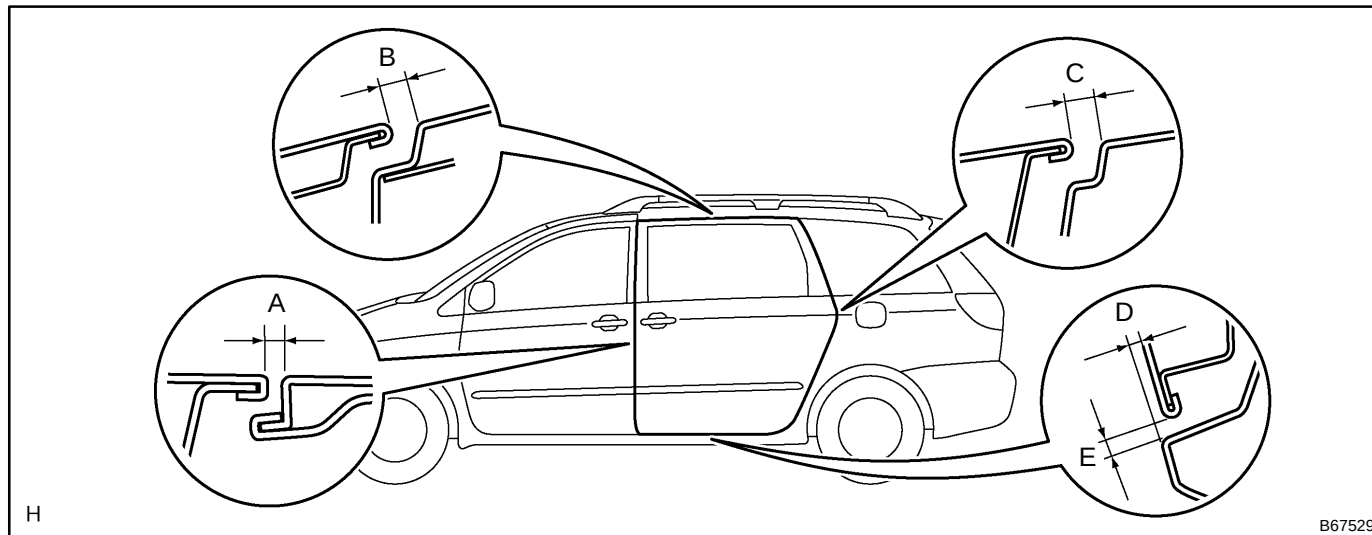
ADJUSTMENT

HINT:

On the RH side, use the same procedures as on the LH side.

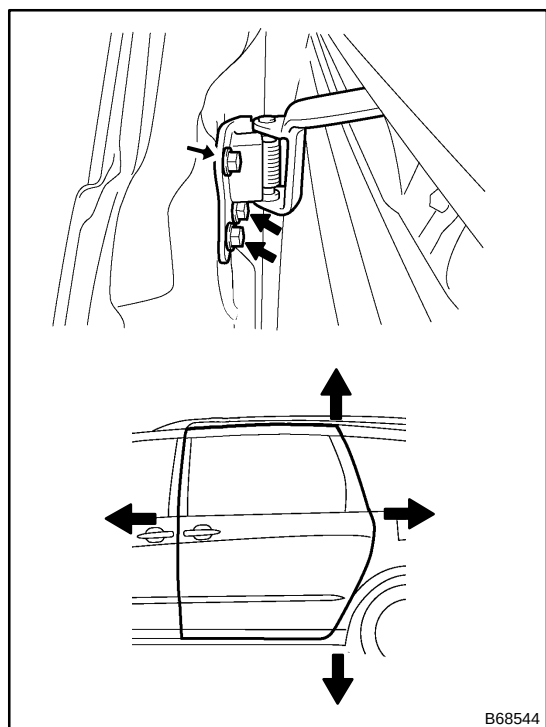
1. INSPECT SLIDE DOOR PANEL SUB-ASSY LH

- (a) Check that the clearance is within the standard range.



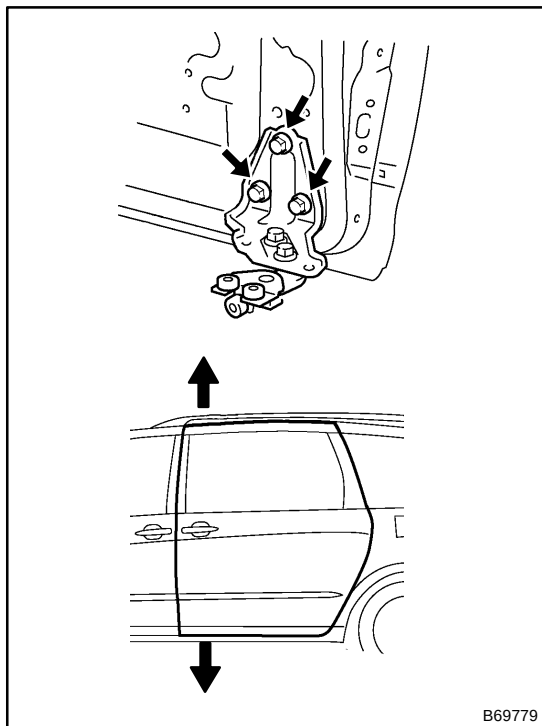
Standard:

A	5.0 ± 1.5 mm (0.197 ± 0.059 in.)
B	8.0 ± 1.5 mm (0.315 ± 0.059 in.)
C	5.5 ± 1.5 mm (0.197 ± 0.059 in.)
D	7.0 ± 1.5 mm (0.275 ± 0.059 in.)
E	6.3 ± 1.5 mm (0.250 ± 0.059 in.)

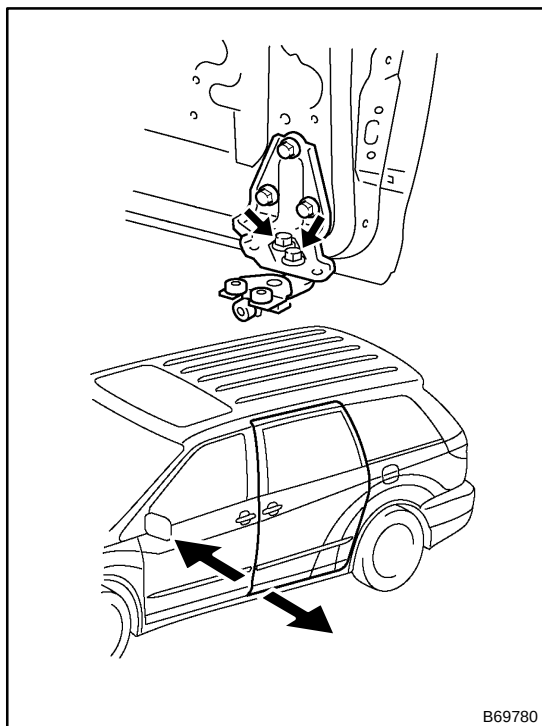


2. ADJUST SLIDE DOOR PANEL SUB-ASSY LH

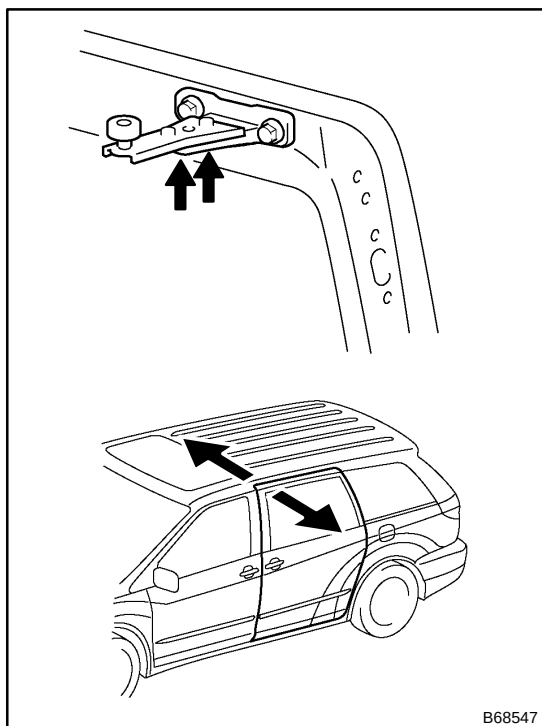
- (a) Using the SST, horizontally and vertically adjust the door by loosening the hinge center bolts.
SST 09812-00010, 09812-00020
- (b) Tighten the hinge center bolts after the adjustment.
Torque: 31 N·m (306 kgf·cm, 23 ft·lbf)



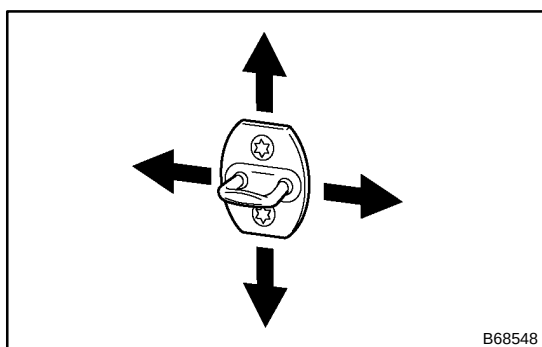
- (c) Vertically adjust the front side of the door by loosening the roller lower bolts.
- (d) Tighten the roller lower bolts after the adjustment.
Torque: 31 N·m (306 kgf·cm, 23 ft·lbf)



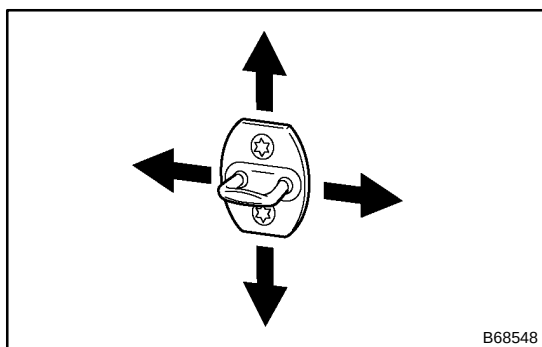
- (e) Horizontally adjust the front lower side of the door by loosening the roller lower bolts.
- (f) Tighten the roller lower bolts after the adjustment.
Torque: 31 N·m (306 kgf·cm, 23 ft·lbf)



- (g) Horizontally adjust the front upper side of the door by loosening the roller upper bolts.
- (h) Tighten the roller lower bolts after the adjustment.
Torque: 8.5 N·m (82 kgf·cm, 73 in.-lbf)



- (i) Adjust the position the door lock striker by slightly loosening the striker mounting screws and hitting the striker with a plastic-faced hammer.
- (j) Tighten the striker mounting screws after the adjustment.
Torque: 23 N·m (235 kgf·cm, 17 ft.-lbf)



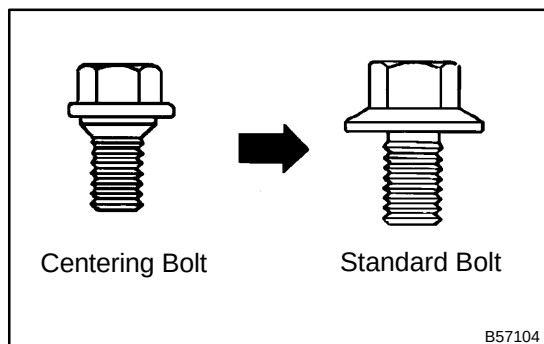
- (k) Adjust the position the front lock striker by slightly loosening the striker mounting screws and hitting the striker with a plastic-faced hammer.
- (l) Tighten the striker mounting screws after the adjustment.
Torque: 23 N·m (235 kgf·cm, 17 ft.-lbf)

- (m) Adjust the position of the down stopper by moving the male stopper, so that the male stopper can enter smoothly.
- (n) Tighten the female stopper mounting bolts after the adjustment.
Torque: 5.5 N·m (58 kgf·cm, 49 in.-lbf)

ADJUSTMENT

HINT:

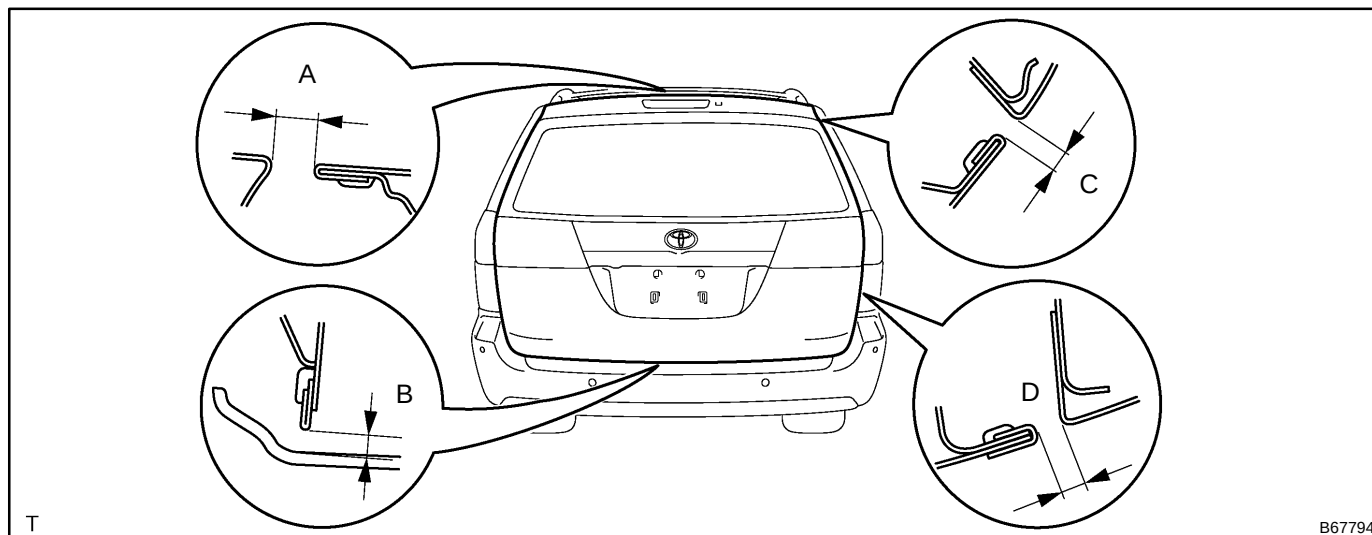
- On the RH side, use the same procedures as on the LH side.



- Since a centering bolt is used as door hinge mounting bolts on the body side and the door side, the door can not be adjusted with them on. Substitute a bolt with a washer for the centering bolt.

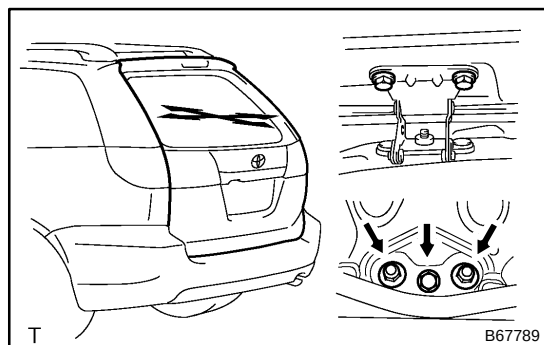
1. INSPECT BACK DOOR PANEL SUB-ASSY

- (a) Check that the clearance is within the standard range.



Standard:

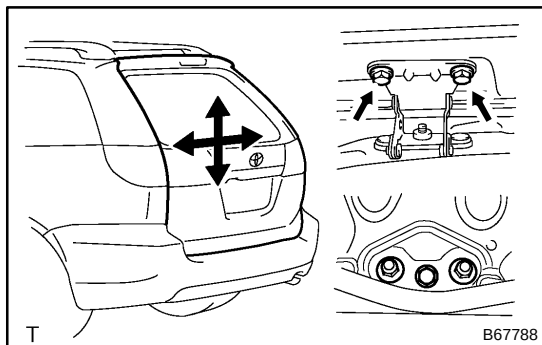
A	10.6 ± 1.5 mm (0.417 ± 0.059 in.)
B	7.0 ± 1.5 mm (0.276 ± 0.059 in.)
C	6.0 ± 1.5 mm (0.236 ± 0.059 in.)
D	5.7 ± 1.5 mm (0.224 ± 0.059 in.)



2. ADJUST BACK DOOR PANEL SUB-ASSY

- (a) Adjust the door forward/rearward and vertically by loosening the body side hinge nuts and bolt.
- (b) Tighten the body side hinge nuts and bolt after the adjustment.

Torque: 26 N·m (265 kgf·cm, 19 ft·lbf)

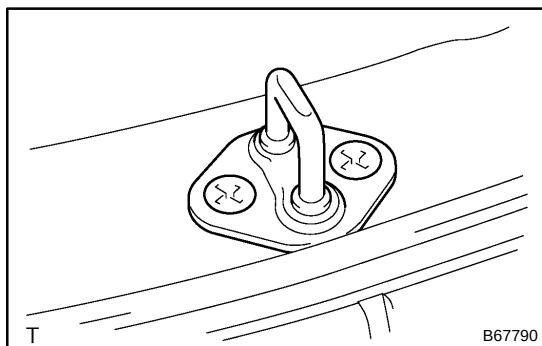


- (c) Horizontally and vertically adjust the door by loosening the door side hinge bolts.
- (d) Tighten the body side hinge bolts after the adjustment.
Torque: 26 N·m (265 kgf·cm, 19 ft·lbf)

(e) Using a screwdriver, remove the back door scuff plate (See page [76-27](#)).

HINT:

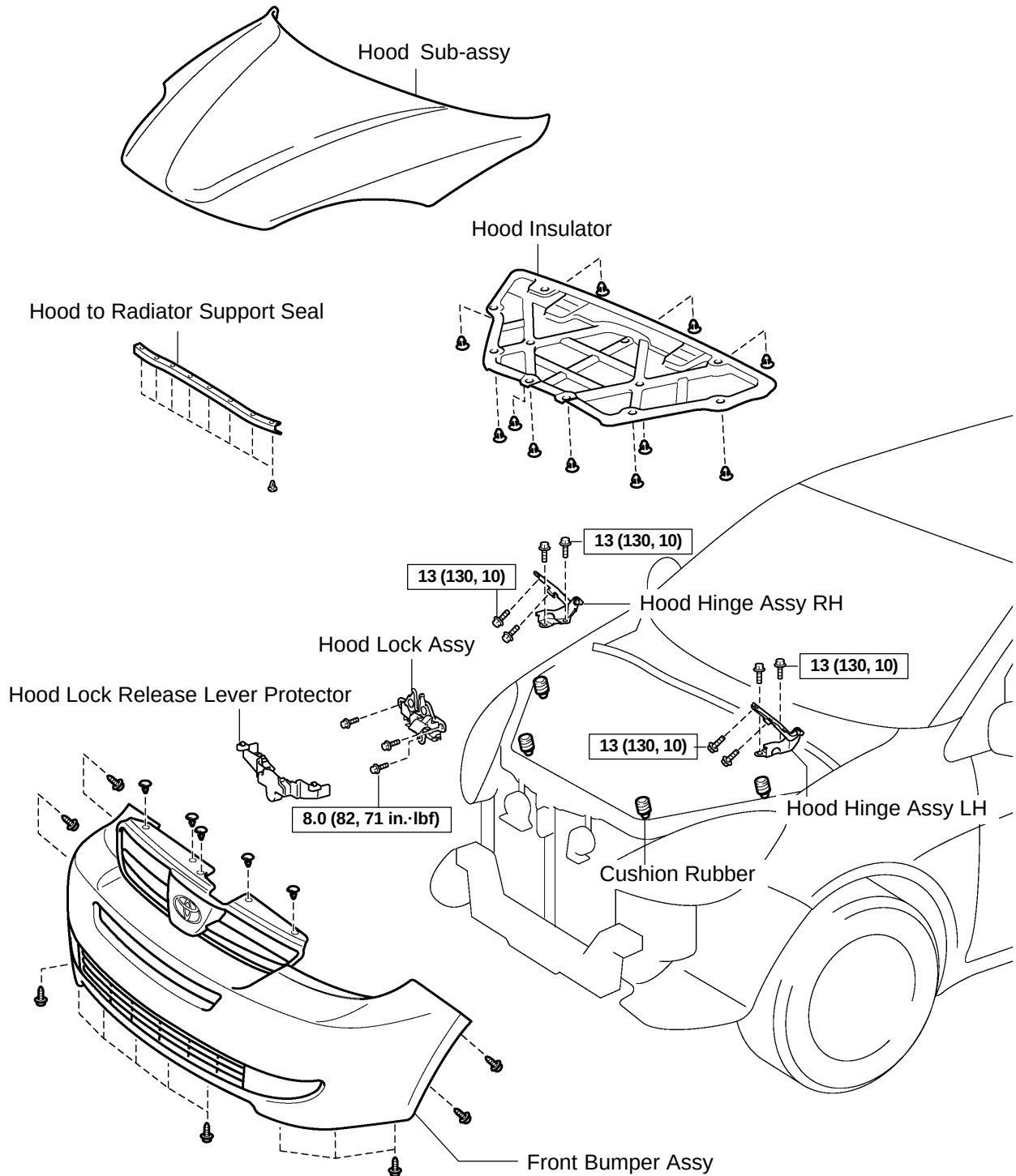
Tape the screwdriver tip before use.



- (f) Adjust the striker position by slightly loosening the striker mounting screws and hitting the striker with a plastic-faced hammer.
- (g) Tighten the striker mounting screws after the adjustment.
Torque: 23 N·m (235 kgf·cm, 17 ft·lbf)

HOOD COMPONENTS

750LS-01

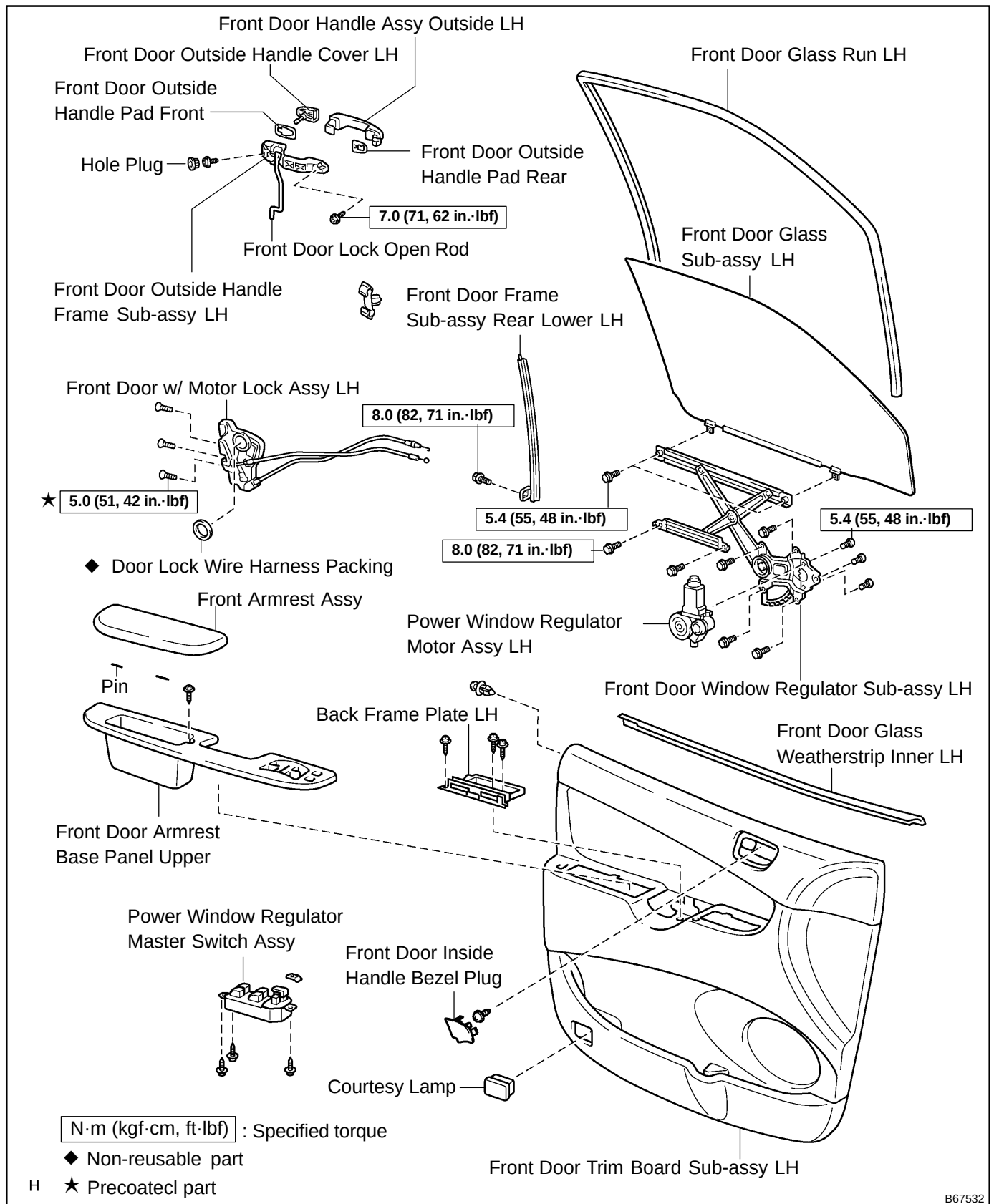


H N·m (kgf·cm, ft·lbf) : Specified torque

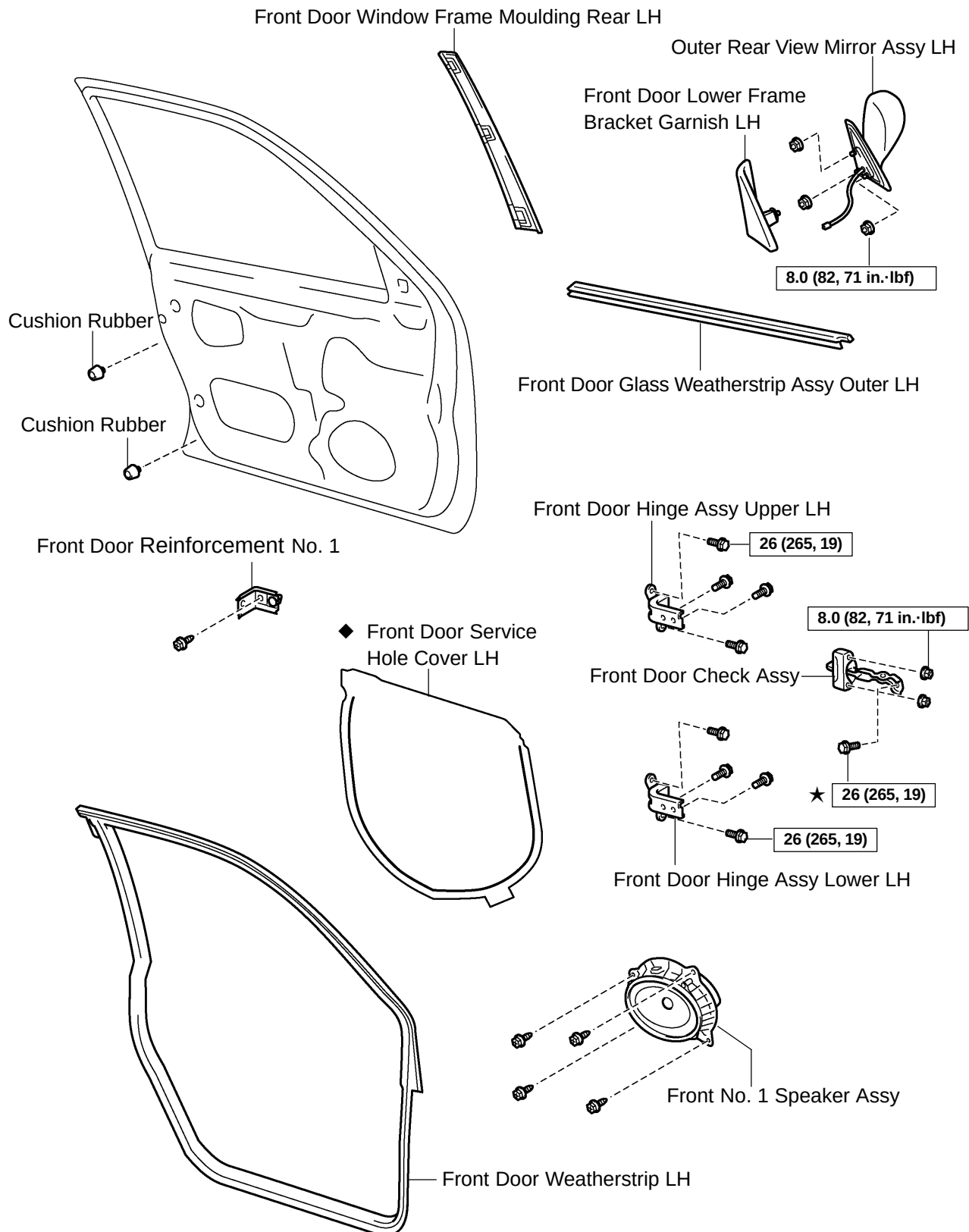
B67476

FRONT DOOR COMPONENTS

750LU-02



B67532



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

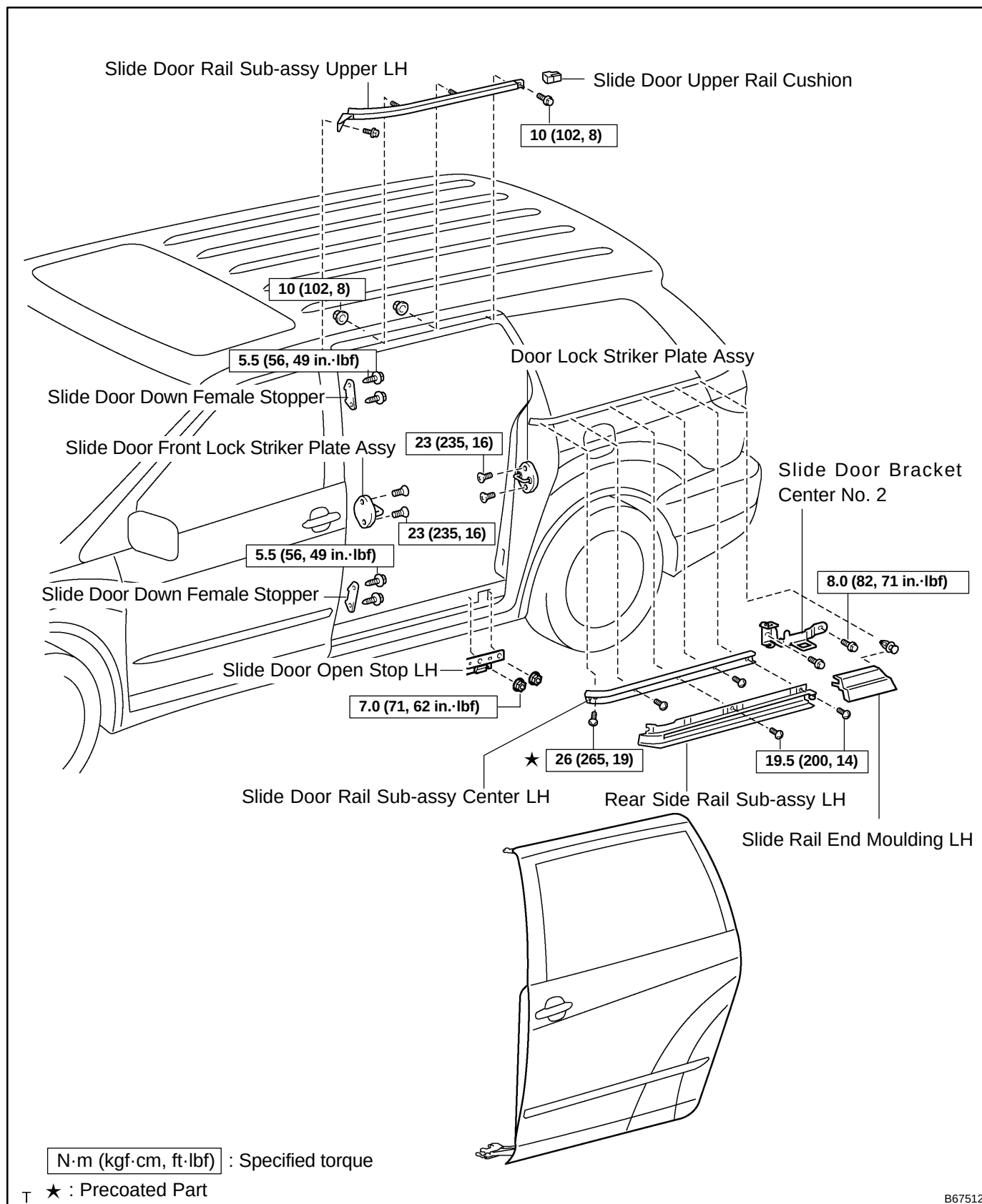
◆ Non-reusable part

H ★ Precoated part

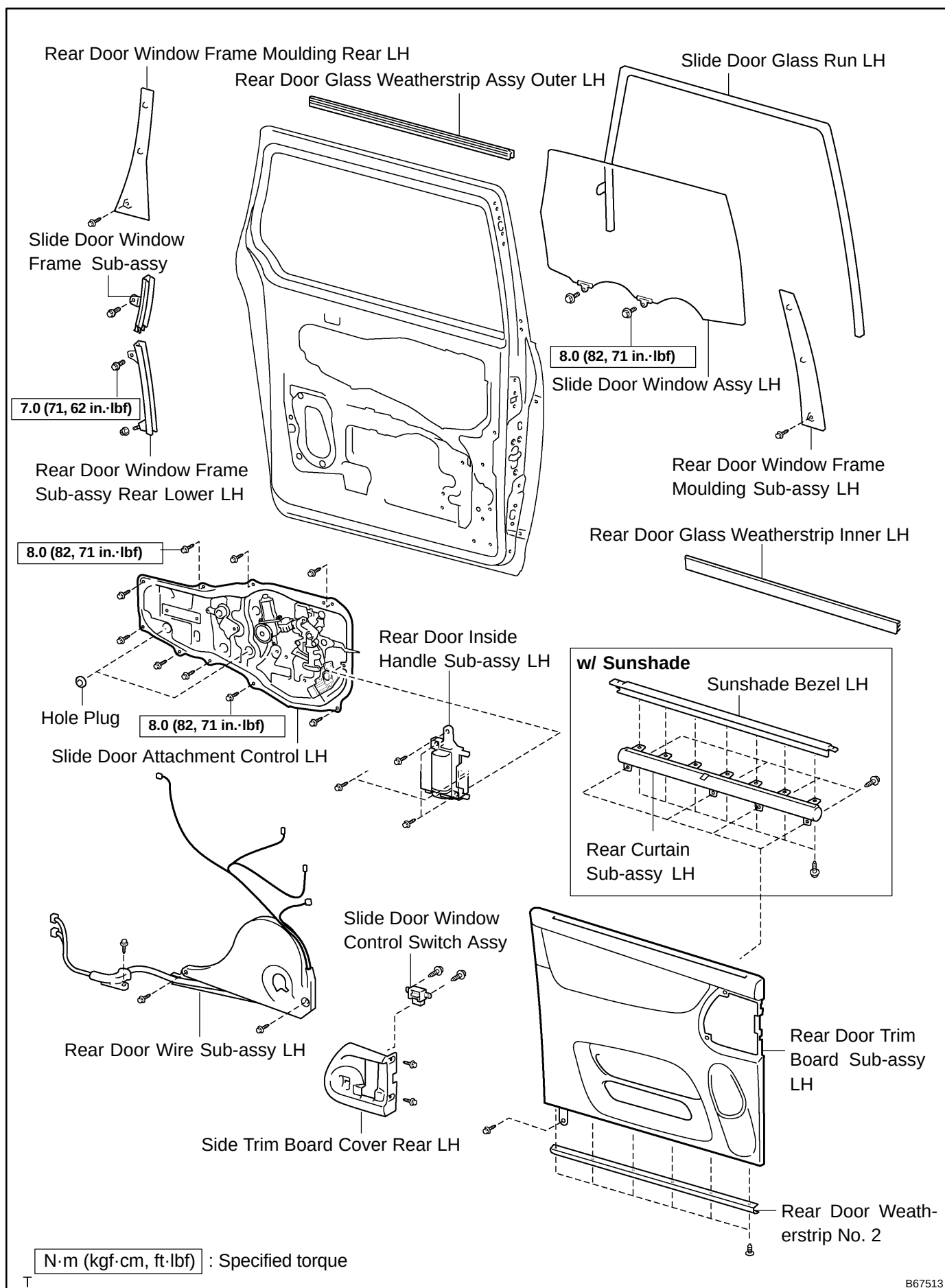
B68297

SLIDE DOOR COMPONENTS

750LX-02

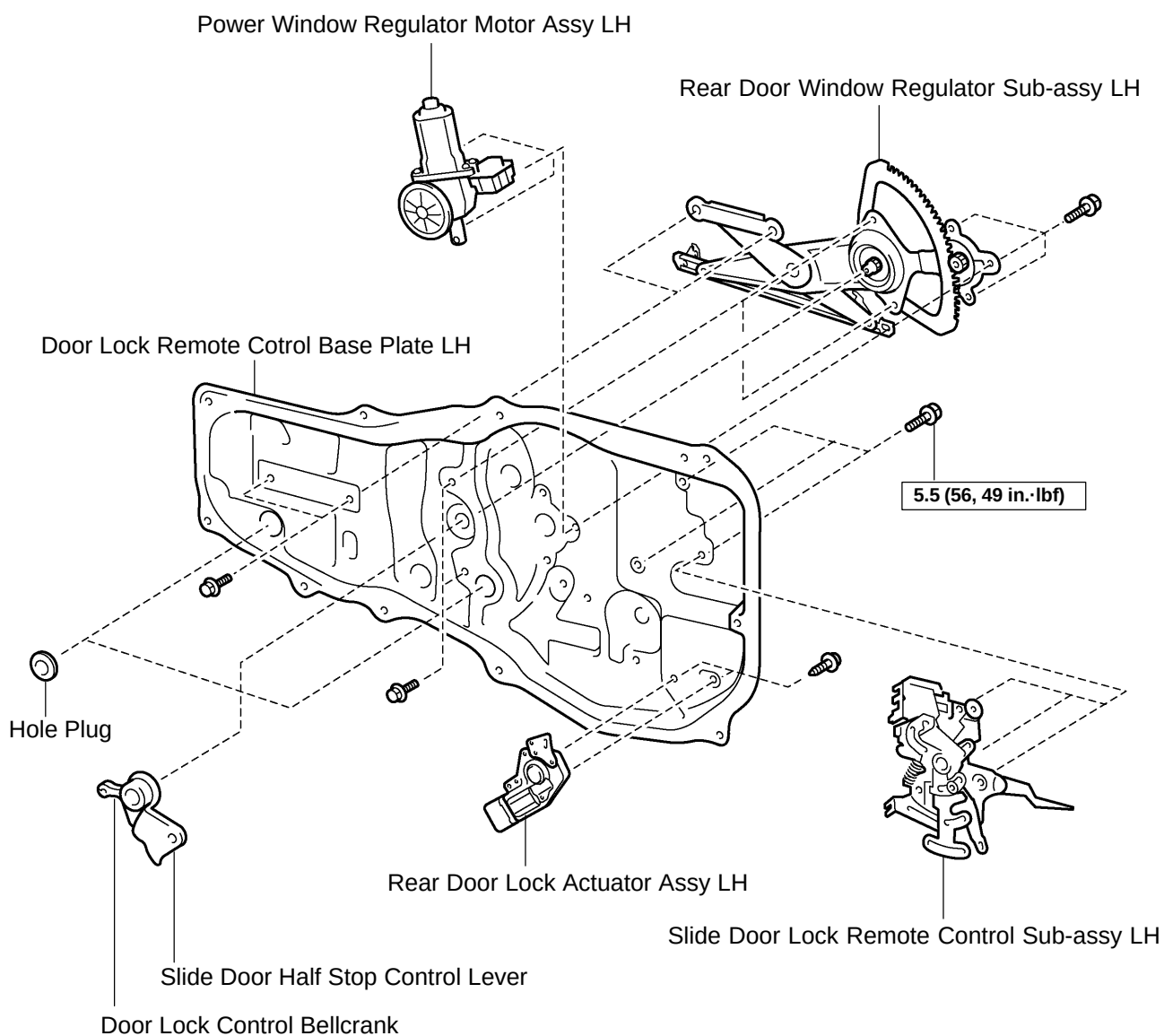


B67512



B67513

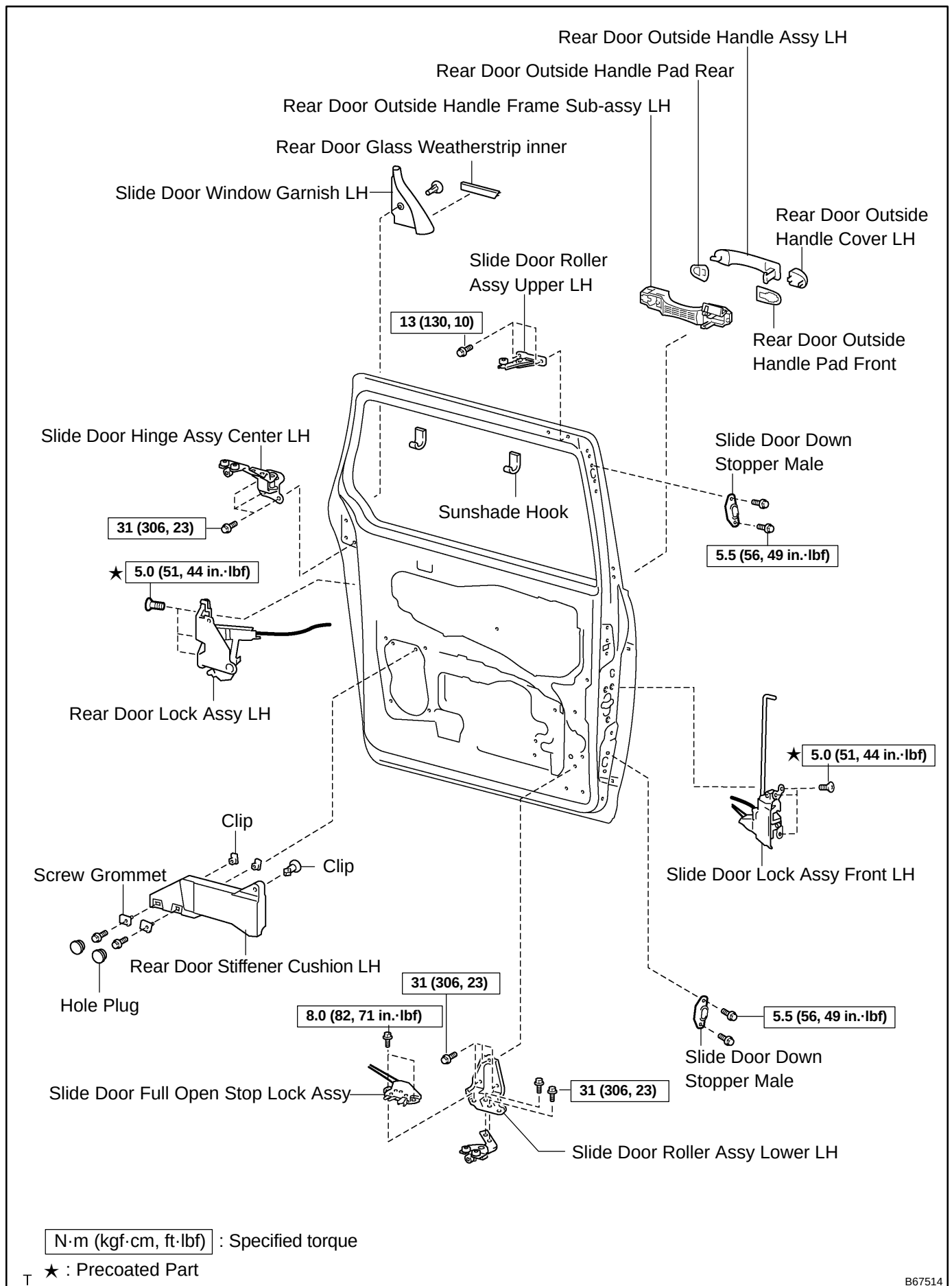
Slide Door Attachment Control LH



T

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

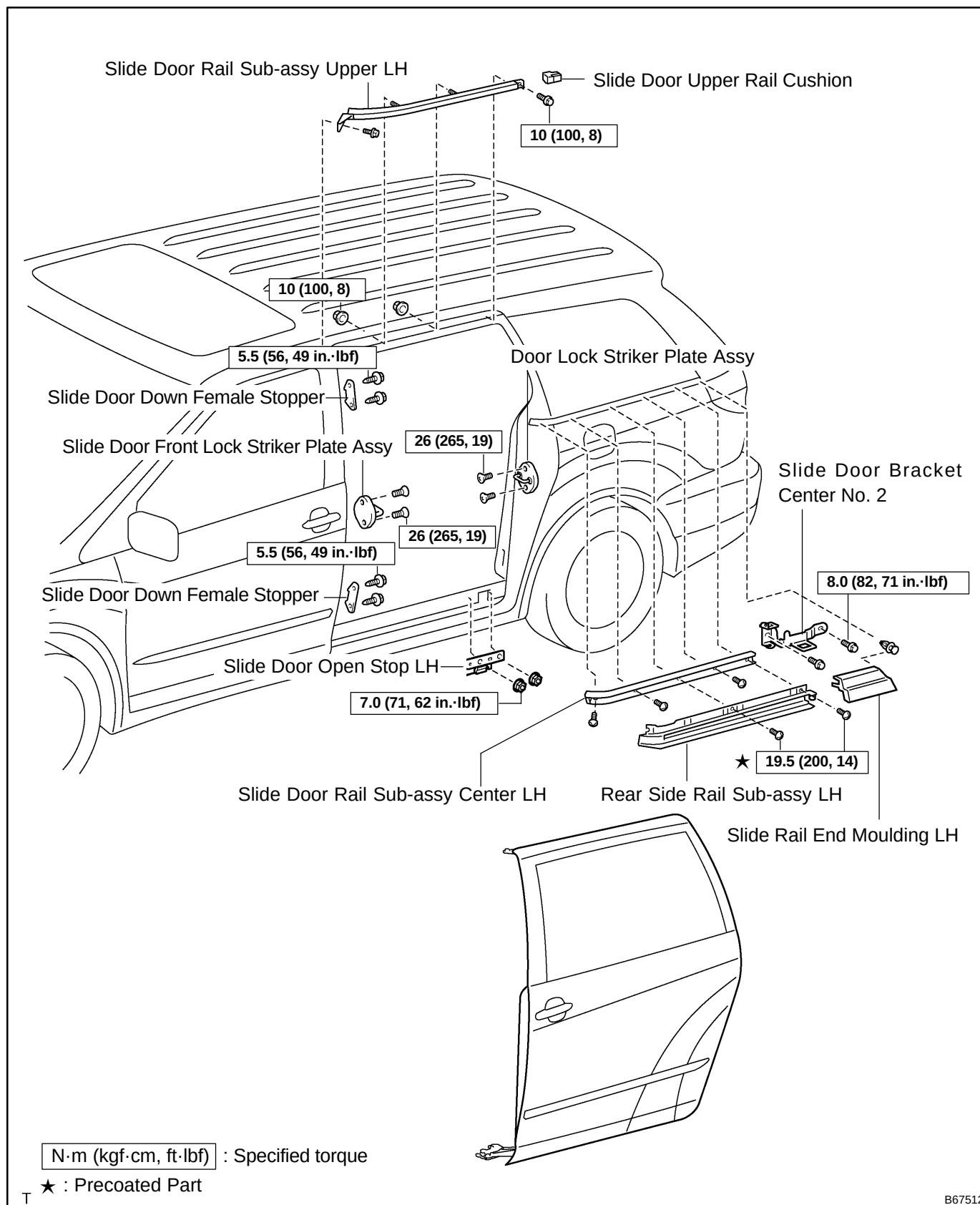
B68934



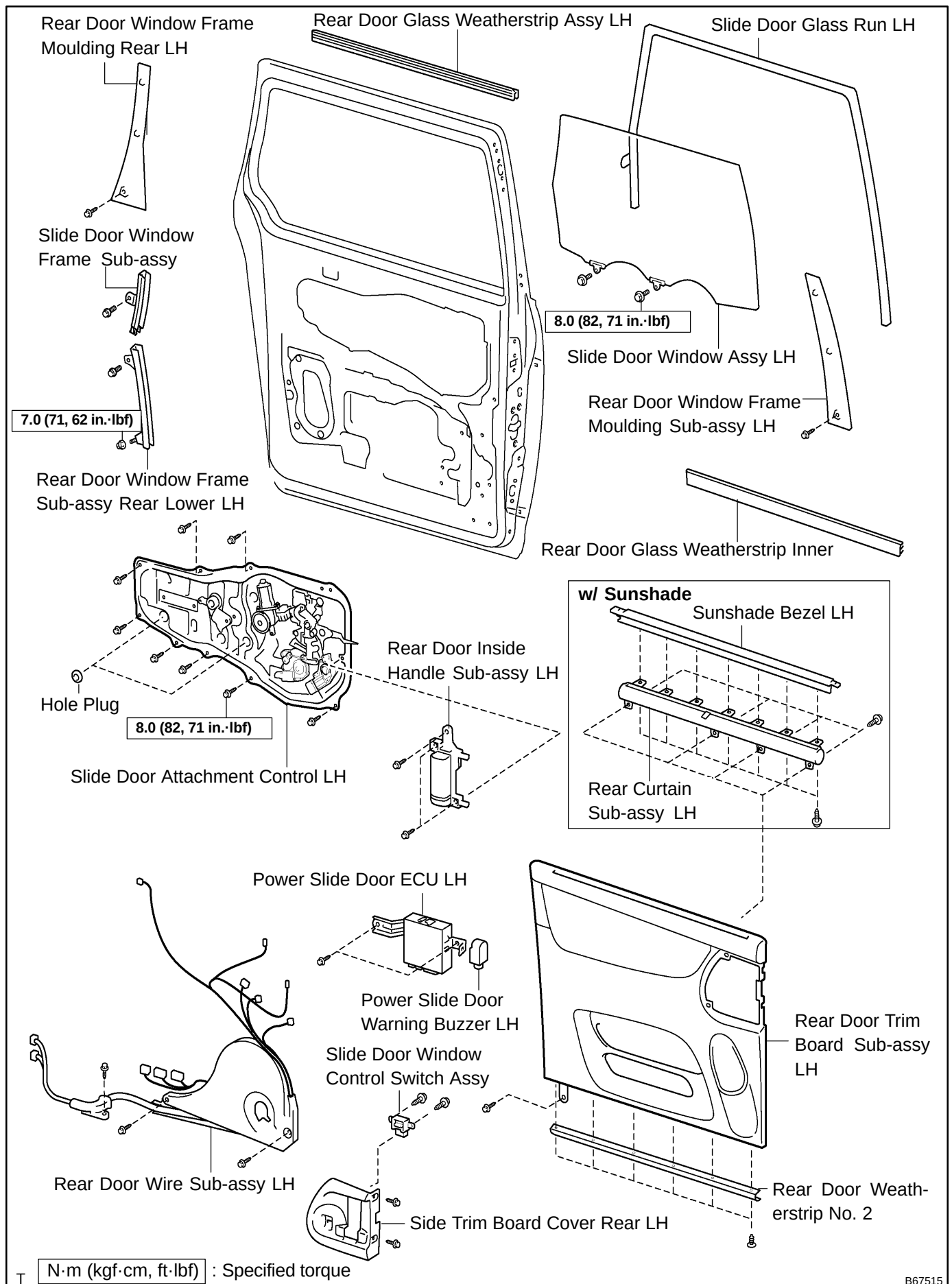
B67514

POWER SLIDE DOOR COMPONENTS

750M0-02

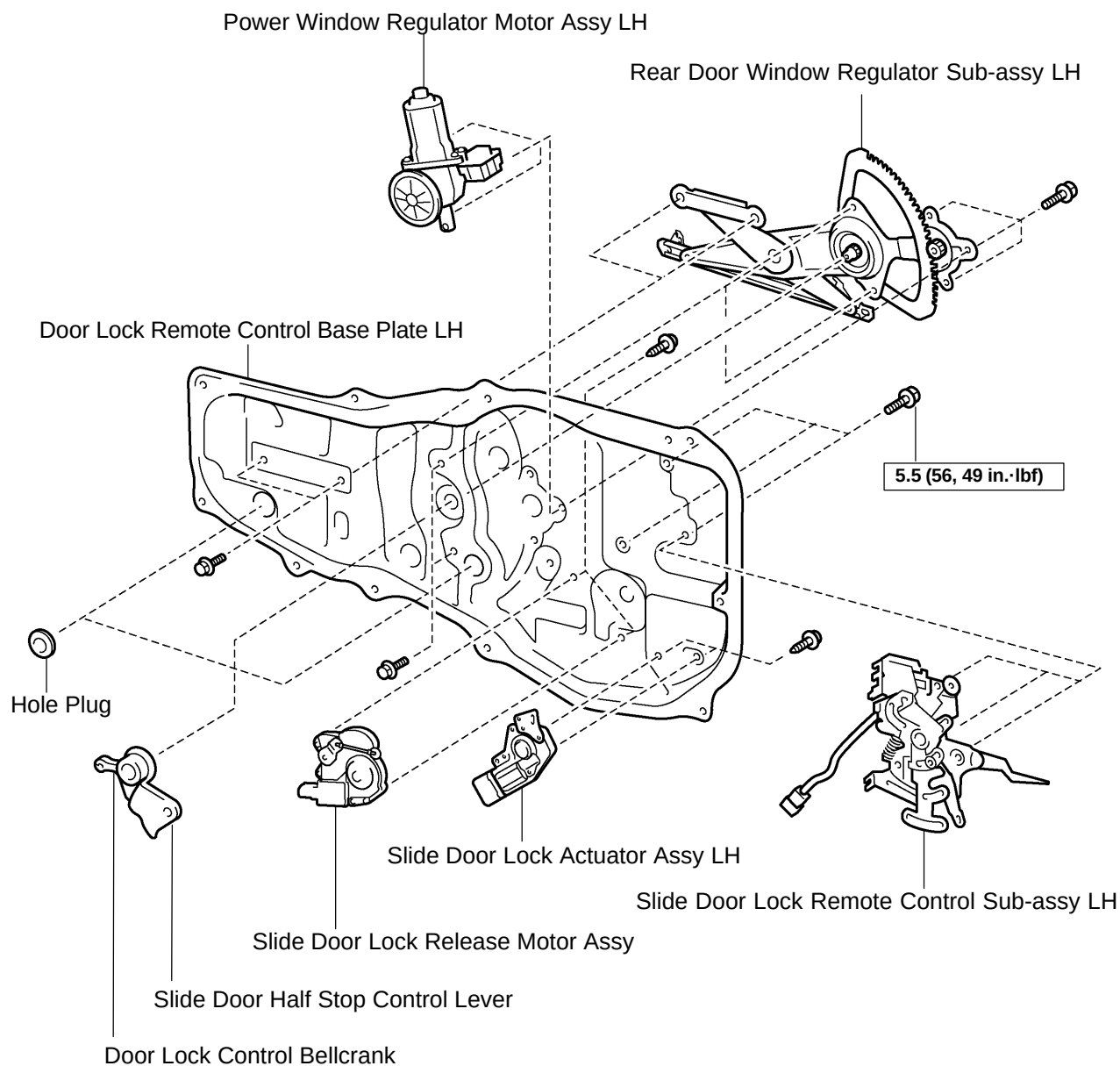


B67512



B67515

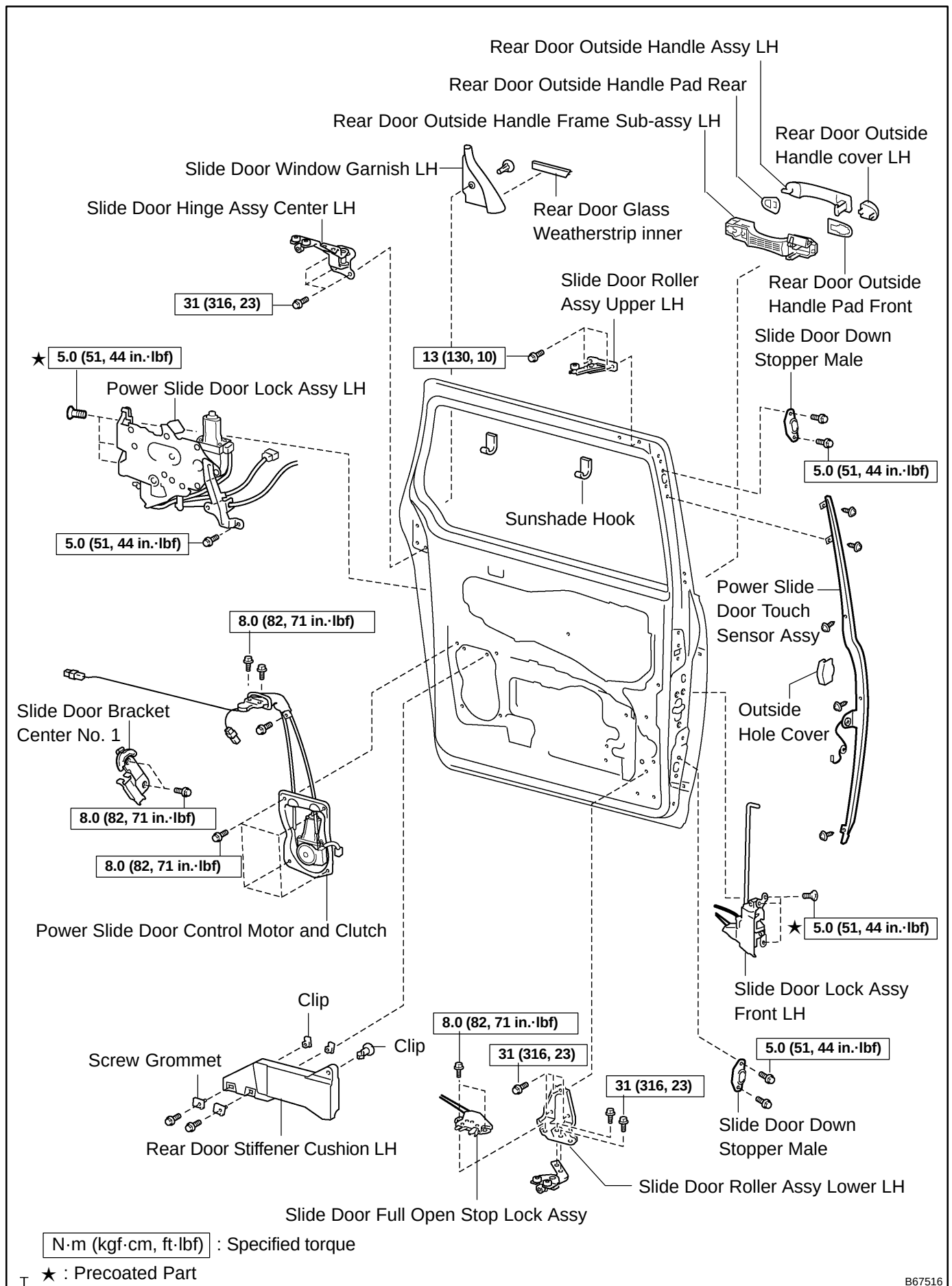
Slide Door Attachment Control LH



T

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

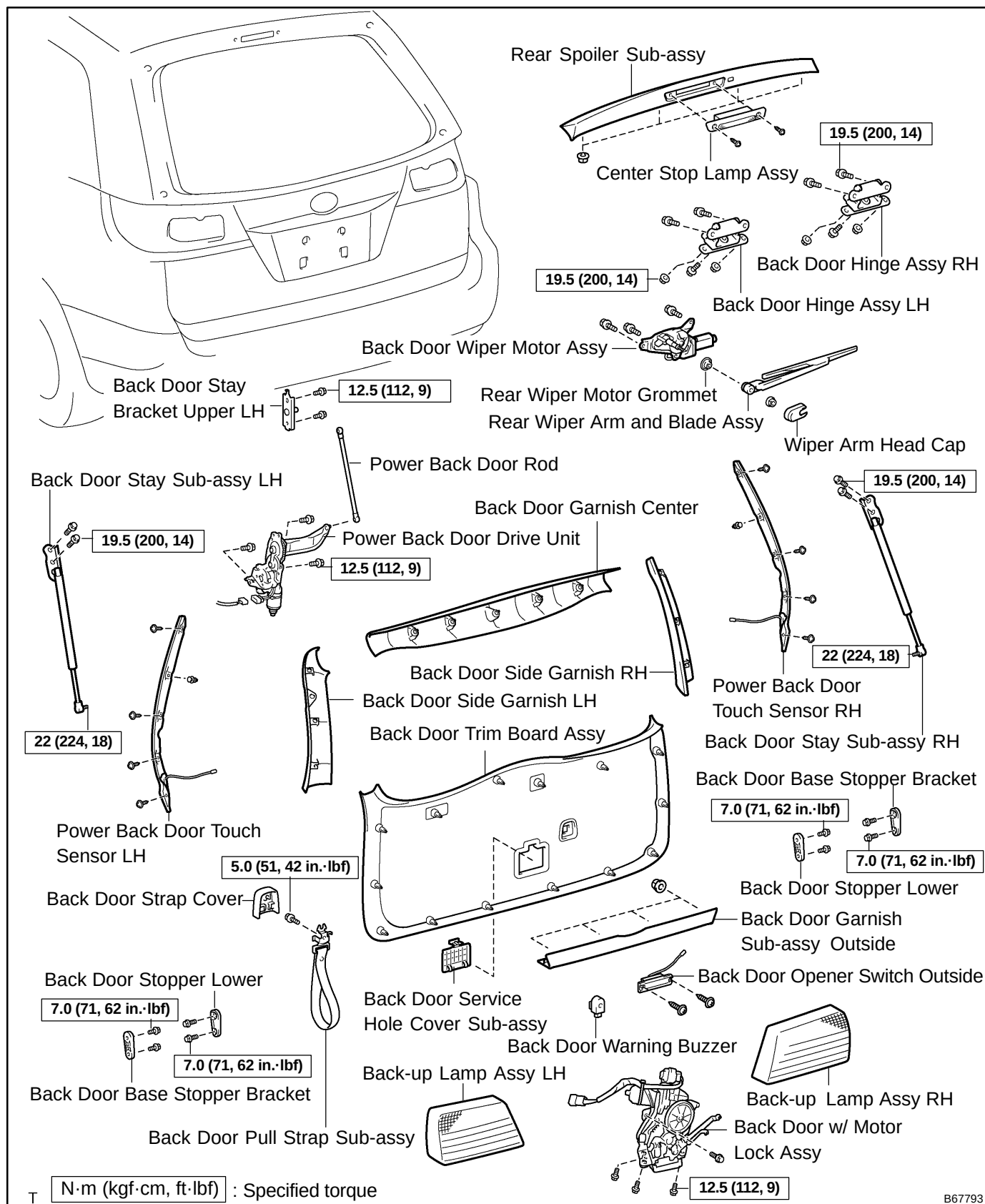
B68935



B67516

POWER BACK DOOR COMPONENTS

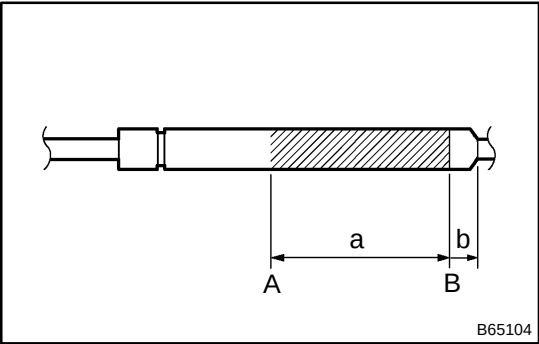
750M6-01



B67793

DISPOSAL

HINT:
On the RH side, use the same procedures as on the LH side.



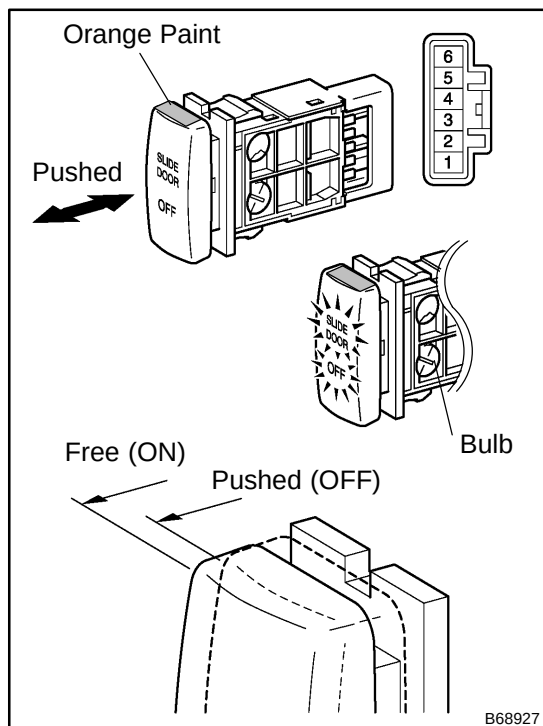
1. **DISPOSE OF BACK DOOR STAY SUB-ASSY LH**
- (a) Horizontally fix the stay in a vise with the piston-rod pulled out.
 - (b) Wearing safety glasses, gradually cut a part between A and B as shown in the illustration using a metal saw to gradually release the gas.

Dimensions:

a	80 mm (3.15 in.)
b	20 mm (0.80 in.)

NOTICE:
Although the gas inside the damper stay is colorless, odorless and harmless, there is a possibility that metal debris from cutting could enter the assy. Therefore, cover it with cloth or something similar.

INSPECTION



1. INSPECT POWER SLIDE DOOR MAIN SWITCH

- (a) Inspect the resistance of the switch.

Standard:

Terminal No.	Condition	Specified Condition
4 - 5	Free (ON)	Below 1 Ω
	Pushed (OFF)	10 k Ω or higher

If the result is not as specified, replace the switch.

- (b) Apply battery voltage and check the illuminates.

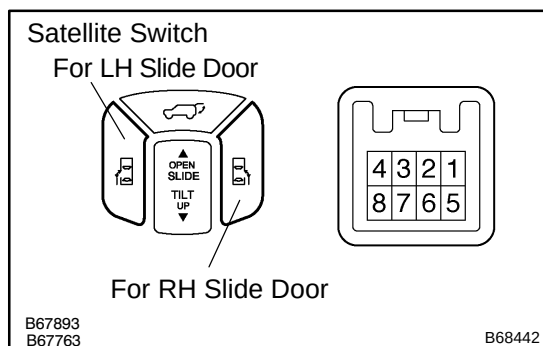
Standard:

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 1 Battery negative (-) → Terminal 2	Illuminates

HINT:

Whether the switch illuminates or not will not affect the function of the LH side.

If the result is not as specified, replace the bulb.



2. INSPECT SATELLITE SWITCH

- (a) Check the resistance of the switch for the LH/RH door.

Standard:

Terminal No.	Condition	Specified Condition
1 - 5 (LH)	Free (OFF)	10 k Ω or higher
4 - 5 (RH)	Pushed (ON)	Below 1 Ω

If the result is not as specified, replace the switch.

- (b) Apply battery voltage and check the whether the switch illuminates.

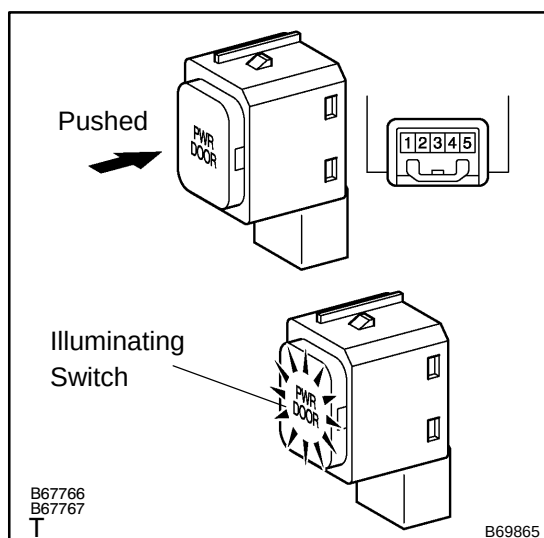
Standard:

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 8 Battery negative (-) → Terminal 7	Illuminates

HINT:

Whether the switch illuminates or not will not affect the function of the RH side.

If the result is not as specified, replace the bulb.



3. INSPECT POWER SLIDE DOOR CONTROL SWITCH

- (a) Inspect the resistance of the switch for LH/RH.

Standard:

Terminal No.	Condition	Specified Condition
1 - 5	Free (OFF)	10 kΩ or higher
	Pushed (ON)	Below 1 Ω

If the result is not as specified, replace the switch.

- (b) Apply battery voltage and check the illuminates.

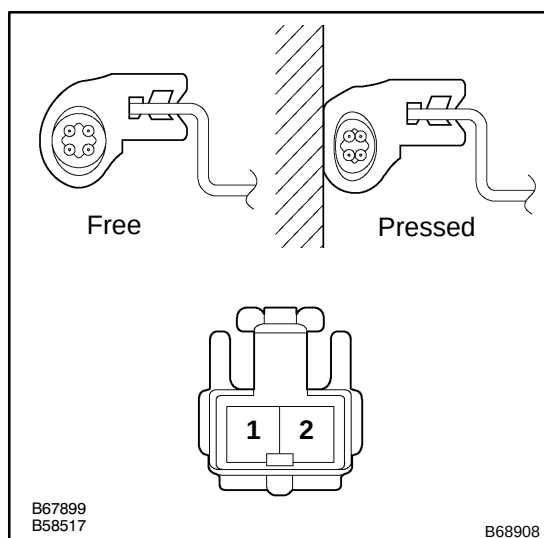
Standard:

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 4 Battery negative (-) → Terminal 2	Illuminates

If the result is not as specified, replace the bulb.

HINT:

Whether the switch illuminates or not will not affect the function of the LH side.



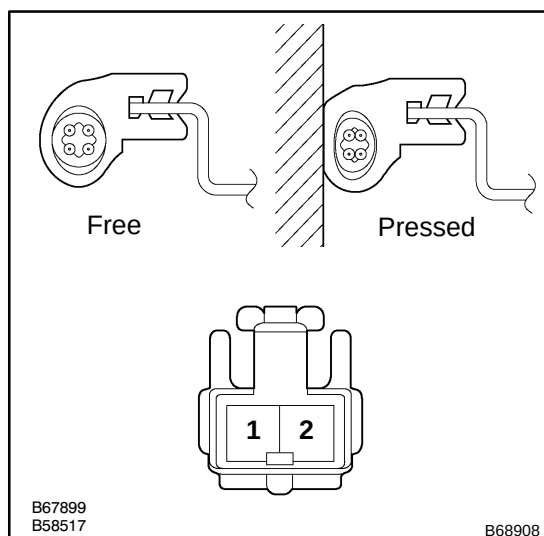
4. INSPECT POWER SLIDE DOOR TOUCH SENSOR LH

- (a) Check the resistance of the sensor.

Standard:

Terminal No.	Condition	Specified condition
1 - 2	Free	Approx. 1 kΩ
	Pressed	Below 100 Ω

If the result is not as specified, replace the sensor.



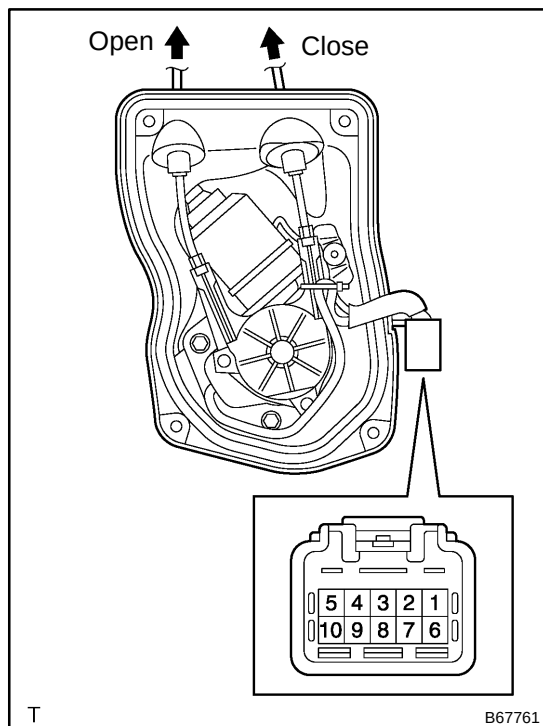
5. INSPECT POWER SLIDE DOOR TOUCH SENSOR RH

- (a) Check the resistance of the sensor.

Standard:

Terminal No.	Condition	Specified condition
1 - 2	Free	Approx. 1 kΩ
	Pressed	Below 100 Ω

If the result is not as specified, replace the sensor.



6. INSPECT POWER SLIDE DOOR CONTROL MOTOR AND CLUTCH LH

- Remove the motor and clutch.
- Connect the battery positive (+) lead to terminal 3 and the battery negative (-) lead to terminal 2.
- Apply battery voltage to the terminals and check the motor operation.

Standard:

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 8 Battery negative (-) → Terminal 7	Open
Battery positive (+) → Terminal 7 Battery negative (-) → Terminal 8	Closed

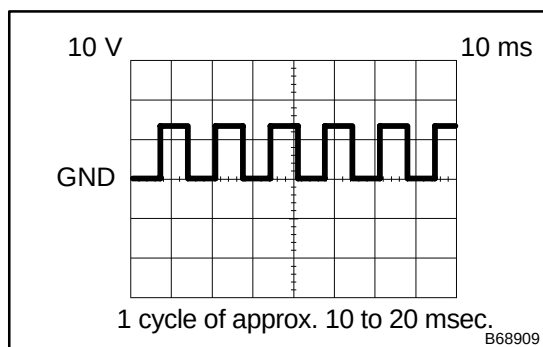
If the result is not as specified, replace the motor and clutch.

- Check the resistance of the terminals.

Standard:

Terminal No.	Specified Condition
2 - 3	4.0 Ω

If the result is not as specified, replace the motor and clutch.



- Reinstall the motor and clutch with the connector connected.

- Check the pulse of the pulse sensor.
 - Using an oscilloscope, check the pulse generated when the door is manually opened and closed.

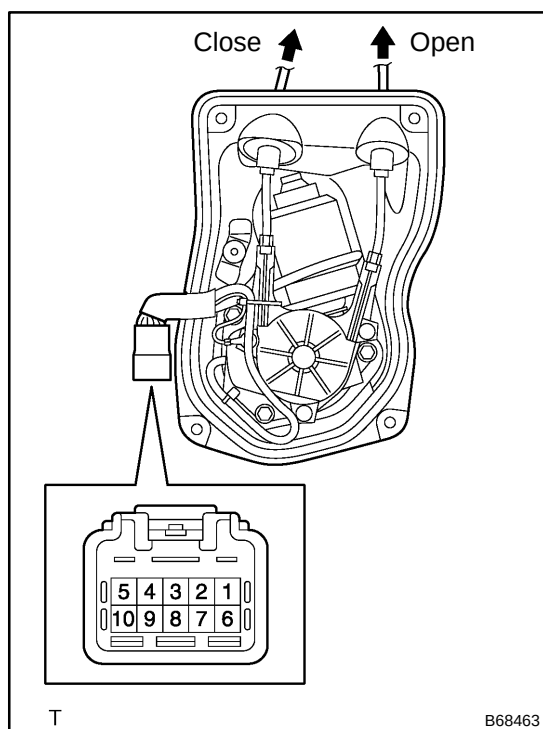
Standard (Reference):

Terminal	5 - 9, 9 - 10
Tool setting	10 V/DIV., 10 ms/DIV.
Vehicle condition	Door moving

If the result is not as specified, replace the motor and clutch.

HINT:

The cycle of the pulse changes between approx. 10 to 20 msec. according to the speeds that the slide door is moving.



7. INSPECT POWER SLIDE DOOR CONTROL MOTOR AND CLUTCH RH

- Remove the motor and clutch.
- Connect the battery positive (+) lead to terminal 3 and the battery negative (-) lead to terminal 2.
- Apply battery voltage to the terminals and check the motor operation.

Standard:

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 8 Battery negative (-) → Terminal 7	Open
Battery positive (+) → Terminal 7 Battery negative (-) → Terminal 8	Closed

If the result is not as specified, replace the motor and clutch.

- Check the resistance of terminals.

Standard:

Terminal No.	Specified Condition
2 - 3	4.0 Ω
6 - Body ground	10 k Ω or higher

If the result is not as specified, replace the motor and clutch.

- Reinstall the motor and clutch with the connector connected.
- Check the pulse of the pulse sensor.
 - Using an oscilloscope, check the pulse generated when the door is manually opened and closed.

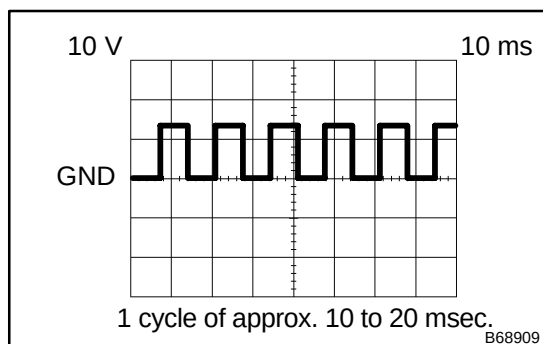
Standard (Reference):

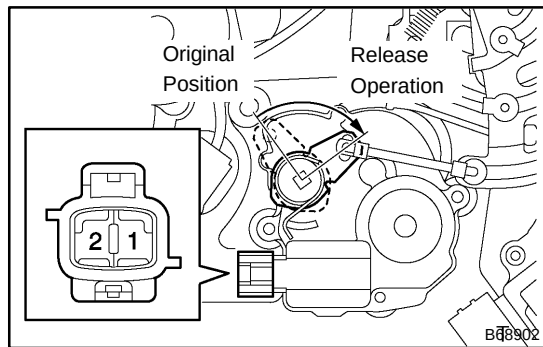
Terminal	5 - 9, 9 - 10
Tool setting	10 V/DIV., 10 ms/DIV.
Vehicle condition	Door moving

If the result is not as specified, replace the motor and clutch.

HINT:

The cycle of the pulse changes between approx. 10 to 20 msec. according to the speeds that the slide door is moving.



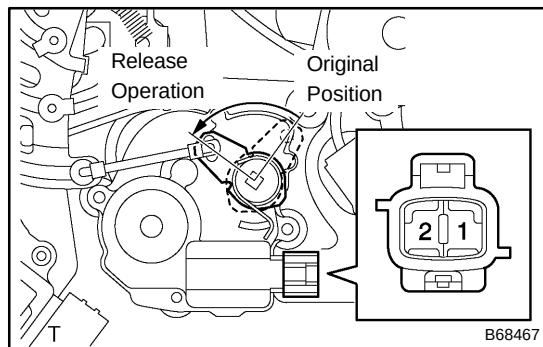


8. INSPECT SLIDE DOOR LOCK RELEASE MOTOR ASSY LH

- (a) Apply battery voltage and inspect operation of the motor.
Standard:

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 2 Battery negative (-) → Terminal 1	Release operation
No battery voltage is applied	Original position

If the result is not as specified, replace the motor assy.

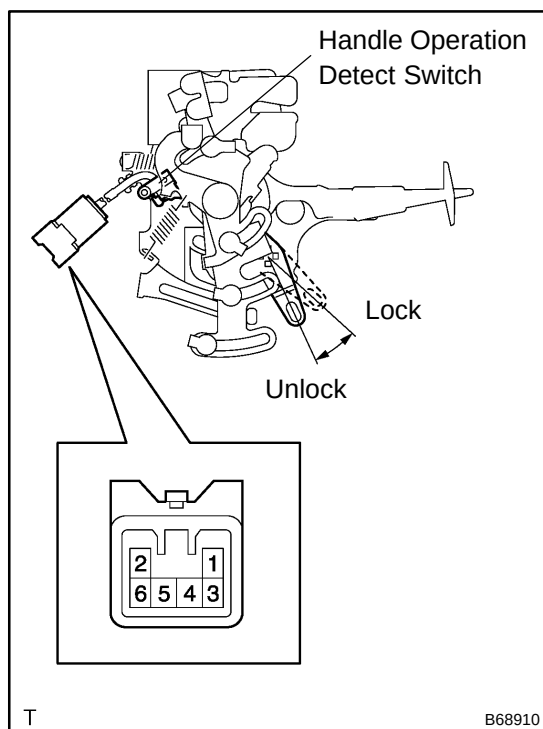


9. INSPECT SLIDE DOOR LOCK RELEASE MOTOR ASSY RH

- (a) Apply battery voltage and inspect operation of the motor.
Standard:

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 2 Battery negative (-) → Terminal 1	Release operation
No battery voltage is applied	Original position

If the result is not as specified, replace the motor assy.

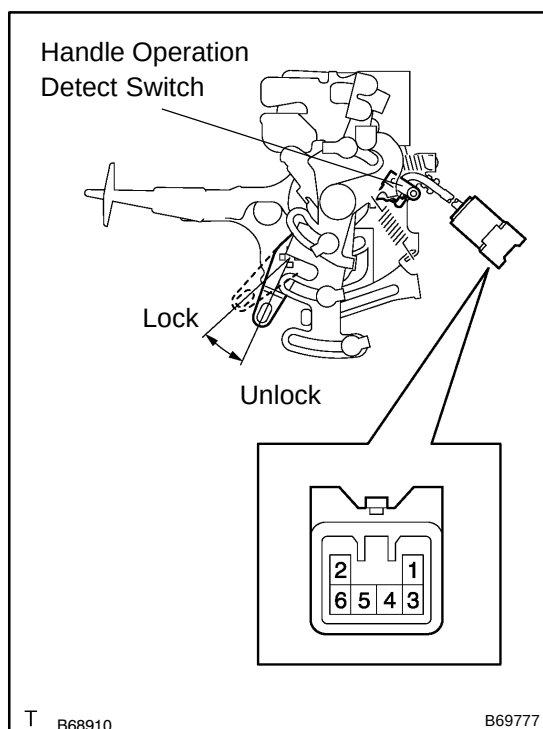


10. INSPECT SLIDE DOOR LOCK REMOTE CONTROL SUB-ASSY LH (HANDLE OPERATION DETECT SWITCH)

- (a) Inspect the resistance of the switch.
Standard:

Terminal No.	Switch Position	Specified Condition
1 - 3	Unlock	10 kΩ or higher
	Lock	Below 1 Ω

If the result is not as specified, replace the control assy.



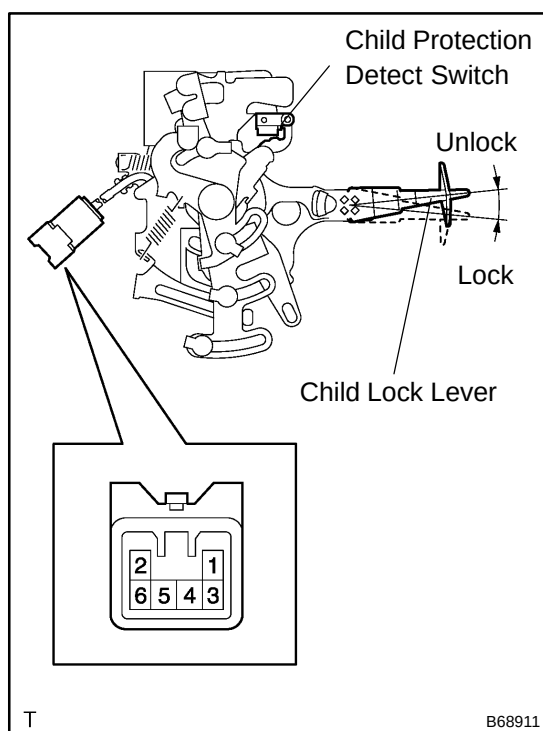
11. INSPECT SLIDE DOOR LOCK REMOTE CONTROL SUB- ASSY RH (HANDLE OPERATION DETECT SWITCH)

- (a) Inspect the resistance of the switch.

Standard:

Terminal No.	Switch Position	Specified Condition
1 - 3	Unlock	10 k Ω or higher
	Lock	Below 1 Ω

If the result is not as specified, replace the control sub-assy.



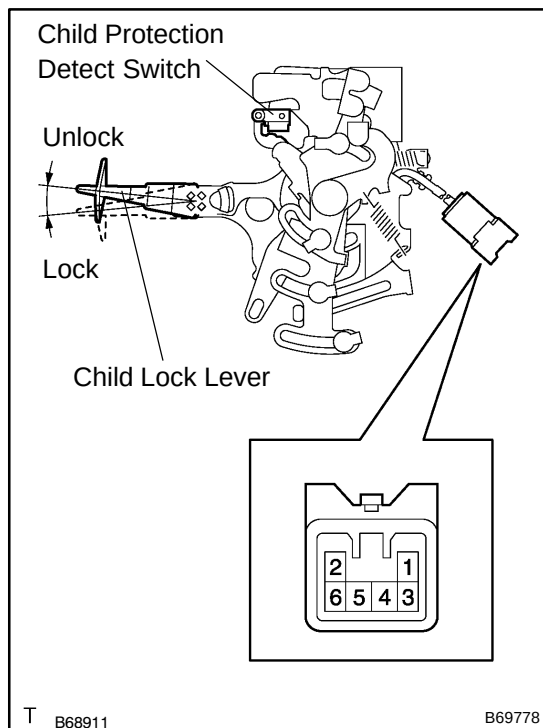
12. INSPECT SLIDE DOOR LOCK REMOTE CONTROL SUB- ASSY LH (CHILD PROTECTION DETECT SWITCH)

- (a) Inspect the resistance of the switch.

Standard:

Terminal No.	Switch Position	Specified Condition
4 - 5	Unlock	10 k Ω or higher
	Lock	Below 1 Ω

If the result is not as specified, replace the control sub-assy.



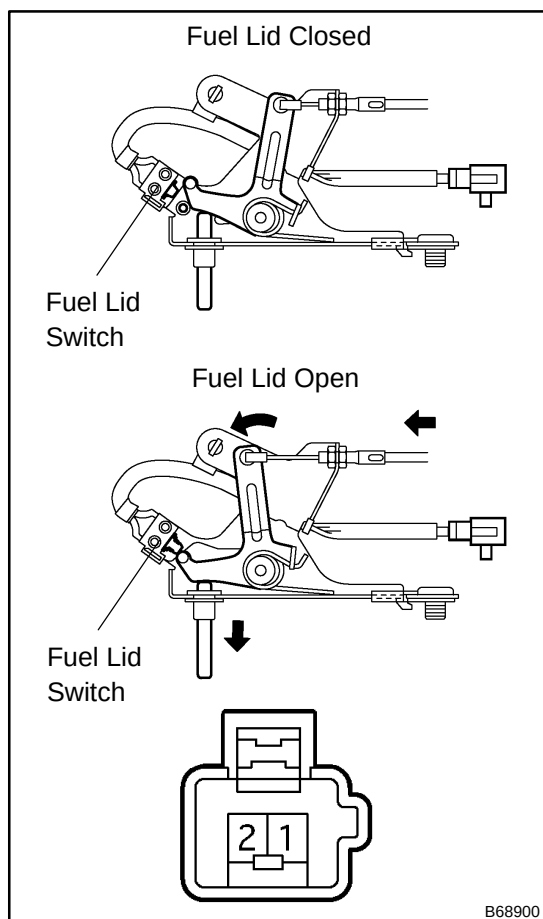
13. INSPECT SLIDE DOOR LOCK REMOTE CONTROL SUB- ASSY RH (CHILD PROTECTION DETECT SWITCH)

- (a) Inspect the resistance of the switch.

Standard:

Terminal No.	Switch Position	Specified Condition
4 - 5	Unlock	10 k Ω or higher
	Lock	Below 1 Ω

If the result is not as specified, replace the control sub-assy.



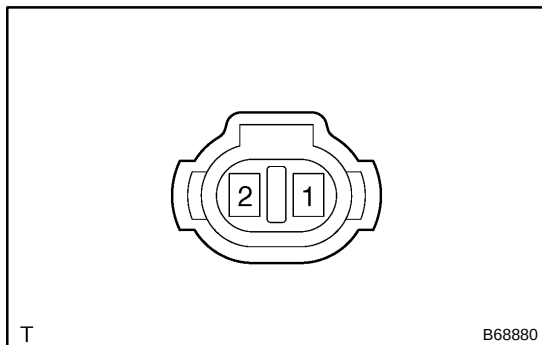
14. INSPECT SLIDE DOOR HALF OPEN STOPPER CONTROL ASSY

- (a) Inspect the resistance of the switch.

Standard:

Terminal No.	Condition	Specified Condition
1 - 2	ON (Fuel lid closed)	Below 1 Ω
	OFF (Fuel lid open)	10 k Ω or higher

If the result is not as specified, replace the control sub-assy.



15. INSPECT POWER SLIDE DOOR WARNING BUZZER LH

- (a) Check the resistance of the buzzer.

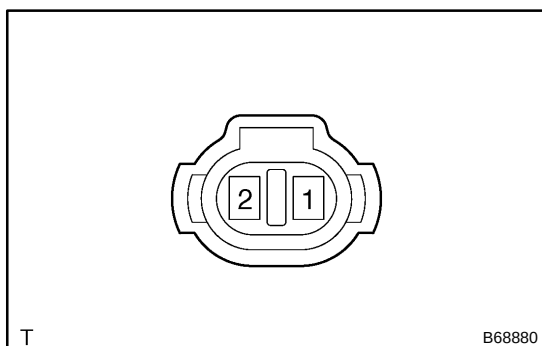
Standard:

Terminal No.	Specified Condition
1 - 2	Approx.1 kΩ

If the result is not as specified, replace the buzzer.

NOTICE:

- The circuit that causes the buzzer to sound is built into the slide door ECU, not around the buzzer.
- Directly applying battery voltage to the buzzer does not cause the buzzer to sound.



16. INSPECT POWER SLIDE DOOR WARNING BUZZER RH

- (a) Check the resistance of the buzzer.

Standard:

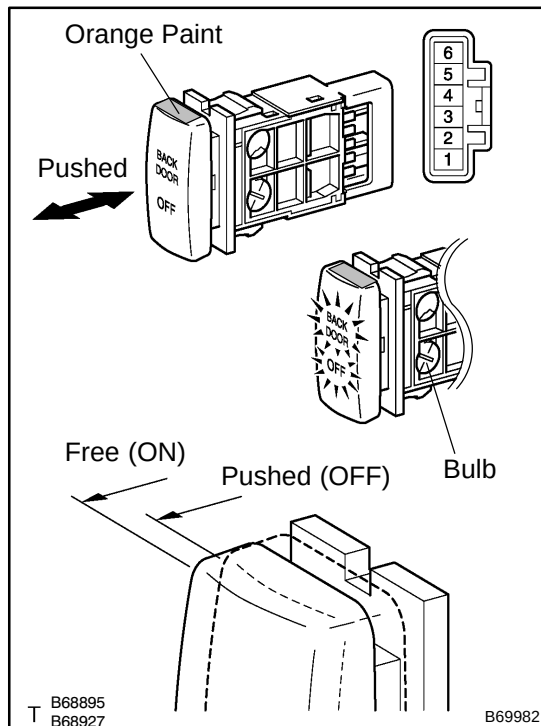
Terminal No.	Specified Condition
1 - 2	Approx.1 kΩ

NOTICE:

- The circuit that causes the buzzer to sound is built into the slide door ECU, not around the buzzer.
- Directly applying battery voltage to the buzzer does not cause the buzzer to sound.

If the result is not as specified, replace the buzzer.

INSPECTION



1. INSPECT POWER BACK DOOR MAIN SWITCH

- (a) Inspect the resistance of the main switch.

Standard:

Terminal No.	Condition	Specified Condition
4 - 5	Free (ON)	Below 1 Ω
	Pushed (OFF)	10 k Ω or higher

If the result is not as specified, replace the switch.

- (b) Apply battery voltage and check the illuminates.

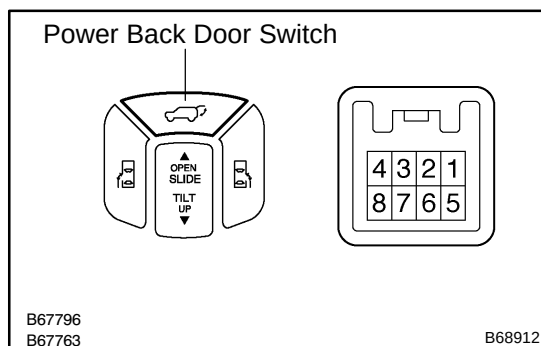
Standard:

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 1 Battery negative (-) → Terminal 2	Illuminates

HINT:

Whether the switch illuminates or not will not affect the function of the LH side.

If the result is not as specified, replace the bulb.



2. INSPECT SATELLITE SWITCH

- (a) Inspect the resistance of the back door switch.

Standard:

Terminal No.	Condition	Specified Condition
3 - 5	Free (OFF)	10 k Ω or higher
	Pushed (ON)	Below 1 Ω

If the result is not as specified, replace the switch.

- (b) Apply battery voltage and check whether the switch illuminates.

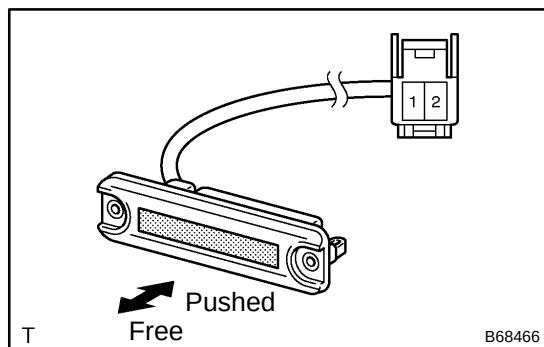
Standard:

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 8 Battery negative (-) → Terminal 7	Illuminates

HINT:

Whether the switch illuminates or not will not affect the function of the RH side.

If the result is not as specified, replace the bulb.



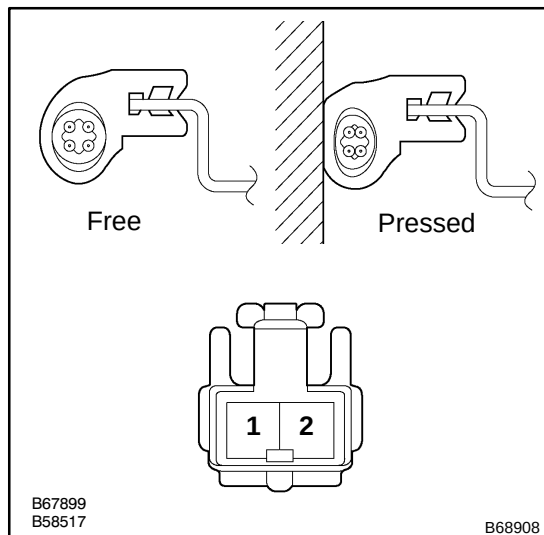
3. INSPECT BACK DOOR OPNER SWITCH

- (a) Inspect the resistance of the switch.

Standard:

Terminal No.	Condition	Specified Condition
1 - 2	Free	10 k Ω or higher
	Pushed	Below 1 Ω

If the result is not as specified, replace the switch.



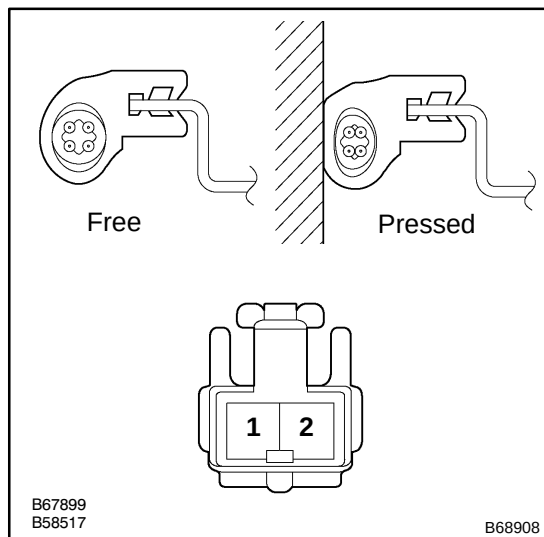
4. INSPECT POWER BACK DOOR TOUCH SENSOR LH

- (a) Check the resistance of the sensor.

Standard:

Terminal No.	Condition	Specified condition
1 - 2	Free	Approx. 1 k Ω
	Pressed	Below 100 Ω

If the result is not as specified, replace the sensor.



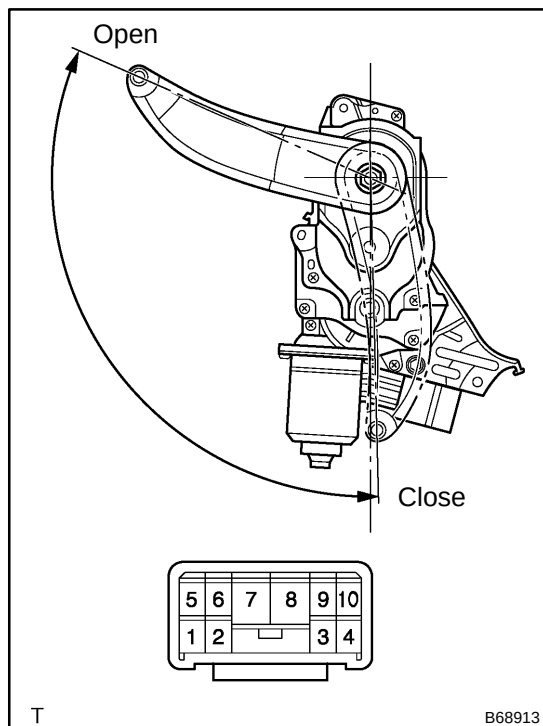
5. INSPECT POWER BACK DOOR TOUCH SENSOR RH

- (a) Check the resistance of the sensor.

Standard:

Terminal No.	Condition	Specified condition
1 - 2	Free	Approx. 1 k Ω
	Pressed	Below 100 Ω

If the result is not as specified, replace the sensor.



6. INSPECT POWER BACK DOOR DRIVE UNIT

- Remove the unit.
- Apply battery voltage to the terminals and check the motor operation.

Standard:

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 8 Battery negative (-) → Terminal 7	Open
Battery positive (+) → Terminal 7 Battery negative (-) → Terminal 8	Close

If the result is not as specified, replace the drive unit.

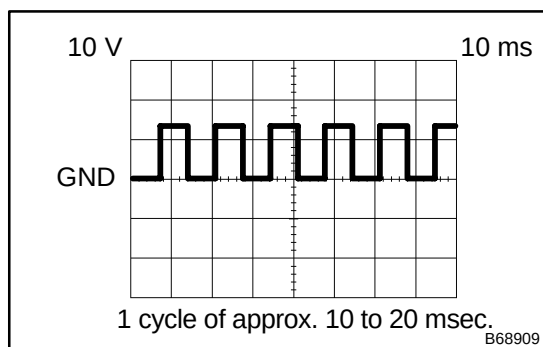
- Check the resistance of the clutch terminals.

Standard:

Terminal No.	Specified Condition
3 - 9	4.0 Ω

If the result is not as specified, replace the drive unit.

- Reinstall the unit with the connector connected.



- Check the pulse of the pulse sensor.
 - Using an oscilloscope, check the pulse generated when the door is manually opened and closed.

Standard (Reference):

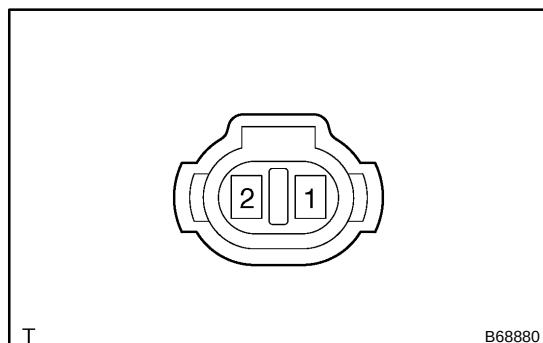
Terminal	1 - 2, 2 - 5
Tool setting	10 V/DIV., 10 ms/DIV.
Vehicle condition	Door moving

If the result is not as specified, replace the drive unit.

HINT:

A cycle of the pulse changes between approx. 10 to 20 msec. according to the speeds that the slide door is moving.

- With the connector connected, check the voltage of the terminals of the power back door drive unit connector.



7. POWER BACK DOOR WARNING BUZZER

- Check the resistance of the buzzer.

Standard:

Terminal No.	Specified Condition
1 - 2	Approx. 1 kΩ

If the result is not as specified, replace the buzzer.

NOTICE:

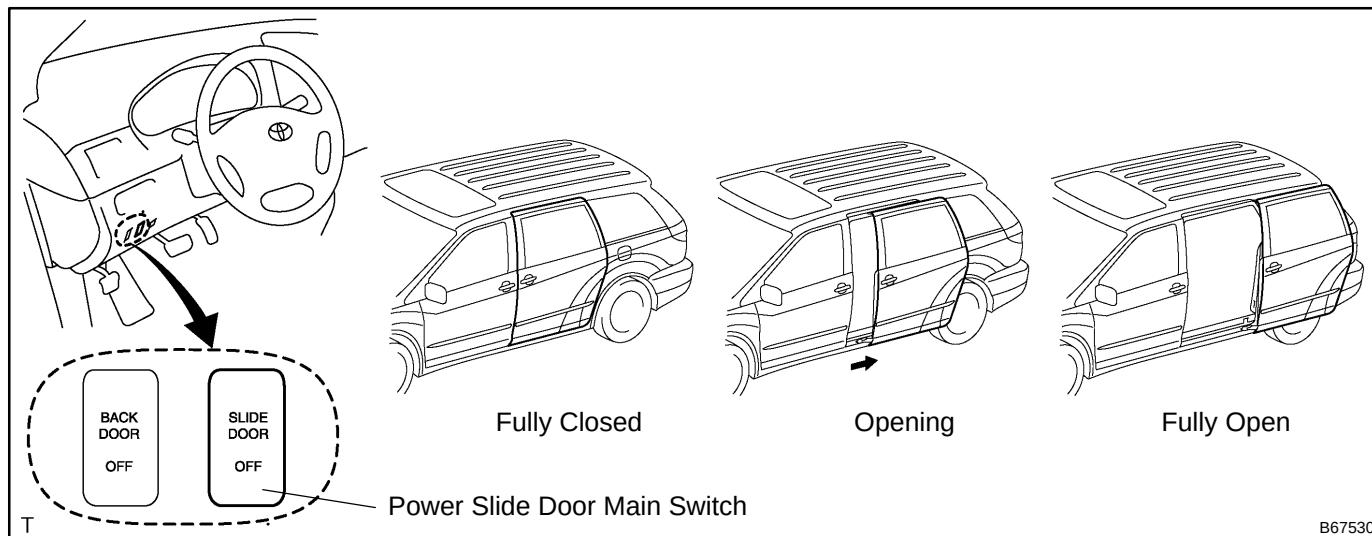
- The circuit that causes the buzzer to sound is built into the back door ECU, not around the buzzer.
- Directly applying battery voltage to the buzzer does not cause the buzzer to sound.

ON-VEHICLE INSPECTION

NOTICE:

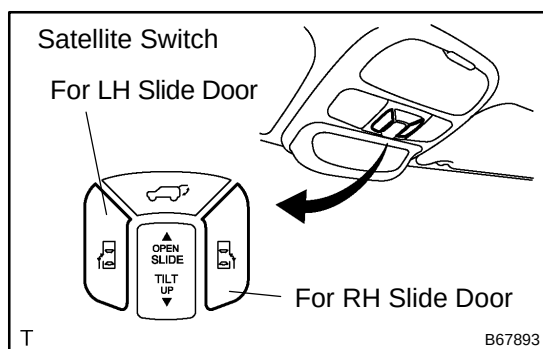
Inspection should be started after conforming that the items listed in the "CUSTOMIZE PARAMETER" for the power slide door system have defaulted to the initial settings (See page 05-1654).

1. CHECK OPENING OPERATION



(a) Conditions necessary for the power slide door to open:

- (1) Power slide door main switch is in the ON position.
- (2) Slide door is positioned between the fully closed position and the half-open position (When the slide door is fully closed, the door must be unlocked).
- (3) Shift lever is in the P position when the ignition switch is ON (When the ignition switch is OFF, power slide door can operate in any position of the shift lever).
- (4) No key is inserted into the ignition key cylinder when the transmitter is used.
- (5) Fuel lid is closed.



(b) Press the satellite switch for the power slide door.

- (1) Check that the power slide door opens when the switch has been pressed for more than 0.8 seconds.

HINT:

The power slide door can operate even when the child lock is ON.

- (2) Check that the power slide door reverses operation and moves to the fully closed position when the same switch is pressed again during opening.

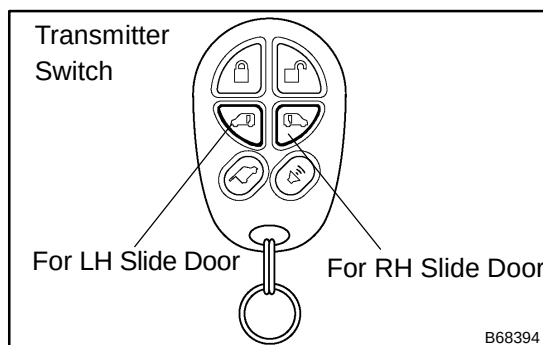
(c) Press the transmitter switch for the power slide door.

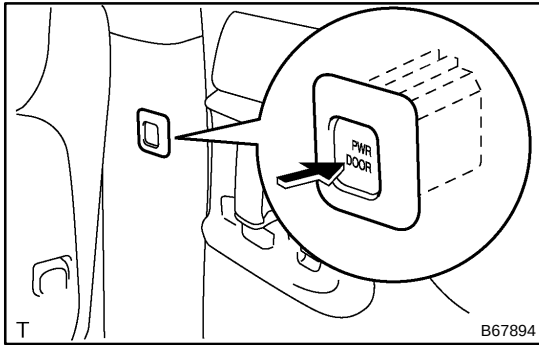
- (1) Check that the power slide door opens when the switch has been pressed for more than 0.8 seconds.

HINT:

The power slide door can operate even when the child lock is ON.

- (2) Check that the power slide door reverses operation and moves to the fully closed position when the same switch is pressed again during opening.



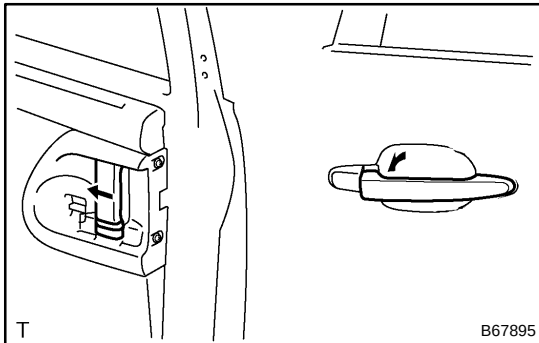


- (d) Press the power slide door control switch.
- (1) Check that the power slide door opens when the switch is pressed.

HINT:

The power slide door can operate only when the child lock is OFF.

- (2) Check that the power slide door reverses operation and moves to the fully closed position when the same switch is pressed again during opening.

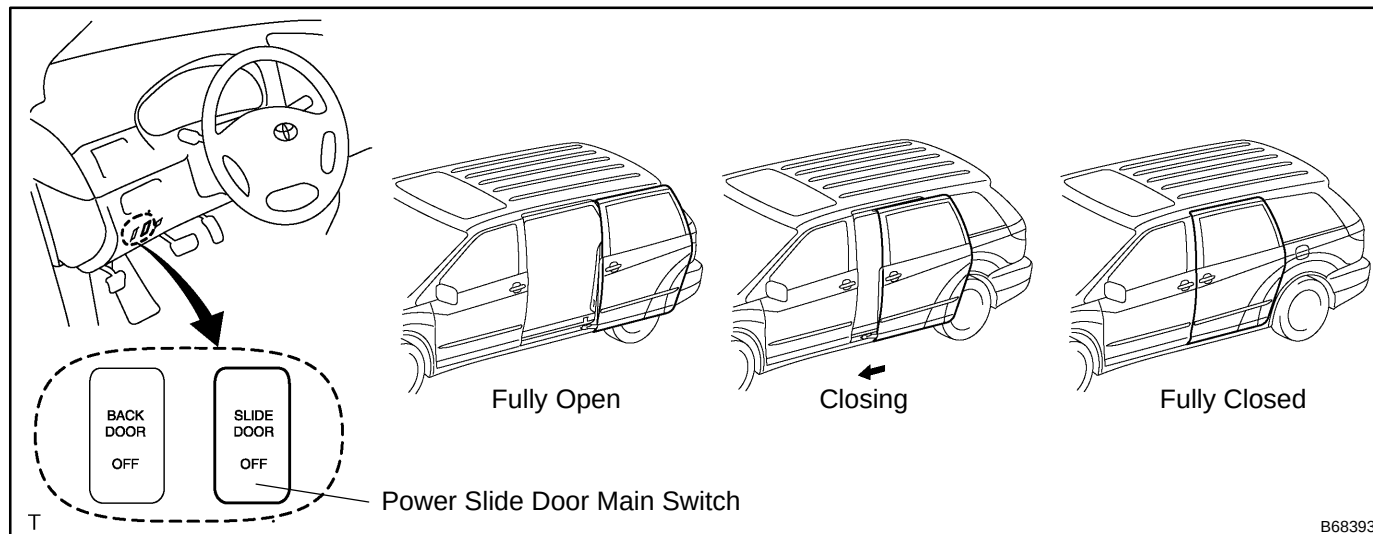


- (e) Pull the outside/inside handle for the power slide door.
- (1) Check that the power slide door opens when the handle is pulled.

HINT:

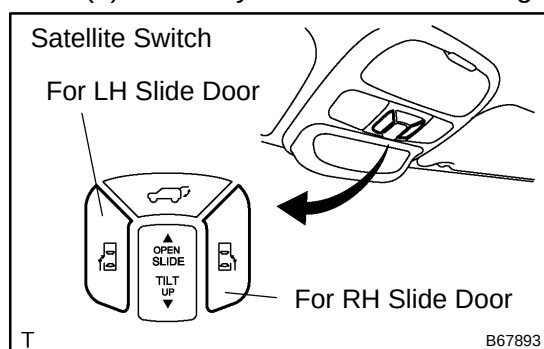
- For the inside handle, the power slide door can operate only when the child lock is OFF.
 - For the outside handle, the power slide door can operate even when the child lock is ON.
- (2) Check that the power slide door reverses operation and moves to the fully closed position when the same handle is pulled again during opening.

2. CHECK CLOSING OPERATION



(a) Conditions necessary for the power slide door to close:

- (1) Power slide door main switch is in the ON position.
- (2) Slide door is positioned between the fully open position and the half-open position.
- (3) No key is inserted into the ignition key cylinder when the transmitter is used.



(b) Press the satellite switch for the power slide door.

- (1) Check that the power slide door closes when the switch has been pressed for more than 0.8 seconds.

HINT:

The power slide door can operate even when the child lock is ON.

(c) Check that the power slide door reverses operation and moves to the fully open position when the same switch is pressed again during closing.

(d) Press the transmitter switch for the power slide door.

- (1) Check that the power slide door closes when the switch has been pressed for more than 0.8 seconds.

HINT:

The power slide door can operate even when the child lock is ON.

- (2) Check that the power slide door reverses operation and moves to the fully open position when the same switch is pressed again during closing.

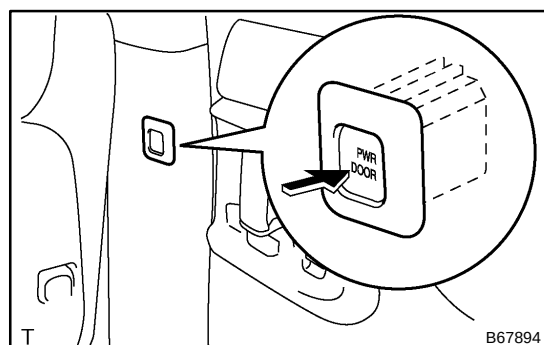
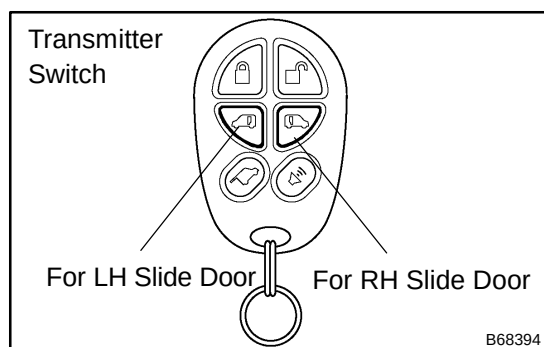
(e) Press the power slide door control switch.

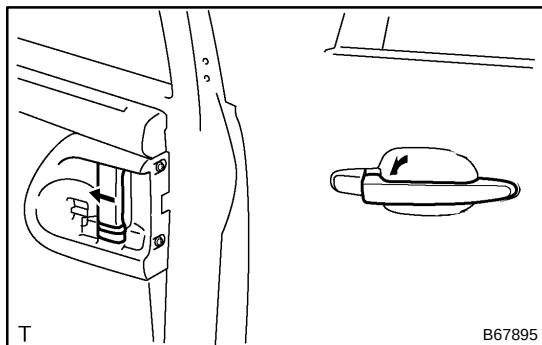
- (1) Check that the power slide door closes when the switch is pressed.

HINT:

The power slide door can operate only when the child lock is OFF.

- (2) Check that the power slide door reverses operation and moves to the fully open position when the same switch is pressed again during closing.



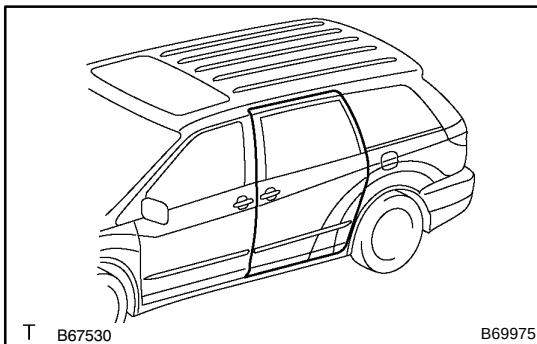


- (f) Pull the outside/inside handle for the power slide door.
- (1) Check that the power slide door closes when the handle is pulled.
 - (2) Check that the power slide door reverses operation and moves to the fully open position when the same handle is pulled again during closing.

3. CHECK JAM PROTECTION FUNCTION

HINT:

- The power slide door control motor and clutch detects changes in the operating speed of the slide door while the power slide door is moving. If a change in the operating speed is out of the normal range, it will be judged to be a jam and foreign object detection in the direction that the power slide door is moving and the movement.
- When the power slide door touch sensor built into the front end of the slide door is compressed, it is judged to be a jam and foreign object detection in the direction that the power slide door is moving and the power slide door movement will reverse.
- The power slide door touch sensor operates only while the slide door is closing. It does not operate while the slide door is opening.

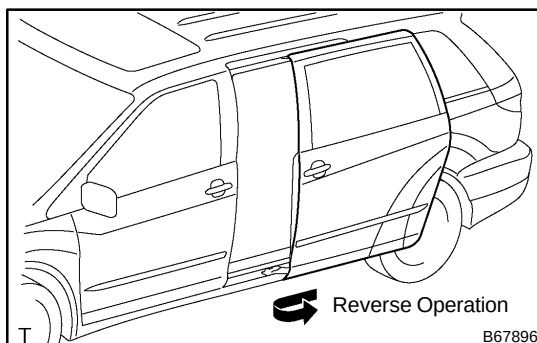
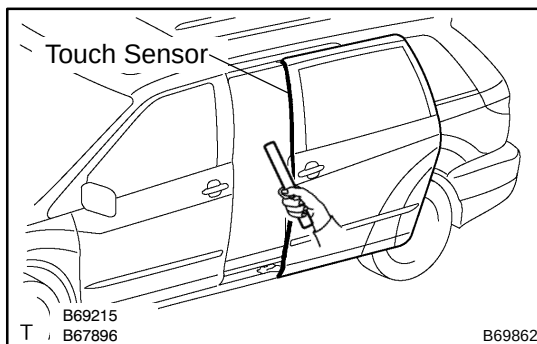


- (a) Check the jam protection function while the power slide door is closing.

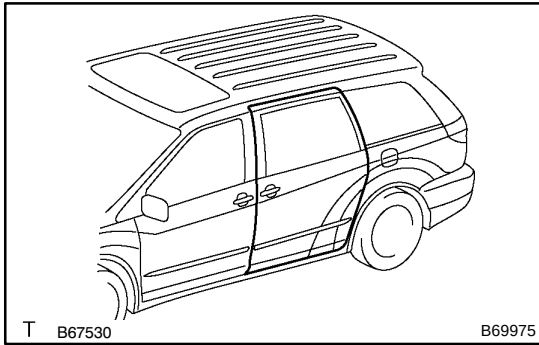
CAUTION:

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.

- (1) Fully open the slide door.
- (2) Press the switch that operates the power slide door to activate it to close.
- (3) While the slide door is closing, press the touch sensor using the handle of a hammer or the equivalent.



- (4) Check that the jam protection function is immediately activated and the power slide door reverses operation to the fully open position.

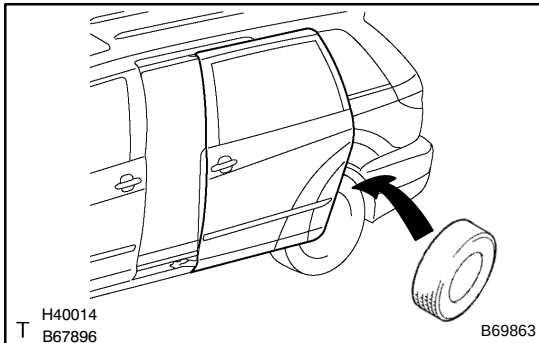


- (b) Check the jam protection function while the power slide door is opening.

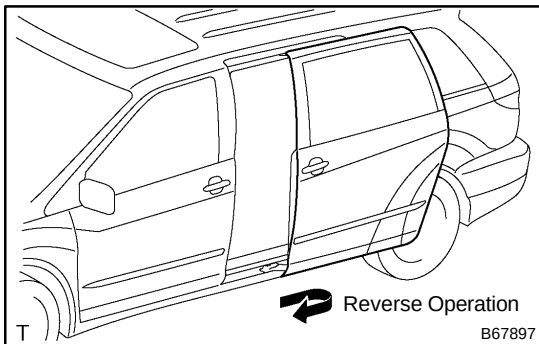
CAUTION:

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.

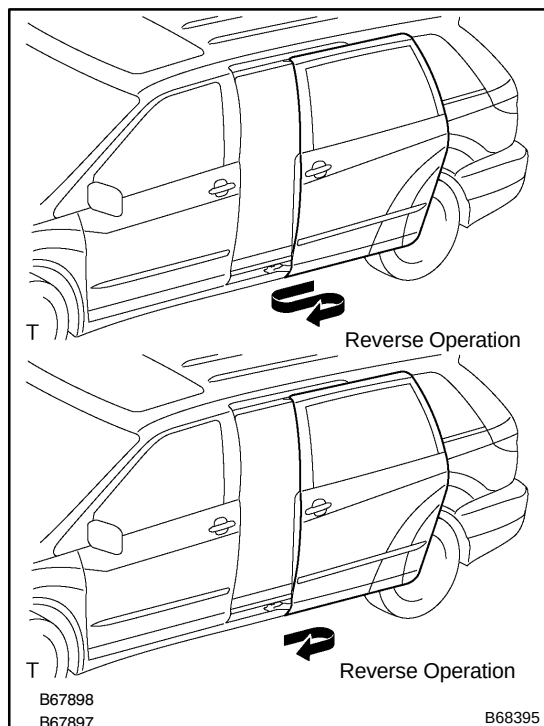
- (1) Fully close the slide door.
- (2) Press the switch that operates the power slide door to activate it to open.



- (3) While the slide door is opening, hold the slide door by using a tire or the equivalent, as shown in the illustration, so that the operating speed decreases.



- (4) Check that the jam protection function is immediately activated and the power slide door reverses operation to the fully closed position.



- (c) Check operation of the power slide door when the jam protection function is consecutively activated.
- (1) Check that power slide door operation is cancelled and switched to manual operation mode (not electrically controlled) when the jam protection function has been activated 2 or more consecutive times and when the 2nd or most recent activation has occurred during closing.

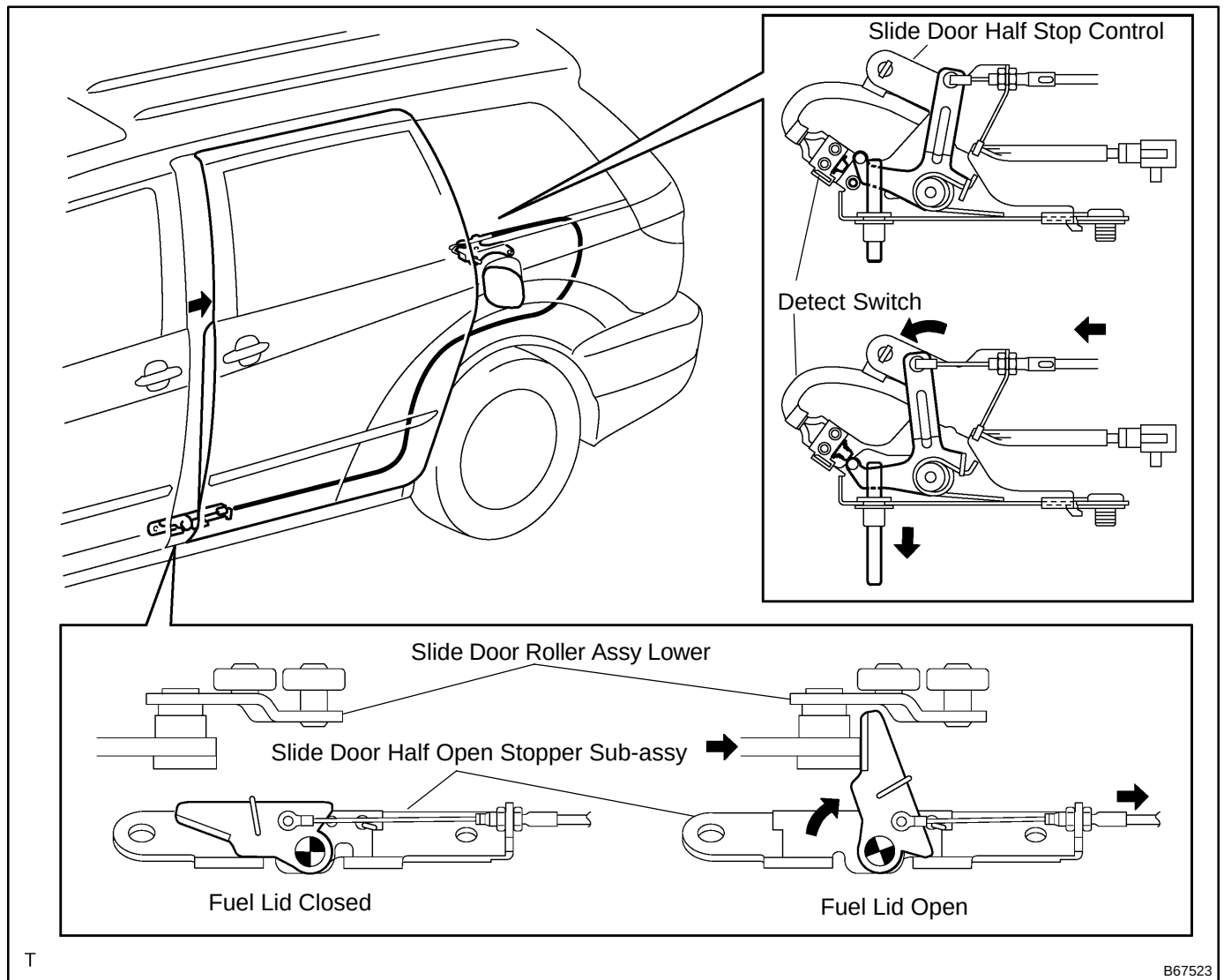
HINT:

Refer to steps (a) and (b) for the method that activates the jam protection function.

NOTICE:

In order to restore the power slide door system to normal operation mode, perform one of the following: manually close the slide door fully, press the satellite switch for the power slide door or the power slide door control switch again.

4. CHECK FUEL LID STOPPER SYSTEM



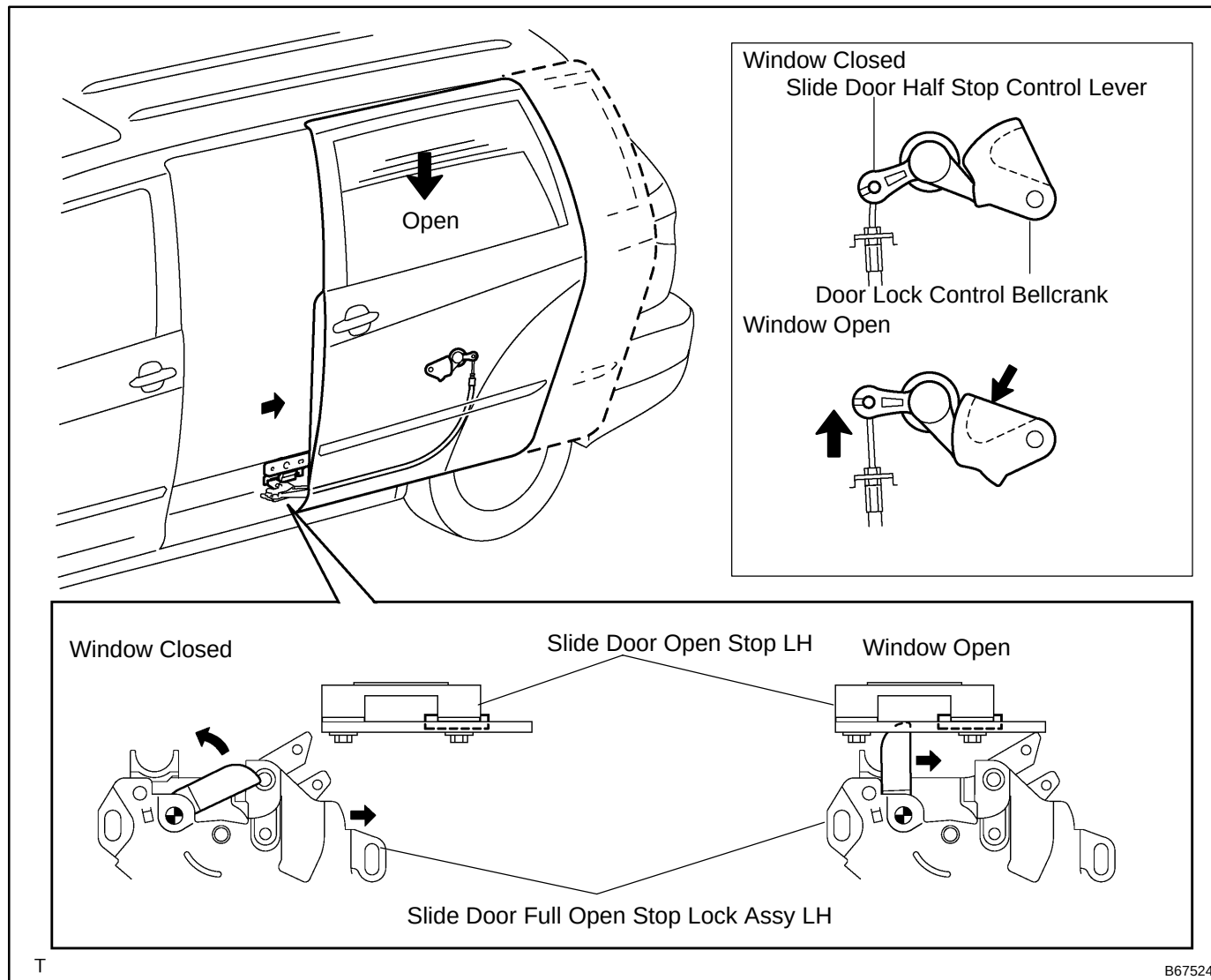
HINT:

- The fuel lid stopper system operates against the slide door LH only because the fuel lid is placed on the LH side of the vehicle.
 - When the fuel lid is open, the slide door half stop control pulls the cable in order to operate the open stopper so that the slide door will not strike against the fuel lid.
 - The detect switch built into the slide door half stop control detects that the fuel lid is open.
- (a) Check that the slide door cannot be opened when the fuel lid is open.
- (b) Check that the power slide door is switched to manual operation mode when the fuel lid is opened while the power slide door is moving.

NOTICE:

In order to restore the power slide door system to normal operation mode, perform one of the following: manually close the slide door fully, press the satellite switch for the power slide door or the power slide door control switch again.

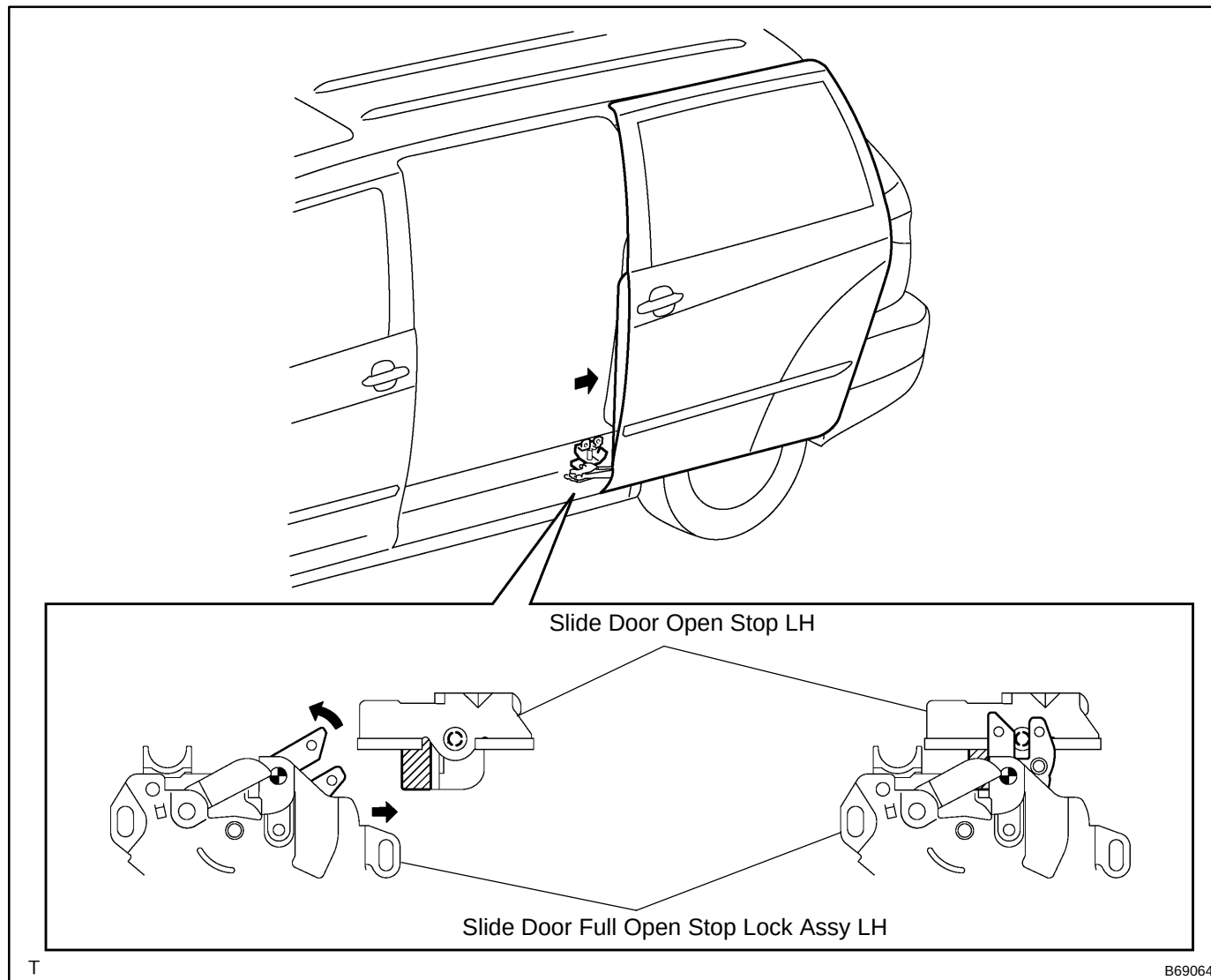
5. SLIDE DOOR HALF-OPEN STOPPER SYSTEM



HINT:

Linked with operation of the rear power window regulator, the control lever and bellcrank operates and pulls the cable, which then operates the half-open stopper so that the slide door stops. This prevents the slide door from opening fully.

- (a) Check that the slide door is forced to stop at approx. 105 mm (4.13 in.) from the fully open position when the window is open 150 mm (5.91 in.) or more.

6. SLIDE DOOR FULL OPEN STOP LOCK

- (a) Check that the slide door is fixed at the fully open position by the slide door full open stop lock when fully open.

7. CHECK WARNING BUZZER

- (a) Check the warning buzzer sounding function that notifies that the power slide door is open or is opening while the vehicle is moving (when the shift lever is moved into any position except the P position).
- (1) While the slide door is open, check that the warning buzzer sounds at a cycle of 0.3 seconds if the shift lever is moved into any position except the P position with the ignition switch ON.
 - (2) Turn the ignition switch ON and move the shift lever into any position except the P position. Check that the warning buzzer sounds at a cycle of 0.3 seconds when the power slide door system is activated to open using the switches or handles.
 - (3) Check that the warning buzzer stops sounding when the slide door is fully closed or the shift lever is moved into the P position.

8. RESET

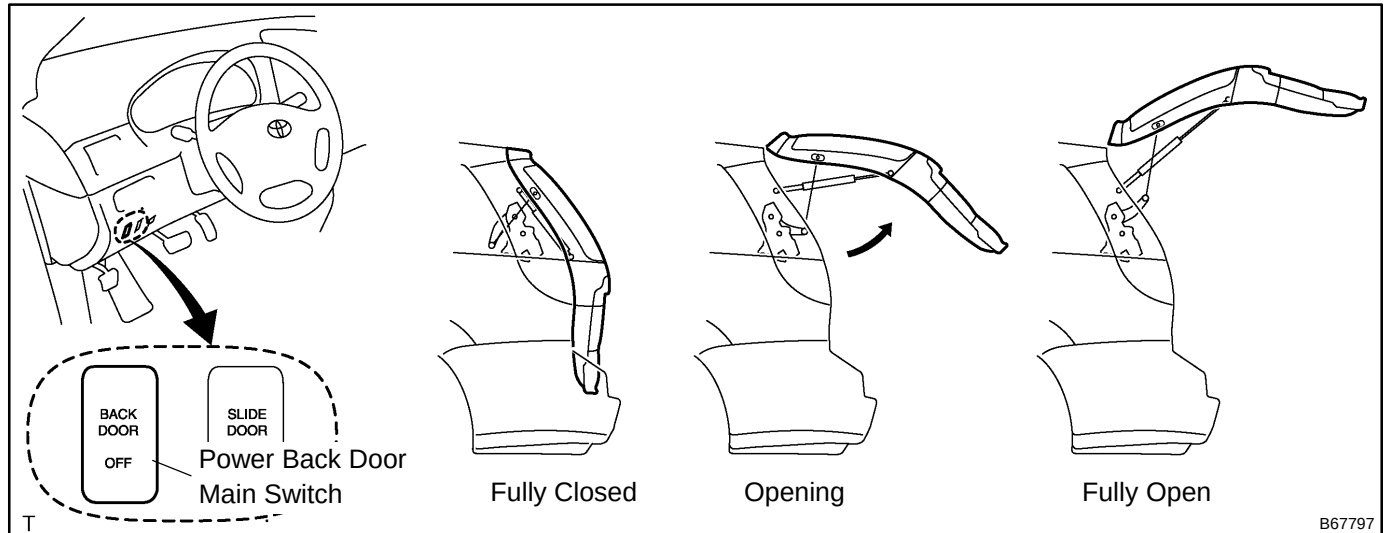
- (a) When the control motor and clutch is replaced:
The ECU cannot receive a switch signal from the control motor and clutch. This may cause the power slide door system to enter fail-safe mode and DTC (B2224 (LH) or B2223 (RH)) to set as well as make the system disabled.
When the motor and clutch is replaced, be sure to perform the following: first properly connect the motor and clutch, second clear the DTC using the hand-held tester and finally recheck that no DTC is output.
- (b) Reset the power slide door system:
The power slide door ECU records the fully open position and the fully closed position of the power slide door in its memory and the power slide door fully opens and fully closed based on this memory. The power slide door cannot operate without this memory. In the case where the battery has been removed, manually close the slide door fully to reset the power slide door system. However, if the battery is removed/installed when the slide door is fully open, the power slide door operates normally, thus the resetting the system is unnecessary.

ON-VEHICLE INSPECTION

NOTICE:

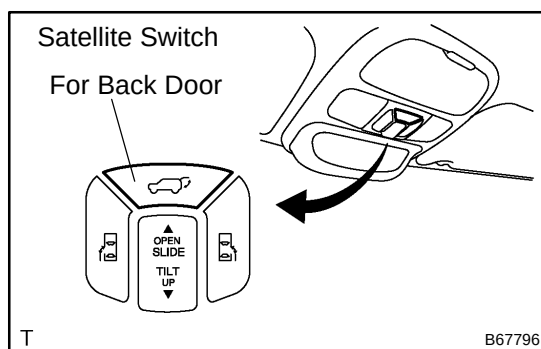
Inspection should be started after conforming that the items listed in the "CUSTOMIZE PARAMETER" for the power back door system have defaulted to the initial settings (See page 05-1756).

1. CHECK OPENING OPERATION



(a) Conditions necessary for the power back door to open:

- (1) Power back door main switch is in the ON position.
- (2) Back door is positioned between the fully closed position and the half-open position (When the back door is fully closed, the door must be unlocked).
- (3) Shift lever is in the P position when the ignition switch is ON (When the ignition switch is OFF, power back door can operate in any position of the shift lever).
- (4) No key is inserted into the ignition key cylinder when the transmitter is used.



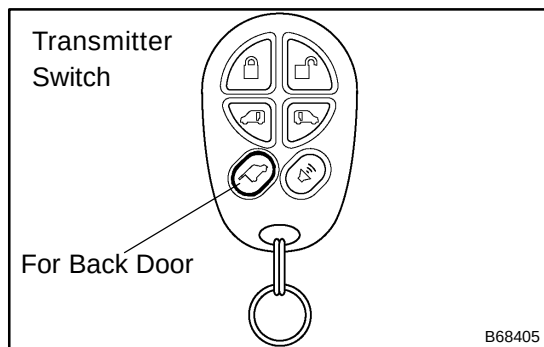
(b) Press the satellite switch for the power back door.

- (1) Check that the power back door is unlatched and then opens when the switch has been pressed for more than 0.8 seconds.

HINT:

The power back door stops its operation at the specified position that is slightly short of the fully open position. However, the damper stay allows the back door to move to the fully open position.

- (2) Check that the power back door reverses operation and moves to the fully closed position when the same switch is pressed again during opening operation.



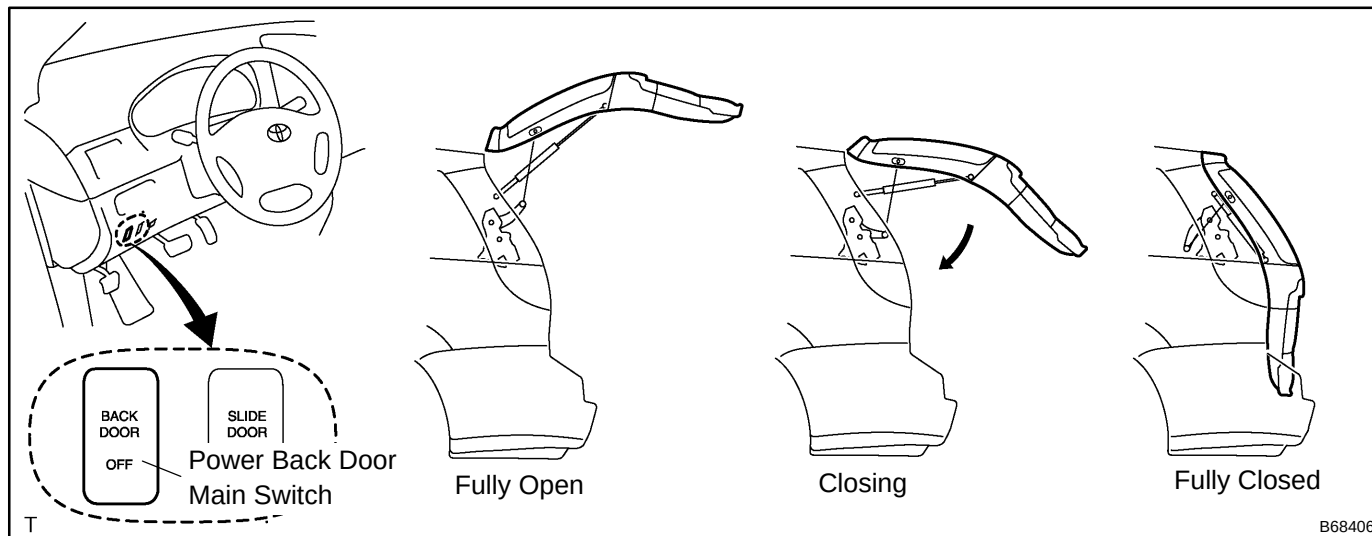
- (c) Press the transmitter switch for the power slide door.
- (1) Check that the power back door is unlatched and then opens when the switch has been pressed for more than 0.8 seconds.

HINT:

The power back door stops its operation at the specified position that is slightly short of the fully open position. However, the damper stay allows the back door to move to the fully open position.

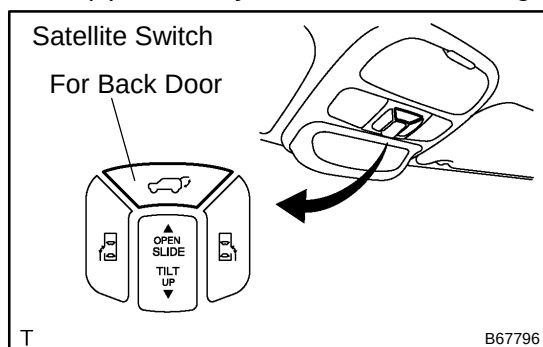
- (2) Check that the power back door reverses operation and moves to the fully closed position when the same switch is pressed again during opening operation.
- (d) Pull the outside handle for the power back door.
- (1) Open the back door and pull the handle while it is opening. Check that the power back door immediately reverses operation and moves to the fully closed position.

2. CHECK CLOSING OPERATION



(a) Conditions necessary for the power back door to close:

- (1) Power back door main switch is in the ON position.
- (2) Back door is positioned between the fully open position and the half-open position.
- (3) No key is inserted into the ignition key cylinder when the transmitter is used.



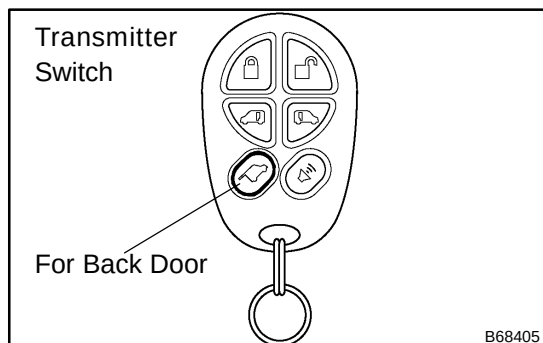
(b) Press the satellite switch for the power back door.

- (1) Check that the power back door closes when the switch has been pressed for more than 0.8 seconds.

HINT:

The power back door stops its operation at the specified position that is slightly short of the fully closed position. However, the back door closer system is activated to completely close the back door.

- (2) Check that the power back door reverses operation and moves to the fully open position when the same switch is pressed again during closing operation.



(c) Press the transmitter switch for the power back door.

- (1) Check that the power back door closes when the switch has been pressed for more than 0.8 seconds.

HINT:

The power back door stops its operation at the specified position that is slightly short of the fully closed position, however the back door closer system is activated to completely close the back door.

- (2) Check that the power back door reverses operation and moves to the fully open position when the same switch is pressed again during closing operation.

- (d) Pull the strap on the power back door.
 - (1) Check that the power back door starts closing when the back door is manually moved approximately 12 cm (4.7 in.) within 0.5 seconds by pulling the strap and continues to move to the fully closed position.
 - (2) Check that the power back door reverses operation and moves to the fully open position when the outside handle is pulled during closing operation.

3. CHECK JAM PROTECTION FUNCTION

HINT:

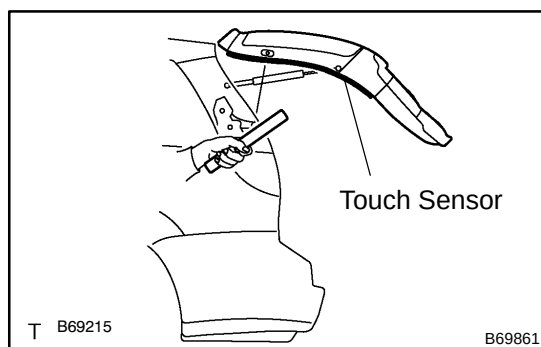
- The power back door drive unit detects changes in the operating speed of the back door while the power back door is moving. If a change in the operating speed is out of the normal range, it will be judged to be a jam and foreign object detection in the direction that the power back door is moving and the direction of movement will be reversed.
- When the power back door touch sensor built into the both sides of the back door is compressed, it is judged to be a jam and foreign object detection in the direction that the power back door is moving and the power back door reverses the movement.
- The power back door touch sensor operates only while the back door is closing. It does not operate while the back door is opening.

(a) Check the jam protection function while the power back door is closing.

CAUTION:

Do not check this function using a part of your body such as your hand. Also pay thorough attention that nothing gets caught by accident during this process.

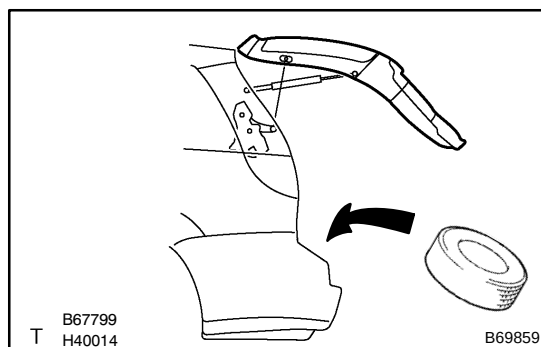
- (1) Fully open the back door.
- (2) Press the switch that operates the power back door to activate it to close, and perform steps (3), (4) and (5) respectively.



- (3) While the back door is closing, press the touch sensor using the handle of a hammer or the equivalent, as shown in the illustration.

HINT:

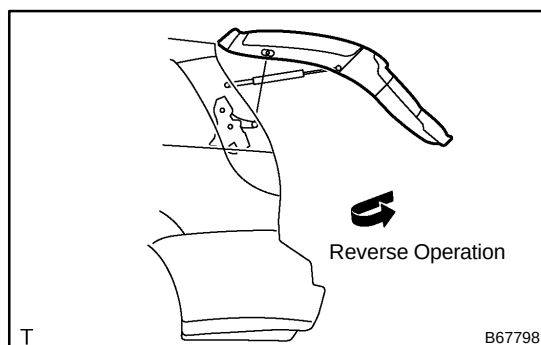
Skip step (4) and go to step (5).



- (4) While the back door is closing, insert a tire or equivalent between the door panel and vehicle body, as shown in the illustration, in order to interrupt closing operation.

HINT:

After step (2), skip step (3) and perform this step. Then, go to step (5).



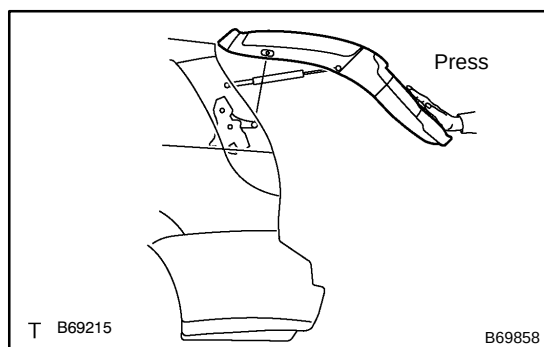
- (5) Check that the jam protection function is immediately activated and the power back door reverses operation to the fully open position.

(b) Check the jam protection function while the power back door is opening.

CAUTION:

Pay thorough attention that your body, clothes, etc. do not get involved in accidentally during this process.

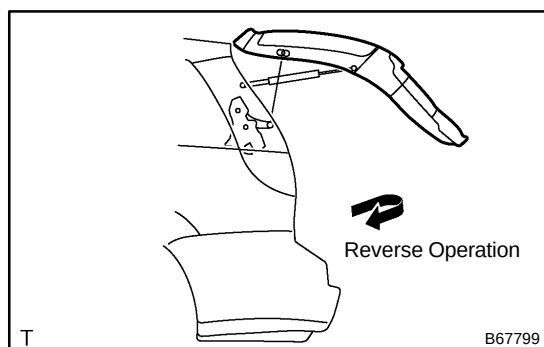
- (1) Fully close the back door.
- (2) Press the switch that operates the power back door to activate it to open.



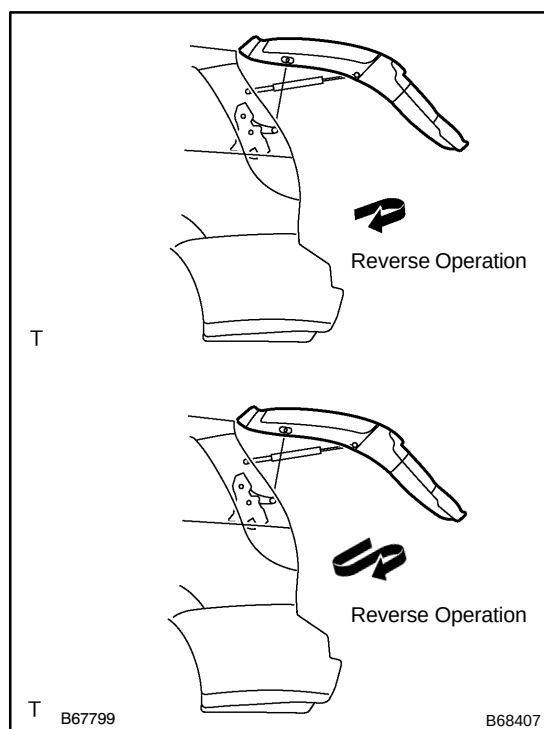
- (3) While the back door is opening, press the outside surface of the back door panel that is moving by hand so that the operating speed decreases, as shown in the illustration.

CAUTION:

When pressing the door panel, do not hold the ends of the door panel. Be sure to put your hands on the surface.



- (4) Check that the jam protection function is immediately activated and the power back door reverses operation to the fully closed position.



- (c) Check operation of the power back door when the jam protection function is activated consecutively.
- (1) Check that power back door operation is cancelled and switched to manual operation mode (not electrically controlled) when the jam protection function has been activated 2 or more consecutive times and when the 2nd or most recent activation has occurred during closing.

HINT:

Refer to steps (a) and (b) for the conditions that activates the jam protection function.

NOTICE:

In order to restore the power back door system to normal operation mode, perform either of the following: manually close the back door fully or press the satellite switch for the power back door.

4. CHECK WARNING BUZZER

- (a) Check the warning buzzer sounding function that notifies that the power back door is open or is opening while the vehicle is moving (when the shift lever is moved into any position except the P position).
- (1) While the back door is open, check that the warning buzzer sounds at a cycle of 0.3 seconds if the shift lever is moved into any position except the P position with the ignition switch ON.
 - (2) Turn the ignition switch ON and move the shift lever into any position except the P position. Check that the warning buzzer sounds at a cycle of 0.3 seconds when the power back door system is activated to open using the switches.
 - (3) Check that the warning buzzer stops sounding when the back door is fully closed or the shift lever is moved into the P position.
- (b) Check that the warning buzzer that notifies the start of opening of the power back door sounds at 2 cycles of 0.5 seconds when the power back door is activated to open.

HINT:

At the start of opening of the power back door, the wireless door lock buzzer (built into the engine room) also sounds.

5. DOOR LOCK

- (a) When the battery is reconnected:
The back door is locked and cannot be opened. Therefore, it is necessary to unlock the back door using the door control switch or transmitter switch.

6. RESET

- (a) When the back door w/ motor lock is replaced:
The ECU cannot receive a switch signal from the lock. This may cause the power back door system to enter fail-safe mode and DTC B2215 to set and also may make the system disabled.
When the lock is replaced, be sure to perform the following: first properly connect the lock, second clear the DTC using the hand-held tester and finally recheck that no DTC is output.

- (b) Reset the power back door system:
The power back door ECU records the fully open position and the fully closed position of the power back door in its memory and the power back door fully opens and fully closed based on this memory. The power back door cannot operate without this memory. In the case where the battery has been removed, manually close the back door fully to reset the power back door system. However, if the battery is removed/installed when the back door is fully open, the power back door operates normally, thus the resetting the system is unnecessary.

Replacing drive unit will also cause the memory of the door positions to be lost. Therefore, in such a case resetting the system is necessary.

Reset the power back door system as follows:

- (1) Fully close the power back door if opened.
- (2) Check that the back door fully open and fully close.
 - Unlock the power back door using the transmitter switch or the door control switch.
 - Turn the ignition switch to the "OFF" position.
 - Check that the power back door main switch is in the "ON" position.
 - Check that the back door fully open and fully close by pushing the power back door satellite switch or PBD button briefly.

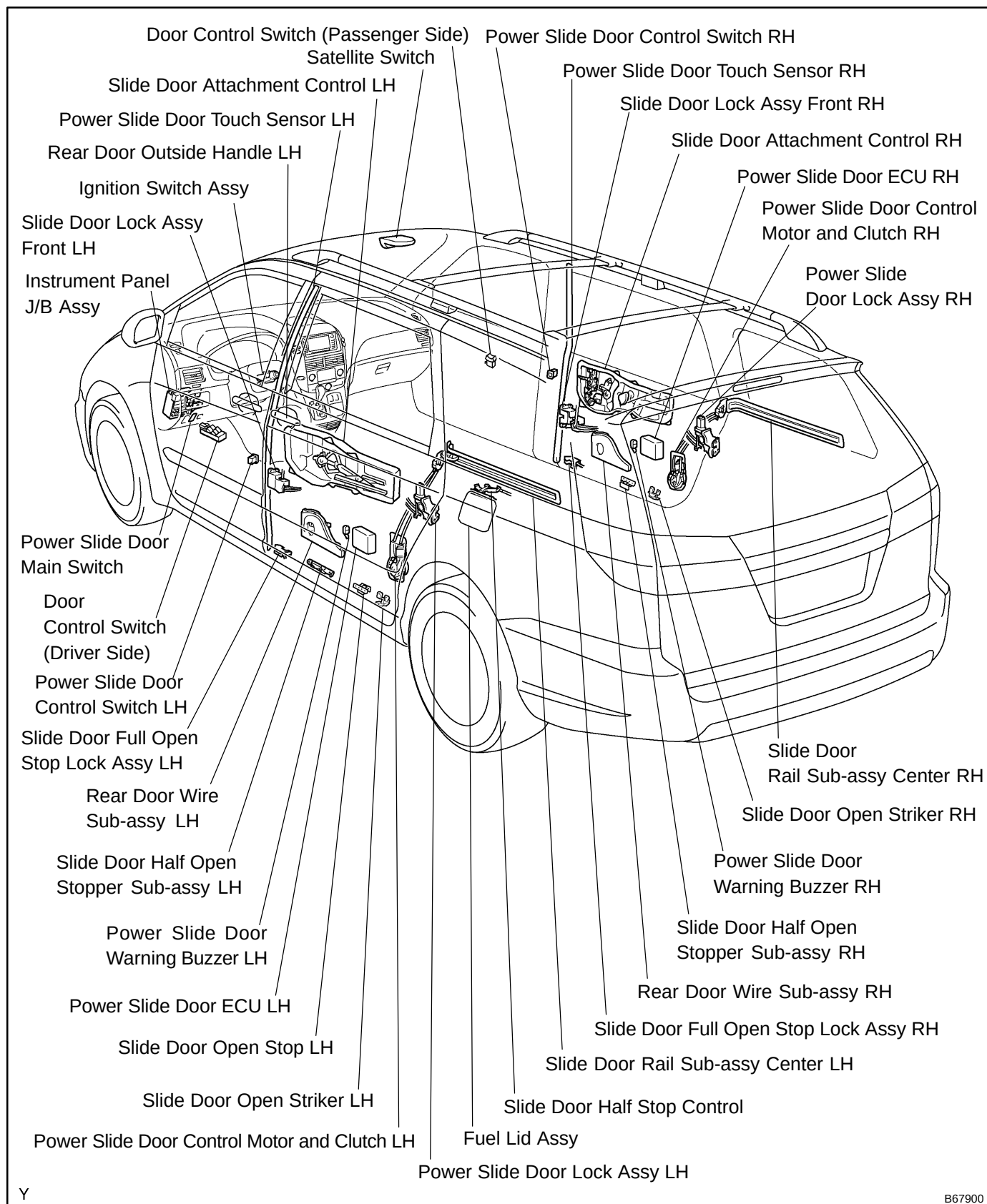
HINT:

The jam protection function is enabled through the above initialization procedure.

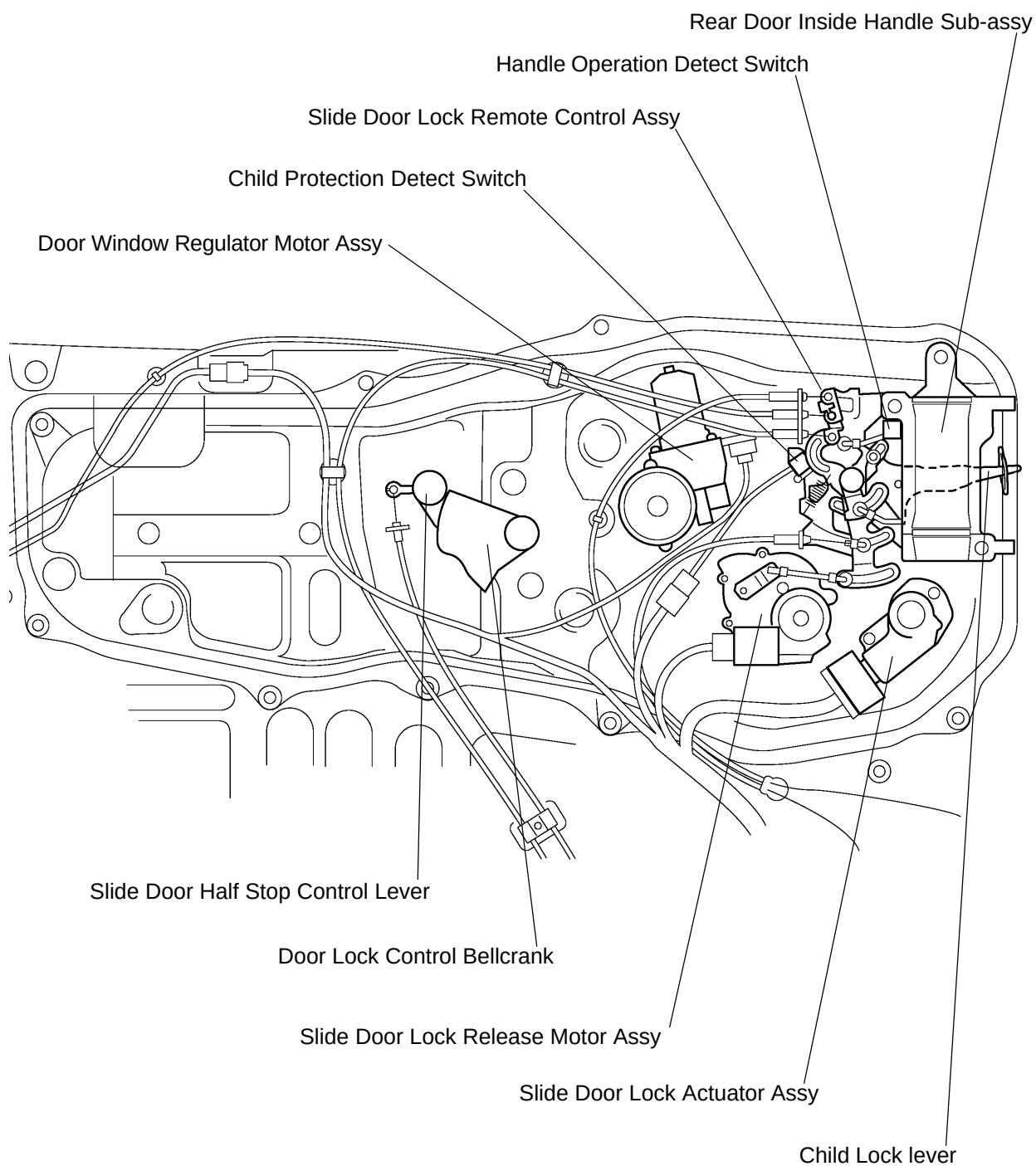
SLIDE DOOR SYSTEM

LOCATION

750MB-02



B67900

**HINT:**

In the LH, look at the same location on the opposite side as compared to the RH.

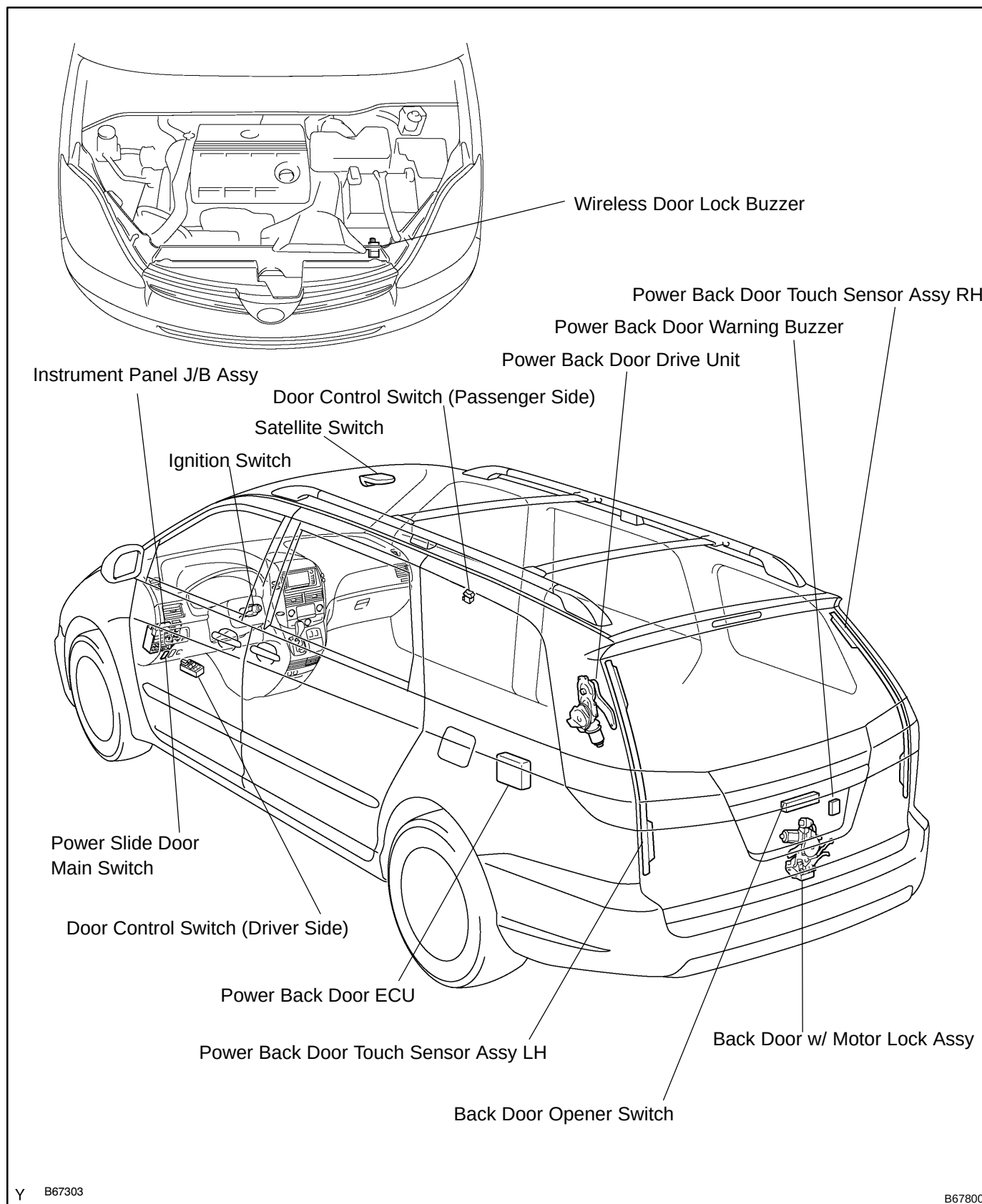
T

B68396

POWER BACK DOOR SYSTEM

LOCATION

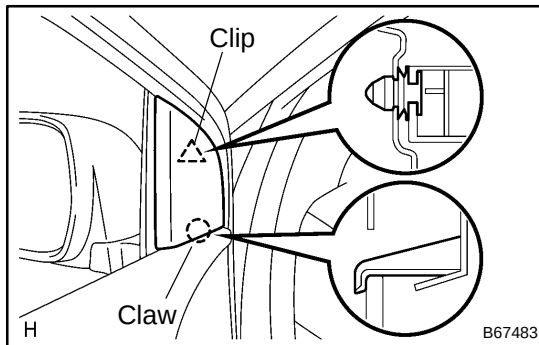
750ME-01



OVERHAUL

HINT:

- The installation is in the reverse order of the removal. However, when there is a special point concerning the installation, it is indicated.
- On the RH side, use the same procedures as on the LH side.

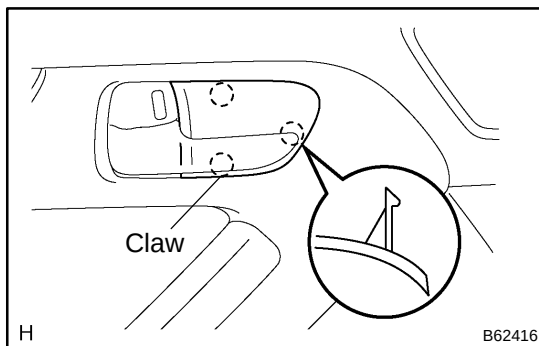


1. REMOVE FRONT DOOR LOWER FRAME BRACKET GARNISH LH

- Using a screwdriver, disengage the clip and claw, and remove the garnish.

HINT:

Tape the screwdriver tip before use.

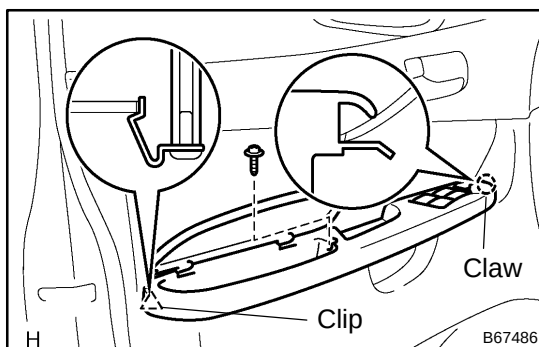


2. REMOVE FRONT DOOR INSIDE HANDLE BEZEL PLUG LH

- Using a screwdriver, disengage the 3 claws and remove the bezel.

HINT:

Tape the screwdriver tip before use.



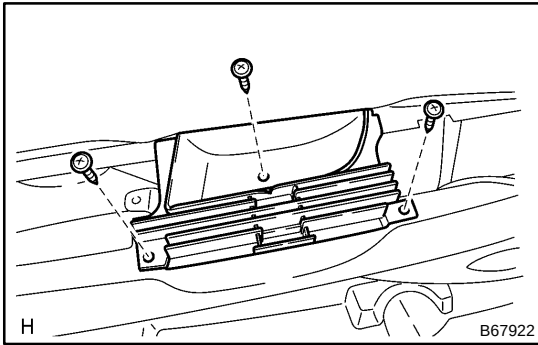
3. REMOVE POWER WINDOW REGULATOR MASTER SWITCH ASSY

- Remove the screw.
- Using a screwdriver, disengage the clip and claw, and remove the armrest base panel upper together with the switch.

HINT:

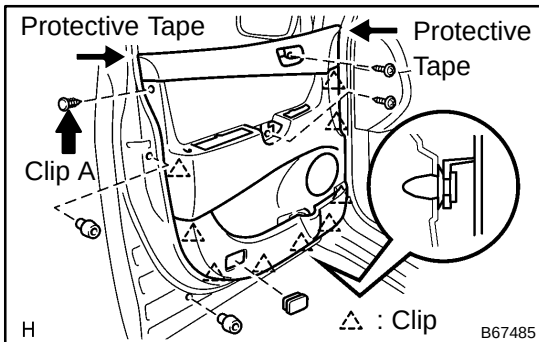
Tape the screwdriver tip before use.

- Disconnect the connector.
- Remove the 3 screws and switch from the armrest base panel upper.
- Using pliers, remove the 2 pins and armrest.



4. REMOVE FRONT DOOR TRIM BOARD SUB-ASSY LH

- (a) Remove the 3 screws and back frame plate.



- (b) Remove the 2 cushion rubbers.

- (c) Remove the 2 screws and the clip A.

- (d) Using a screwdriver, disengage the other 9 clips.

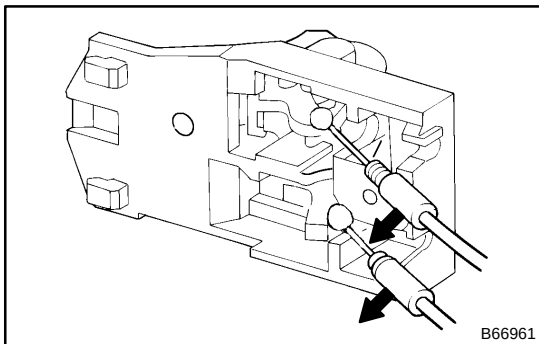
HINT:

Tape the screwdriver tip before use.

- (e) Remove the trim board upward.

HINT:

In order to prevent the door panel from being damaged, cover the areas indicated by arrow marks in the illustration with protective tape.



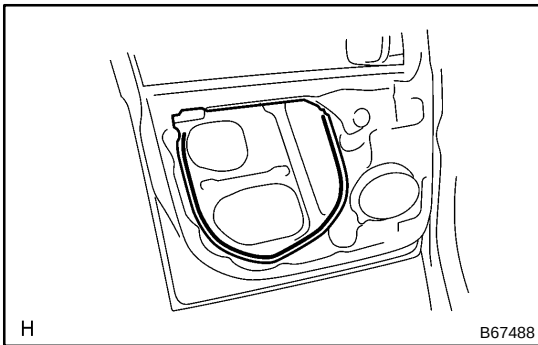
- (f) Disconnect the 2 cables from the inside handle, as shown in the illustration.

- (g) Using a screwdriver, disengage the 10 hooks and remove the weatherstrip inner.

HINT:

Tape the screwdriver tip before use.

- (h) Remove the 2 screws and inside handle.



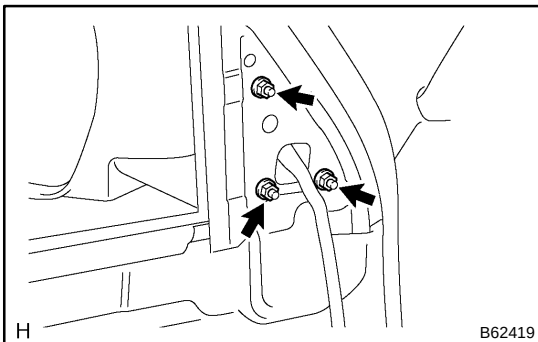
5. REMOVE FRONT DOOR SERVICE HOLE COVER LH

- (a) Remove the screw and reinforcement No. 1.

- (b) Remove the service hole cover.

NOTICE:

Remove the tape remaining on the door side.



6. REMOVE OUTER REAR VIEW MIRROR ASSY LH

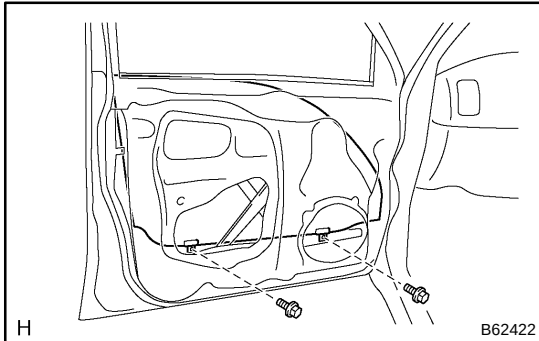
- (a) Disconnect the connector.

- (b) Remove the 3 nuts and mirror.

NOTICE:

When the nuts are removed, the mirror assy may fall and become deformed.

7. REMOVE FRONT NO.1 SPEAKER ASSY (See page 67-11)
8. REMOVE FRONT DOOR WINDOW FRAME MOULDING REAR LH (See page 76-11)
9. REMOVE FRONT DOOR GLASS WEATHERSTRIP ASSY OUTER LH (See page 76-17)

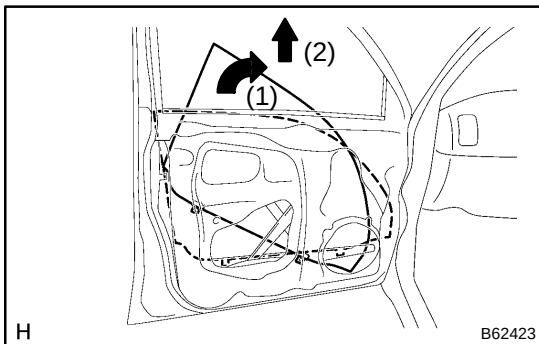


10. REMOVE FRONT DOOR GLASS SUB-ASSY LH

HINT:

Insert a shop rag inside the door panel to prevent the door glass from being scratched.

- (a) Open the door glass until the bolts appear in the service holes.
- (b) Remove the 2 bolts holding the door glass to the window regulator.

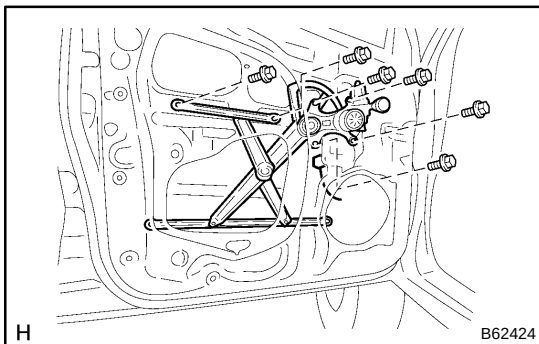


- (c) Remove the door glass in the direction indicated by the arrow mark in the illustration.

NOTICE:

- Do not damage the door glass.
- When the bolts are removed, the door glass may fall and become deformed.

- (d) Remove the glass run.



11. REMOVE FRONT DOOR WINDOW REGULATOR SUB-ASSY LH

- (a) Disconnect the window regulator connector.
- (b) Remove the 6 bolts and window regulator.

NOTICE:

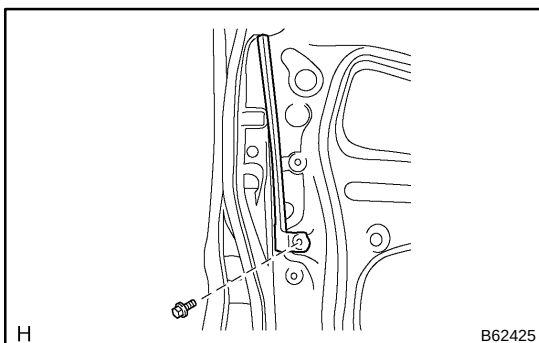
When the bolts are removed, the window regulator sub-assy may fall and become deformed.

HINT:

Remove the window regulator through the service hole.

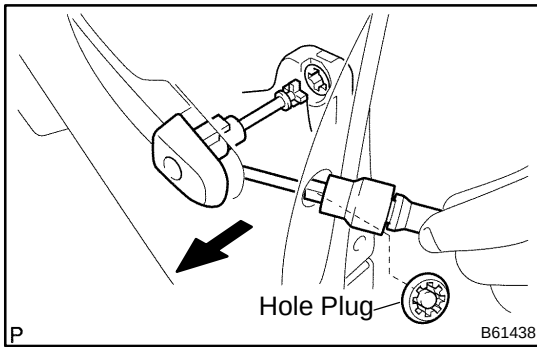
12. REMOVE POWER WINDOW REGULATOR MOTOR ASSY LH

- (a) Using a torx® driver (T25), remove the 3 screws and window regulator motor.

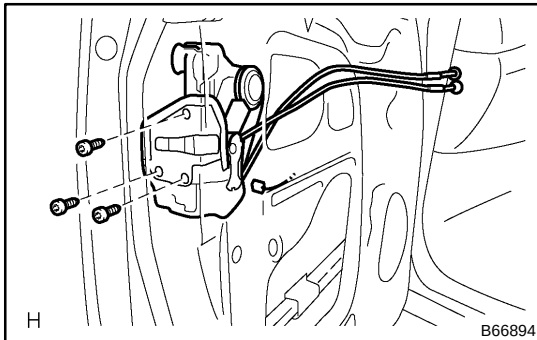


13. REMOVE FRONT DOOR FRAME SUB-ASSY REAR LOWER LH

- (a) Remove the bolt and frame.

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

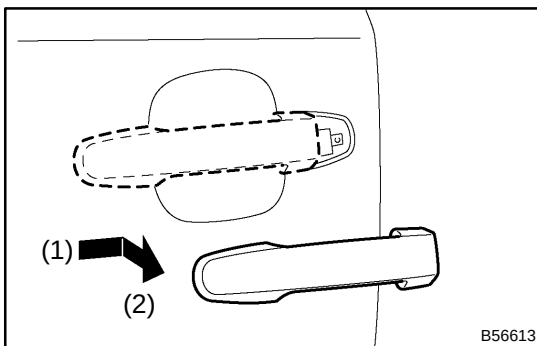
- (a) Remove the hole plug.
- (b) Using a torx® socket wrench (T30), loosen the screw and remove the outside handle cover with the door lock key cylinder installed.

**15. REMOVE FRONT DOOR W/MOTOR LOCK ASSY LH**

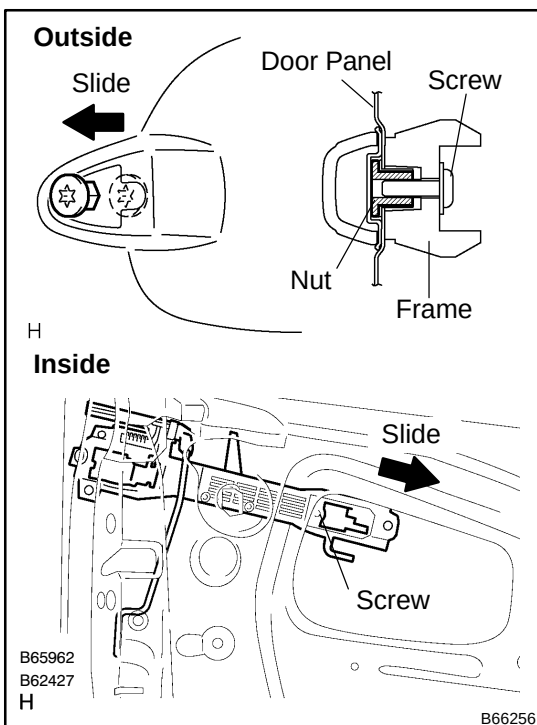
- (a) Disconnect the door lock connector.
- (b) Using a torx® socket wrench (T30), remove the 3 screws and lock.

HINT:

Remove the door lock through the service hole.

**16. REMOVE FRONT DOOR HANDLE ASSY OUTSIDE LH**

- (a) Pushing and pulling the outside handle in the direction indicated by the arrow mark in the illustration, remove the outside handle.
- (b) Remove the outside handle pads front and rear.

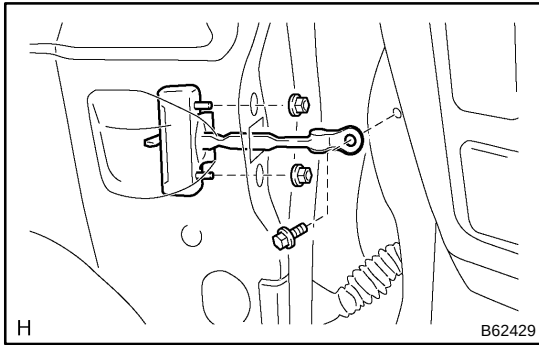
**17. REMOVE FRONT DOOR OUTSIDE HANDLE FRAME SUB-ASSY LH**

- (a) Using a torx® socket wrench (T30), loosen the screw.
- (b) Slide the outside handle frame in the direction indicated by the arrow mark in the illustration, and remove it.

HINT:

Remove the outside handle frame through the service hole.

- (c) Remove the open rod from the outside handle frame.

**18. REMOVE FRONT DOOR CHECK ASSY LH**

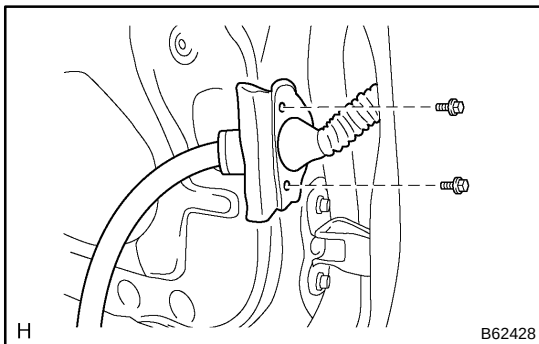
- (a) Remove the 2 nuts, bolt and door check.

19. REMOVE FRONT DOOR WEATHERSTRIP LH

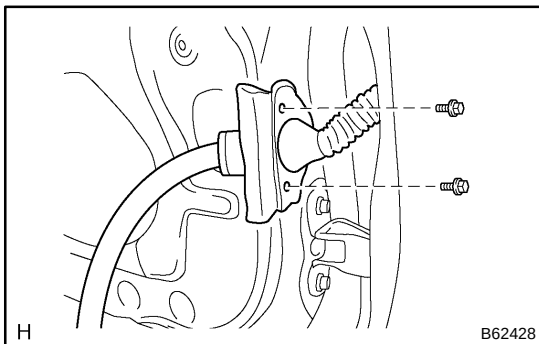
- (a) Using a clip remover, disengage the clips and remove the weatherstrip.

HINT:

If the clips are damaged, replace them with new ones.

**20. REMOVE FRONT DOOR WIRE LH**

- (a) Disconnect the wire clips.
(b) Remove the 2 bolts and wire.

**21. INSTALL FRONT DOOR WIRE LH**

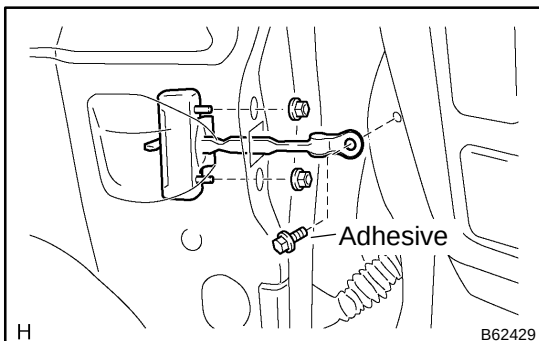
- (a) Install the wire with the 2 bolts.

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

NOTICE:

In order to prevent water leakage, be sure that the lip of the rubber grommet does not turn up or is not deformed when installing the wire.

- (b) Connect the wire clips.

**22. INSTALL FRONT DOOR CHECK ASSY LH**

- (a) Apply MP grease to the sliding area of the door check.
(b) Install the door check to the door panel with the 2 nuts.
Torque: 8.0 N·m (82 kgf·cm, 71 in·lbf)

HINT:

Install the door check so that the rivet head is up.

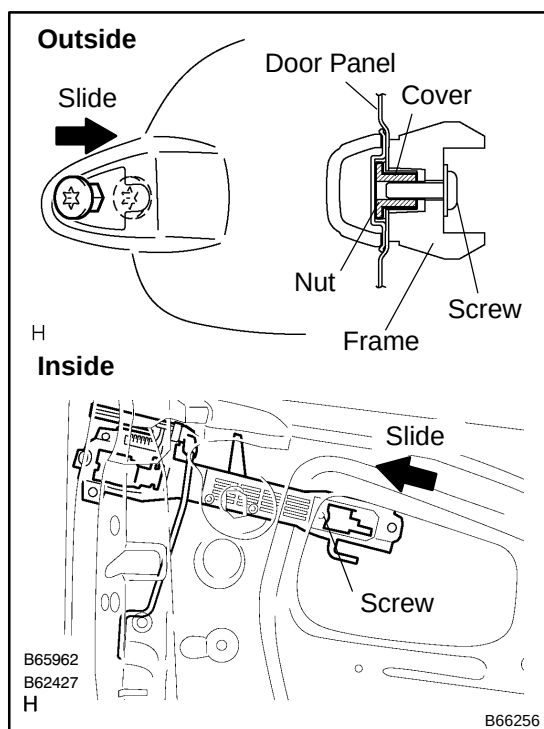
- (c) Apply adhesive to the threads of the bolt.

Adhesive:

Part No. 08833-00070, THREE BOND 1324 or equivalent

- (d) Install the door check to the body with the bolt.

Torque: 26 N·m (265 kgf·cm, 19 ft·lbf)



23. INSTALL FRONT DOOR OUTSIDE HANDLE FRAME SUB-ASSY LH

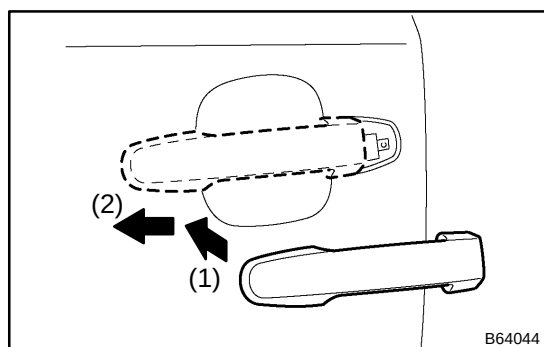
- Install the open rod to the outside handle frame.
- Slide the outside handle frame in the indicated by the arrow mark in the illustration.
- Using a torx[®] socket wrench (T30), install the outside handle frame with the screw.

Torque: 7.0 N·m (71 kgf·cm, 62 in.-lbf)

NOTICE:

Insert a cover between the nut and the door panel.

- Install the outside handle pads front and rear.



24. INSTALL FRONT DOOR HANDLE ASSY OUTSIDE LH

- Install the outside handle by pushing in the direction indicated by the arrow mark in the illustration.

NOTICE:

If the release plate is not pulled and held when installing the outside handle, it will strike against with the outside handle and become damaged.

25. INSTALL FRONT DOOR W/MOTOR LOCK ASSY LH

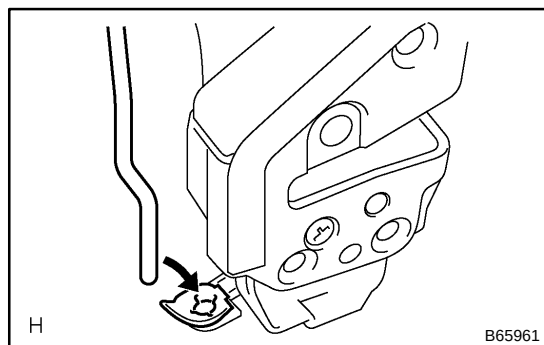
- Apply MP grease to the sliding and area of the door lock.
- Install a new door lock wire harness packing to the door lock.

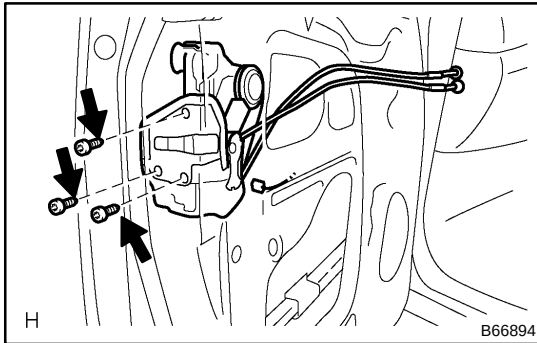
NOTICE:

- When reusing a door lock that has been removed, replace the packing in the connecting part with new packing.
 - Be careful that no grease or dirt sticks to the packing surface in the connecting part.
 - Reusing removed packing or using damaged packing will allow water to penetrate through to the connecting part, resulting in a malfunction of the door lock.
- Insert the open rod into the lock and then set it to the door panel.

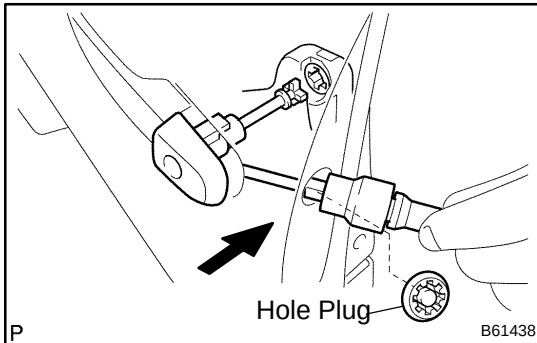
NOTICE:

Make sure that the outside handle link is securely engaged with the door lock.

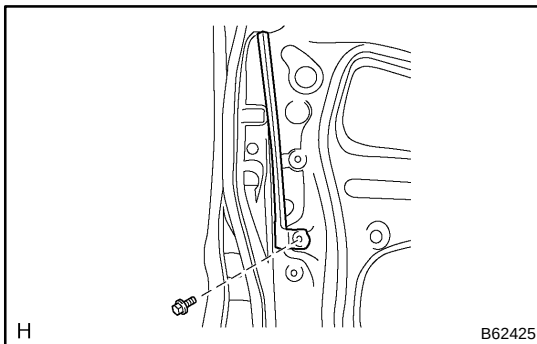




- (d) Apply adhesive to the threads of the screws.
Adhesive:
Part No. 08833-00070, THREE BOND 1324 or equivalent
- (e) Using a torx[®] socket wrench (T30), install the lock with the 3 screws.
Torque: 5.0 N·m (51 kgf·cm, 42 in·lbf)
- (f) Connect the lock connector.



- 26. INSTALL FRONT DOOR OUTSIDE HANDLE COVER**
- (a) Using a torx[®] socket wrench (T30), install the outside handle cover with the screw.
Torque: 7.0 N·m (71 kgf·cm, 62 in·lbf)
- (b) Install the hole plug.



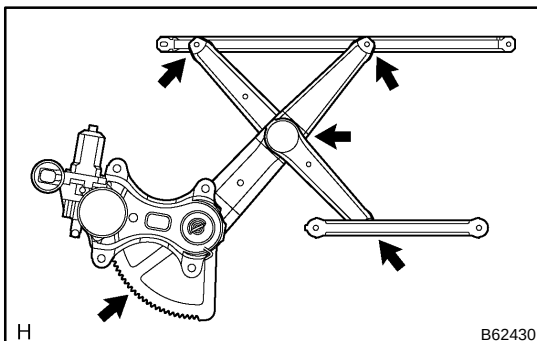
- 27. INSTALL FRONT DOOR FRAME SUB-ASSY REAR LOWER LH**
- (a) Install the frame with the bolt.
Torque: 8.0 N·m (82 kgf·cm, 71 in·lbf)

28. INSTALL POWER WINDOW REGULATOR MOTOR ASSY LH

- (a) Using a torx[®] driver (T25), install the regulator motor with the 3 screws.
Torque: 5.4 N·m (55 kgf·cm, 48 in·lbf)

HINT:

Never rotate the motor assy counterclockwise until the window glass installation is done.

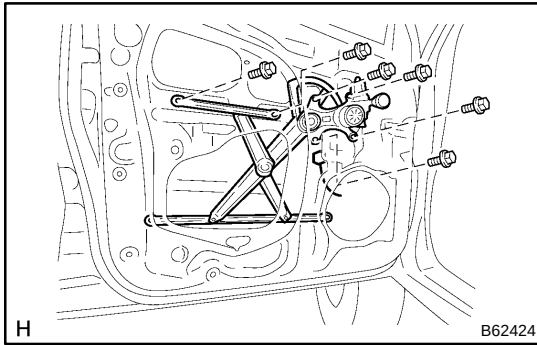


29. INSTALL FRONT DOOR WINDOW REGULATOR SUB-ASSY LH

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

NOTICE:

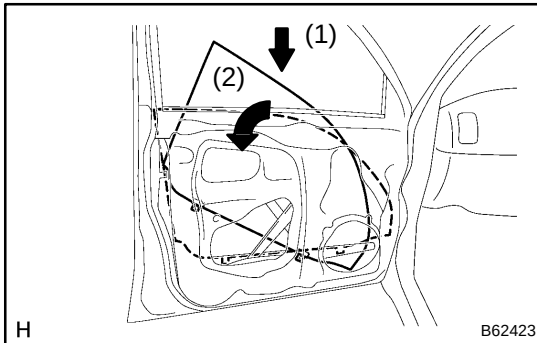
Do not apply grease to the spring of the window regulator.



- (b) Install the window regulator with 6 bolts.
Torque: 8.0 N·m (82 kgf·cm, 71 in.-lbf)
 (c) Connect the window regulator connector.

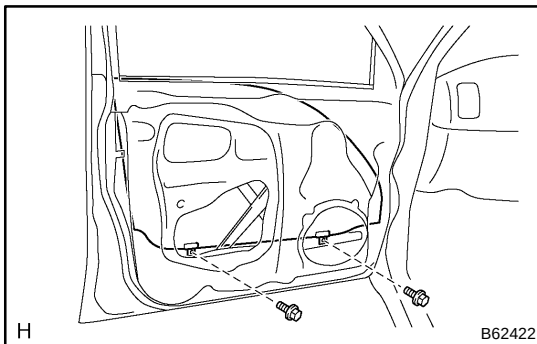
NOTICE:

Be careful not to drop the door window regulator as this may cause deformation.

**30. INSTALL FRONT DOOR GLASS SUB-ASSY LH****NOTICE:**

Do not damage the door glass.

- (a) Install the glass run.
 (b) Insert the door glass into the door panel along the glass run in the direction indicated by the arrow mark in the illustration.



- (c) Install the door glass to the window regulator with the 2 bolts.

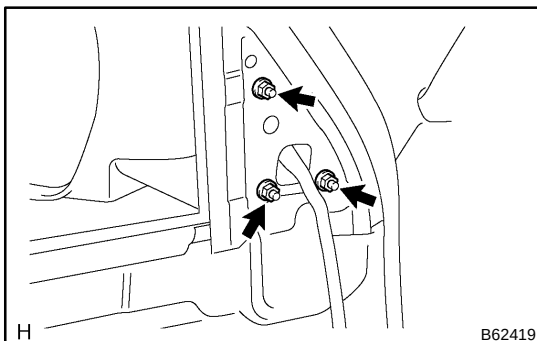
Torque: 8.0 N·m (82 kgf·cm, 71 in.-lbf)

- (d) Reset the power window motor (See page 70-12).
 (e) Inspect operation of the power window.

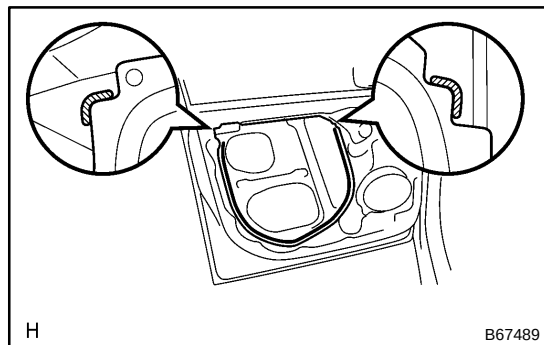
HINT:

When the installation point of the door glass does not match, adjust the regulator position in 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 in manual operation.

**31. INSTALL OUTER REAR VIEW MIRROR ASSY LH**

- (a) Install the mirror with the 3 nuts.
Torque: 8.0 N·m (82 kgf·cm, 71 in.-lbf)
 (b) Connect the mirror connector.

**32. INSTALL FRONT DOOR SERVICE HOLE COVER LH**

- (a) Apply butyl tape to the door panel, as shown in the illustration.
- (b) Install the service hole cover.

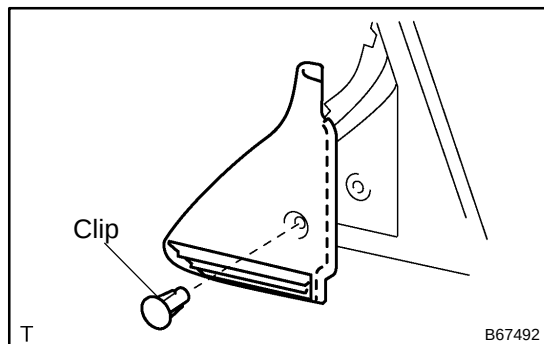
HINT:

- 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, confirm the sealing condition.

OVERHAUL

HINT:

- The installation is in the reverse order of the removal. However, when there is a special point concerning the installation, it is indicated.
 - On the RH side, use the same procedures as on the LH side.
1. **REMOVE REAR DOOR WINDOW FRAME MOULDING REAR LH (See page 76-15)**
 2. **REMOVE REAR DOOR WINDOW FRAME MOULDING SUB-ASSY LH (See page 76-13)**



3. REMOVE SLIDE DOOR WINDOW GARNISH LH

- (a) Fully open the slide door window.
- (b) Remove the glass run.
- (c) Using a screwdriver, disengage the clip and remove the garnish.

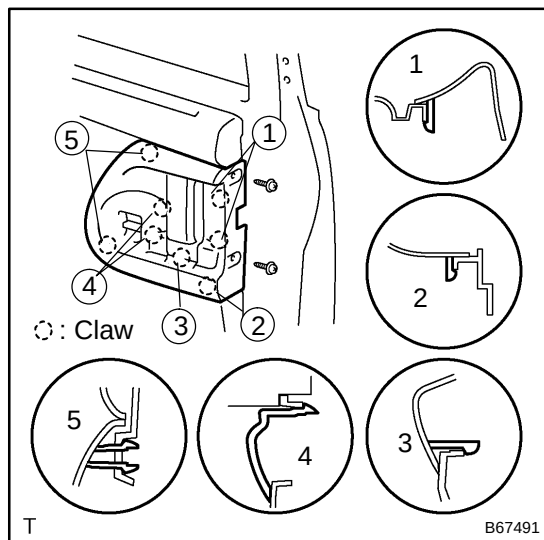
HINT:

Tape the screwdriver tip before use.

- (d) Using a screwdriver, disengage the 2 claws and remove the weatherstrip inner from the garnish.

HINT:

Tape the screwdriver tip before use.



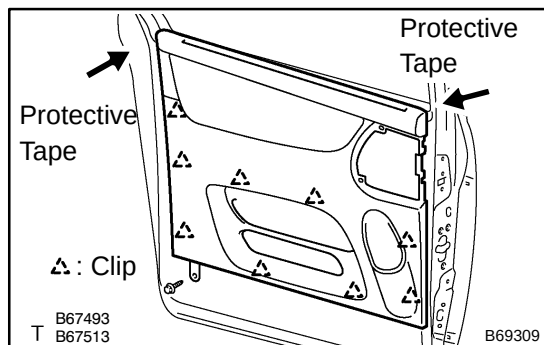
4. REMOVE SIDE TRIM BOARD COVER REAR LH

- (a) Remove the 2 screws.
- (b) Using a screwdriver, disengage the 8 claws and remove the cover together with the window control switch.

HINT:

Tape the screwdriver tip before use.

- (c) Remove the 2 screws and window control switch.



5. REMOVE REAR DOOR TRIM BOARD SUB-ASSY LH

- (a) Remove the screw.
- (b) Using a screwdriver, disengage the 9 clips and remove the trim board.

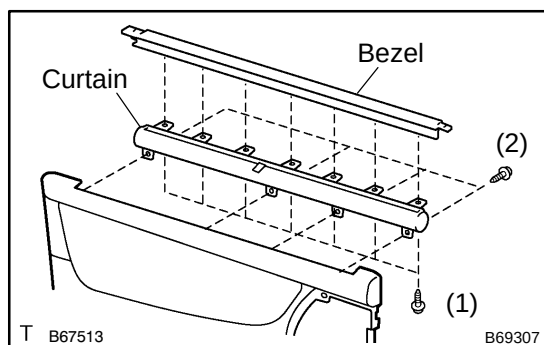
HINT:

- Tape the screwdriver tip before use.
- In order to prevent the door panel from being damaged, cover the areas with protective tape as indicated by arrow marks in the illustration.

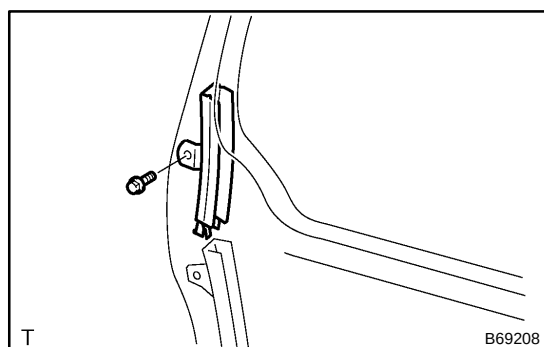
- (c) Using a clip remover, remove the 6 clips and weatherstrip No. 2.
- (d) Using a screwdriver, disengage the 11 claws and remove the weatherstrip inner from trim board.

HINT:

Tape the screwdriver tip before use.

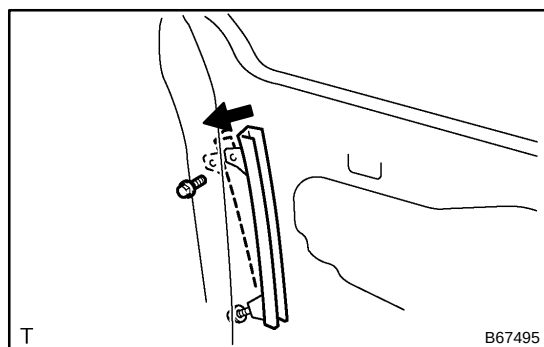


- (e) w/ Sunshade:
Remove the sunshade.
- (1) Remove the 7 screws and sunshade bezel.
- (2) Remove the 4 screws and curtain.

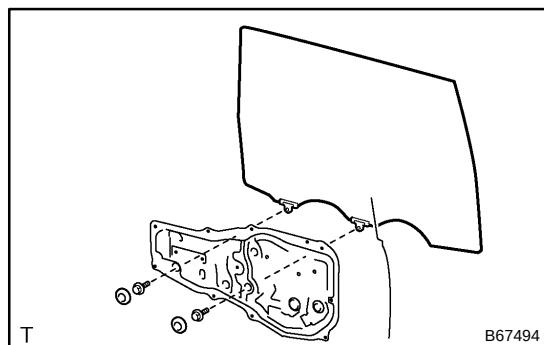


6. REMOVE SLIDE DOOR WINDOW ASSY LH

- (a) w/ Sunshade:
Remove the sunshade hook.
- (b) Remove the bolt and window frame.



- (c) Remove the bolt.
- (d) Loosen the nut.
- (e) Push the window frame rear lower in the direction indicated by the arrow mark in the illustration.



- (f) Remove the 2 hole plugs.
- (g) Move the window until the bolts appear in the service holes.

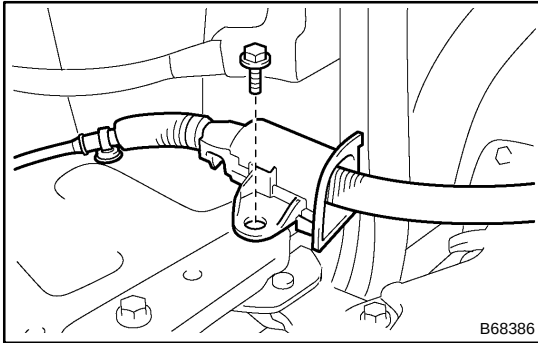
NOTICE:

- Do not damage the window assy.
- When the bolts are removed, the window assy may fall and become deformed.

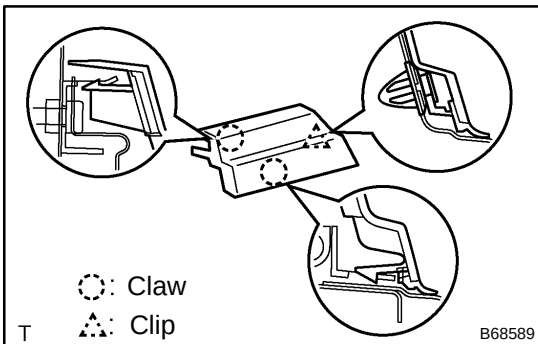
- (h) Remove the 2 bolts and window.

7. REMOVE REAR DOOR GLASS WEATHERSTRIP ASSY OUTER LH (See page 76-18)**8. REMOVE SLIDE DOOR**

- (a) Remove the rear door scuff plate (See page 76-27).
- (b) Remove the back door scuff plate (See page 76-27).
- (c) Remove the quarter trim pane (See page 76-27).
- (d) Remove the upper rail cushion from the rail upper.



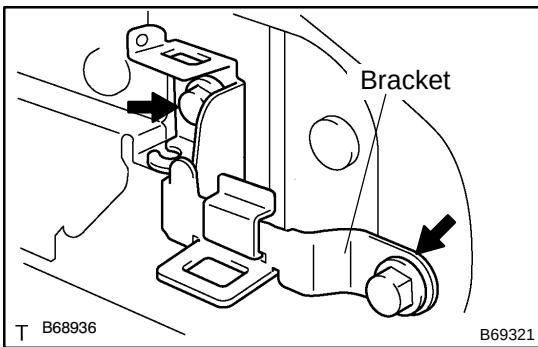
- (e) Disconnect the 2 connectors from the body side and remove the bolt and wire.



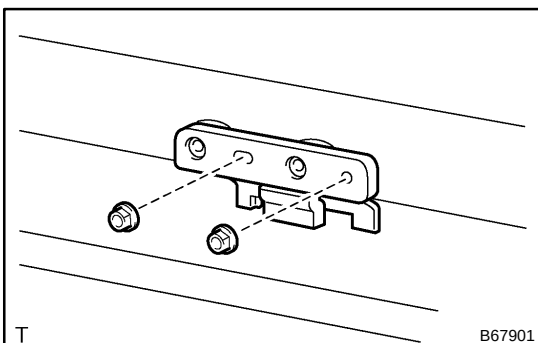
- (f) Open the quarter glass.
- (g) Using a screwdriver, disengage the clip and 2 claws, remove the rail end moulding.

HINT:

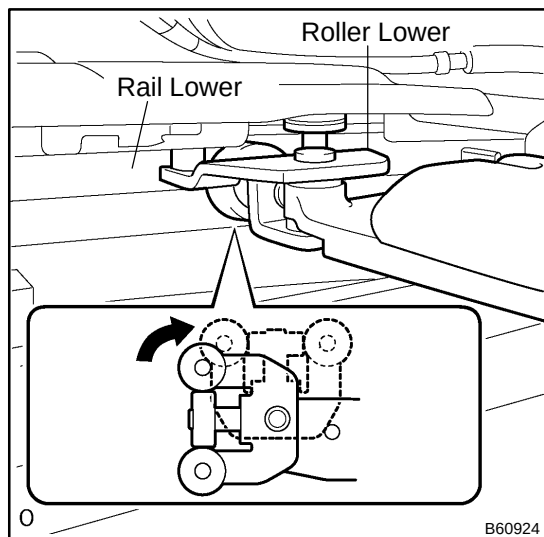
Tape the screwdriver tip before use.



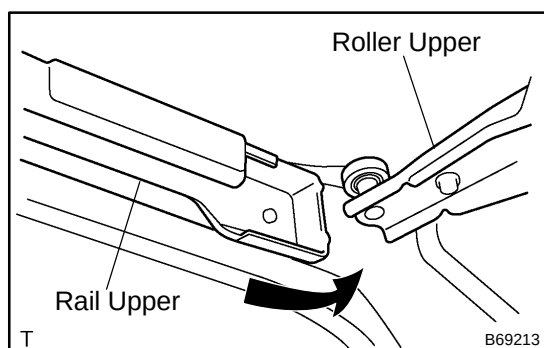
- (h) Remove the 2 bolts and bracket center No. 2.



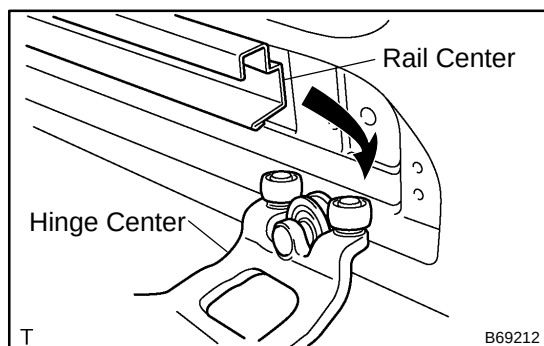
- (i) Remove the 2 nuts and open stop.



- (j) Rotate the base of the slide door roller lower in the direction indicated by arrow in the illustration and then remove the roller from the cut area of the lower rail from the body side.



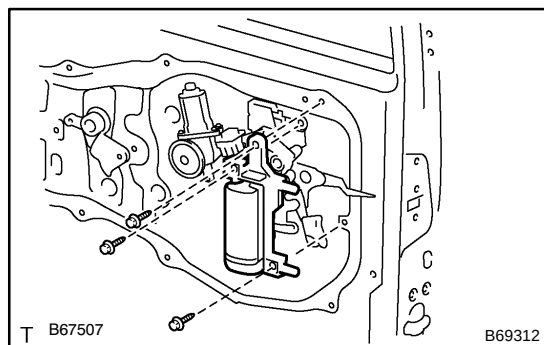
- (k) Move the slide door rearward and then remove the slide door roller upper from the cut area in the rear part of the slide door rail upper.



- (l) Move the slide door further rearward and then remove the slide door hinge center from the rear part of the slide door rail center. Then, remove the slide door.

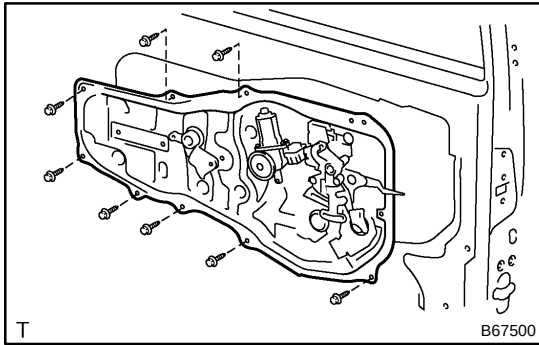
9. REMOVE SLIDE DOOR RAILS

- Remove the roof headlining (See page 76-27).
- Remove the 2 bolts, 2 nuts and the rail upper.
- Remove the 2 screws and the rear side rail.
- Remove the 3 screws and the rail center.

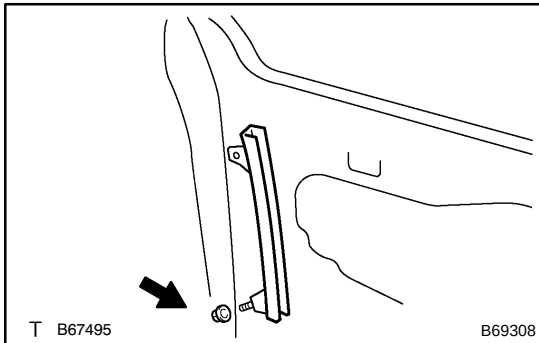


10. REMOVE SLIDE DOOR ATTACHMENT CONTROL LH

- Remove the 2 screws, bolt and inside handle.



- (b) Disconnect the connectors from the lock actuator and power window regulator motor.
- (c) Disengage the control cables.
- (d) Remove the 8 bolts and attachment control.



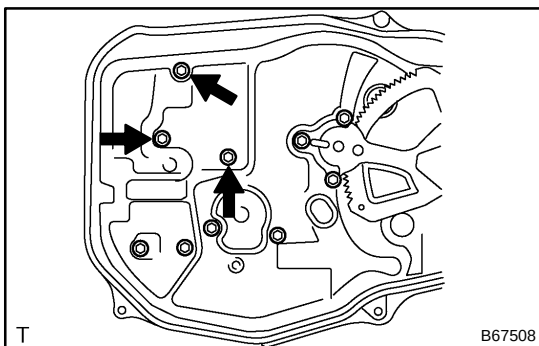
- (e) Remove the nut and the window frame rear lower.

NOTICE:

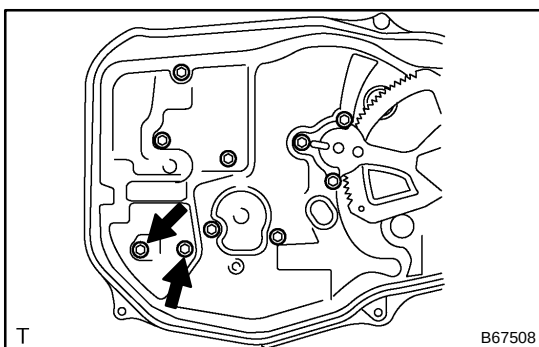
When the nut is removed, the window frame may fall and become deformed.

HINT:

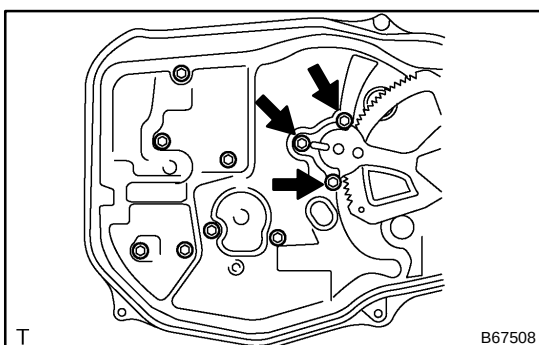
Remove the window frame rear lower through the service hole.



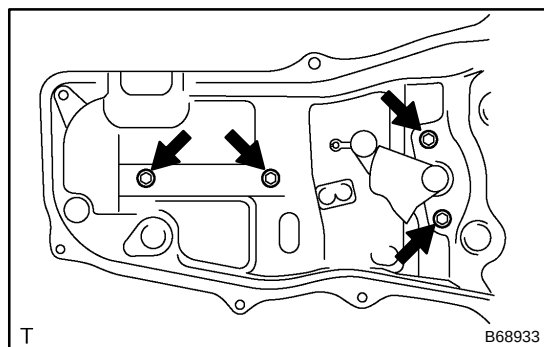
- (f) Remove the control rod.
- (g) Remove the 3 bolts and lock remote control.



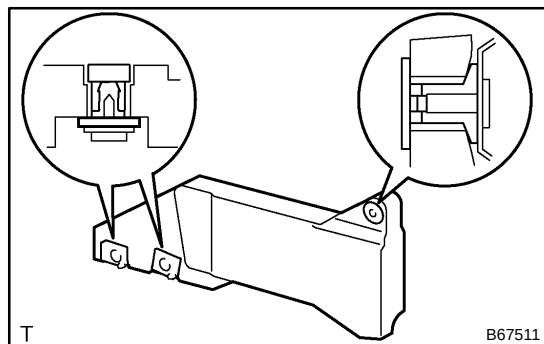
- (h) Remove the 2 screws and lock actuator.



- (i) Remove the 3 screws and power window regulator motor.

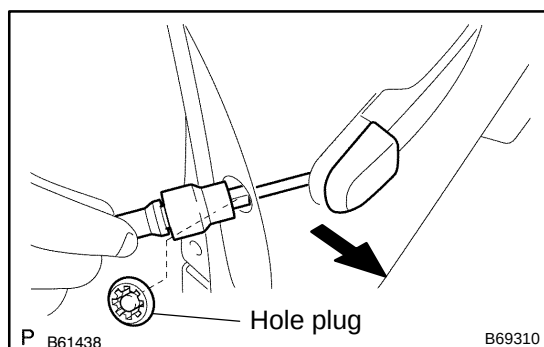


- (j) Remove the half stop control lever and door lock control bellcrank.
- (k) Remove the 4 bolts and window regulator.



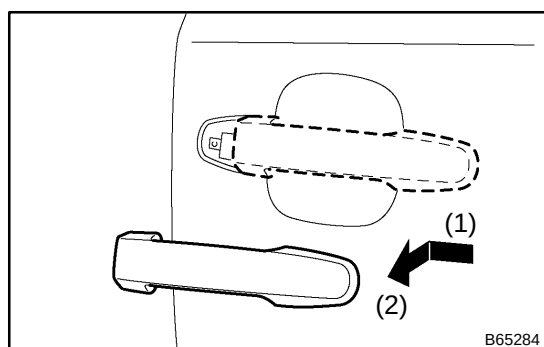
11. REMOVE REAR DOOR STIFFENER CUSHION LH

- (a) Remove 2 hole plugs.
 - (b) Remove the 2 screws, clip and stiffener cushion.
- HINT:
Remove the stiffener cushion through the service hole.
- (c) Remove the 2 grommets and 2 clips.



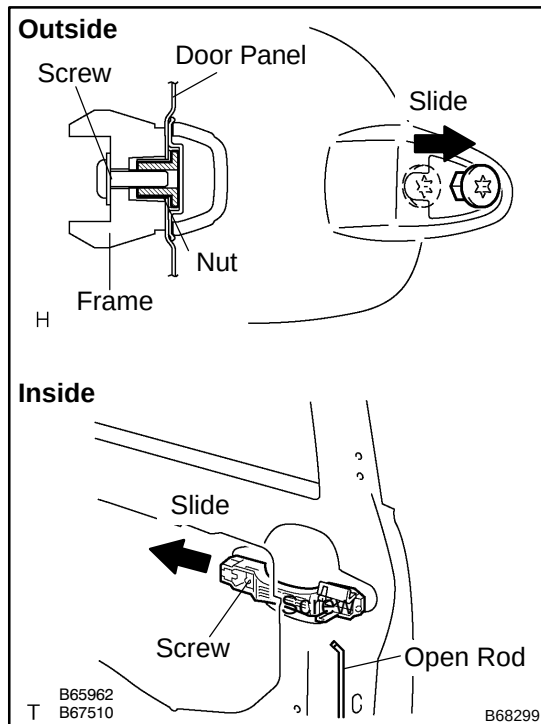
12. REMOVE REAR DOOR OUTSIDE HANDLE COVER LH

- (a) Remove the hole plug.
- (b) Using a torx[®] socket wrench (T30), loosen the screw and remove the outside handle cover with the lock key cylinder installed.



13. REMOVE REAR DOOR OUTSIDE HANDLE ASSY LH

- (a) Pushing and pulling the outside handle in the direction indicated by the arrow mark in the illustration, remove the outside handle.
- (b) Remove the outside handle pads front and rear.

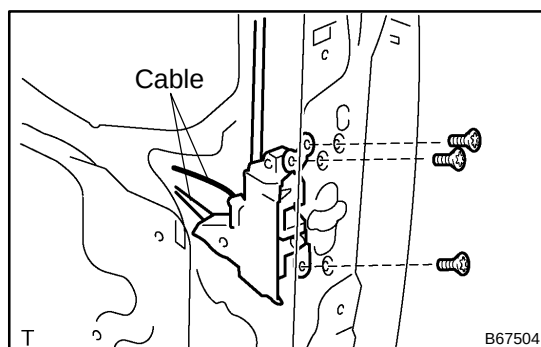


14. REMOVE REAR DOOR OUTSIDE HANDLE FRAME SUB-ASSY LH

- Remove the open rod to the outside handle frame.
- Using a torx® socket wrench (T30), loosen the screw.
- Slide the outside handle frame in the direction indicated by the arrow mark in the illustration and remove it.

HINT:

Remove the outside handle frame through the service hole.

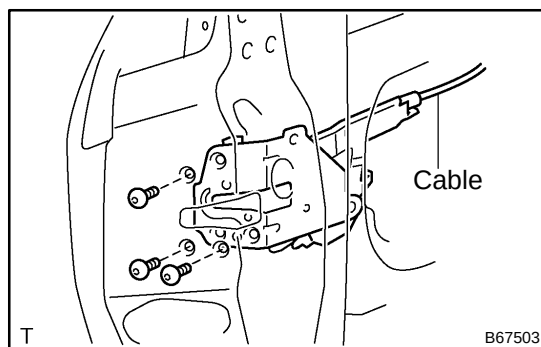


15. REMOVE SLIDE DOOR LOCK ASSY FRONT LH

- Remove the 2 cables.
- Using a torx® socket wrench (T30), remove the 3 screws and lock.

HINT:

Remove the lock through the service hole.

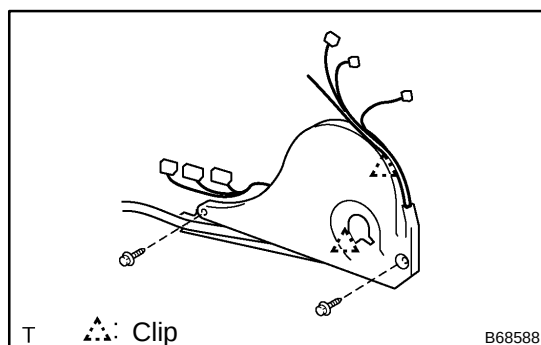


16. REMOVE REAR DOOR LOCK ASSY LH

- Remove the cable.
- Using the torx® socket wrench (T30), remove the 3 screws and lock.

HINT:

Remove the lock through the service hole.

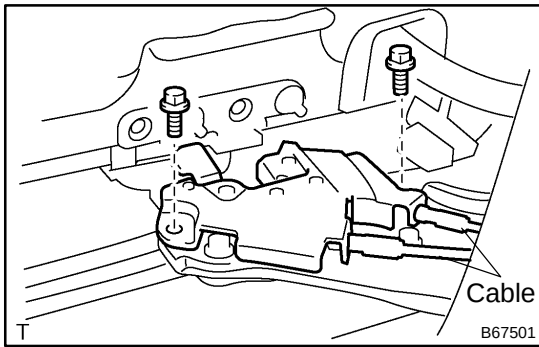


17. REMOVE REAR DOOR WIRE SUB-ASSY LH

- Remove the 2 screws.
- Using a screwdriver, remove the 2 clips and door wire.

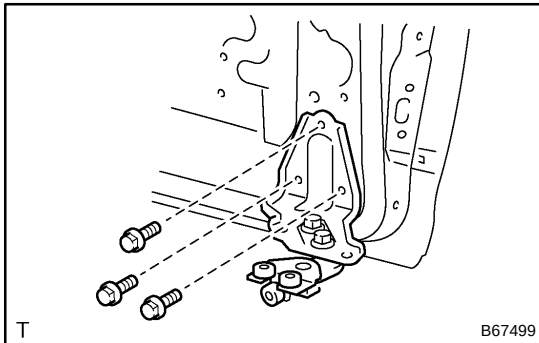
HINT:

Tape the screwdriver tip before use.



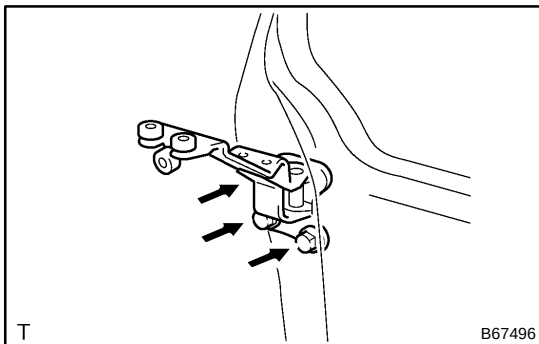
18. REMOVE SLIDE DOOR FULL OPEN STOP LOCK ASSY LH

- (a) Disconnect the 2 cables.
- (b) Remove the 2 bolts and lock.



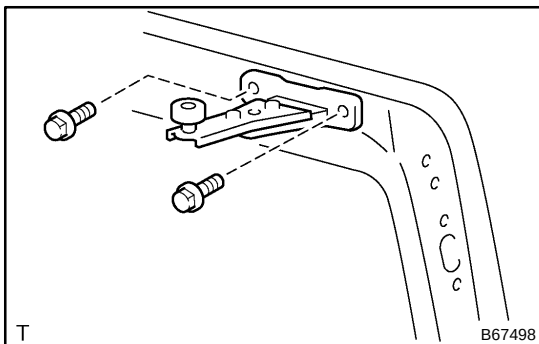
19. REMOVE SLIDE DOOR ROLLER ASSY LOWER LH

- (a) Remove the 3 bolts and roller.



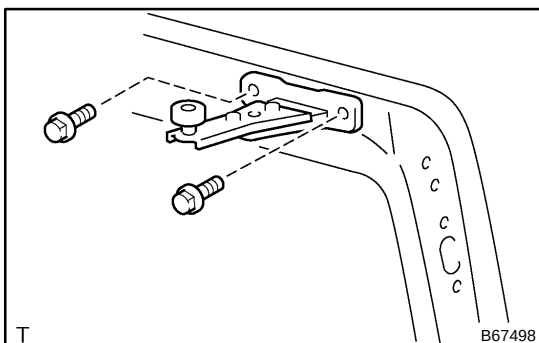
20. REMOVE SLIDE DOOR HINGE ASSY CENTER LH

- (a) Remove the 3 bolts and hinge.
- (b) LH side:
Remove the cover.



21. REMOVE SLIDE DOOR ROLLER ASSY UPPER

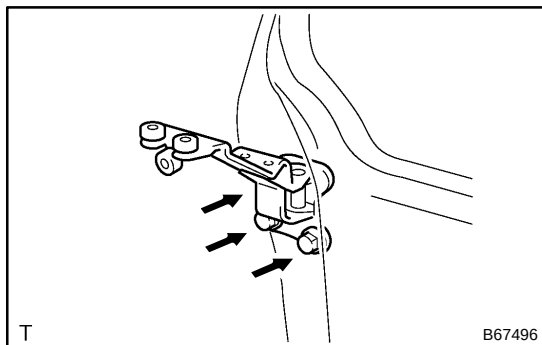
- (a) Remove the 2 bolts and roller.



22. INSTALL SLIDE DOOR ROLLER ASSY UPPER

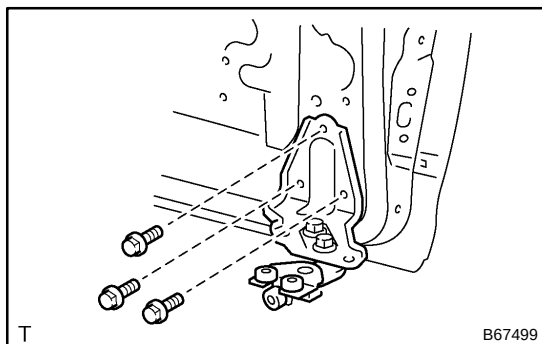
- (a) Apply MP grease to the rotating areas of the roller.
- (b) Install the roller with the 2 bolts.

Torque: 13 N·m (130 kgf·cm, 10 ft·lbf)

**23. INSTALL SLIDE DOOR HINGE ASSY CENTER LH**

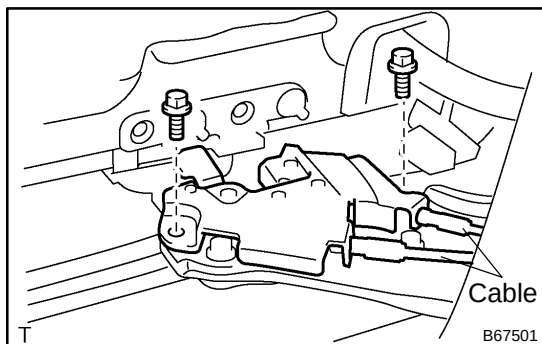
- (a) Apply MP grease to the rotating areas of the hinge.
- (b) Install the hinge with the 3 bolts.

Torque: 31 N·m (316 kgf·cm, 23 ft·lbf)

**24. INSTALL SLIDE DOOR ROLLER ASSY LOWER LH**

- (a) Apply MP grease to the rotating areas of the roller.
- (b) Install the roller lower with the 3 bolts.

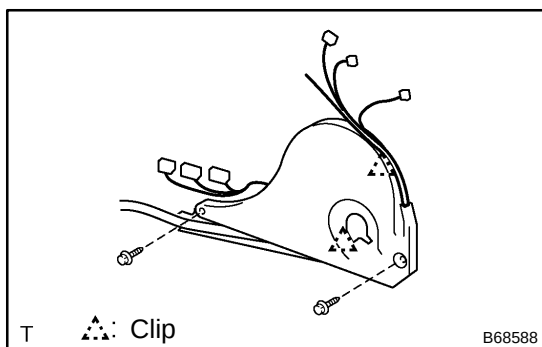
Torque: 31 N·m (316 kgf·cm, 23 ft·lbf)

**25. INSTALL SLIDE DOOR FULL OPEN STOP LOCK ASSY LH**

- (a) Apply MP grease to the sliding and rotating areas of the lock.
- (b) Install the lock with the 2 bolts.

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

- (c) Connect the 2 cables.

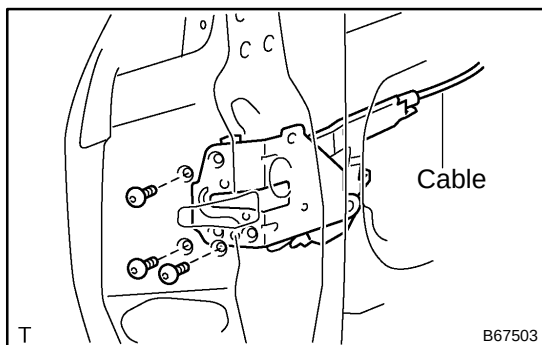
**26. INSTALL REAR DOOR WIRE SUB-ASSY LH**

- (a) Install the wire.

NOTICE:

When installing the wire, push the areas where the clips are installed in order to prevent damage and deformation.

- (b) Install the 2 screws.

**27. INSTALL REAR DOOR LOCK ASSY LH**

- (a) Apply MP grease to the sliding and rotating areas of the lock.
- (b) Apply adhesive to the threads of the screws.

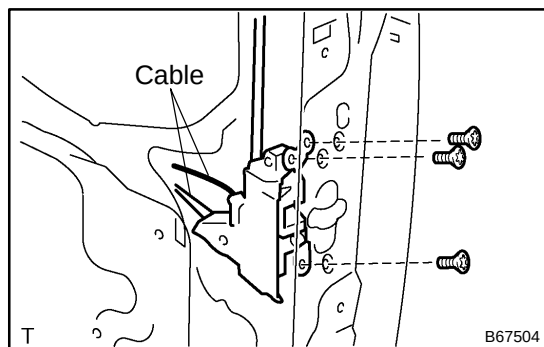
Adhesive:

Part No. 08833-00070, THREE BOND 1324 or equivalent

- (c) Install the lock to the door panel with the 3 screws.

Torque: 5.0 N·m (51 kgf·cm, 44 in·lbf)

- (d) Connect the cable.

**28. INSTALL SLIDE DOOR LOCK ASSY FRONT LH**

(a) Apply MP grease to the sliding and rotating areas of the lock.

(b) Apply adhesive to the threads of the screws.

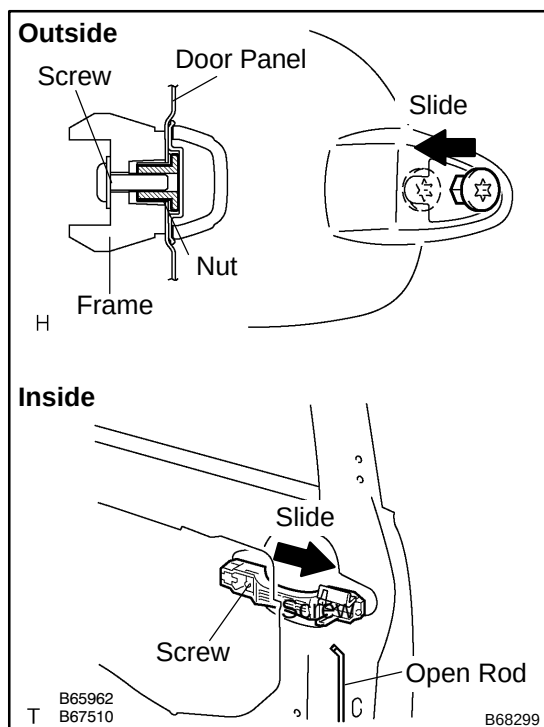
Adhesive:

Part No. 08833-00070, THREE BOND 1324 or equivalent

(c) Install the lock front to the door panel with the 3 screws.

Torque: 5.0 N·m (51 kgf·cm, 44 in·lbf)

(d) Connect the 2 cables.

**29. INSTALL REAR DOOR OUTSIDE HANDLE FRAME SUB-ASSY LH**

(a) Apply MP grease to the sliding and rotating parts of the outside handle frame.

(b) Slide the outside handle frame in the direction indicated by the arrow mark in the illustration.

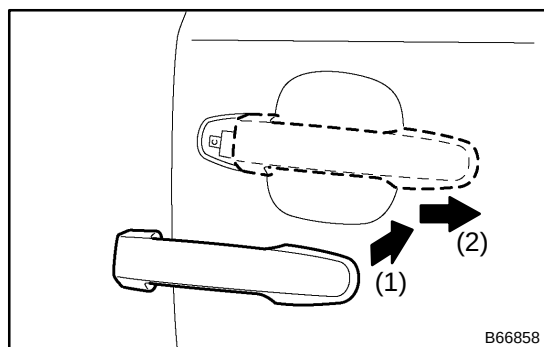
(c) Using a torx® socket wrench (T30), install the outside handle frame with the screw.

Torque: 7.0 N·m (71 kgf·cm, 62 in·lbf)

NOTICE:

Insert a cover between the nut and the door panel.

(d) Install the open rod.

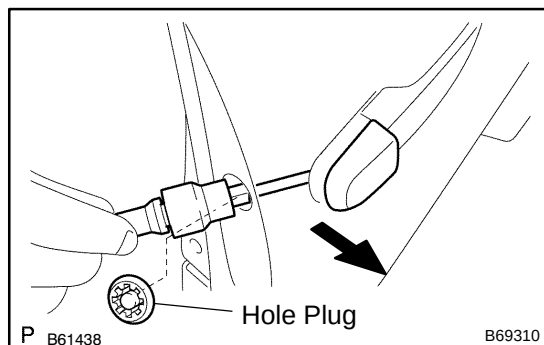
**30. INSTALL REAR DOOR OUTSIDE HANDLE ASSY LH**

(a) Install the outside handle pads front and rear.

(b) Pushing the outside handle in the direction indicated by the arrow mark in the illustration, install the outside handle.

NOTICE:

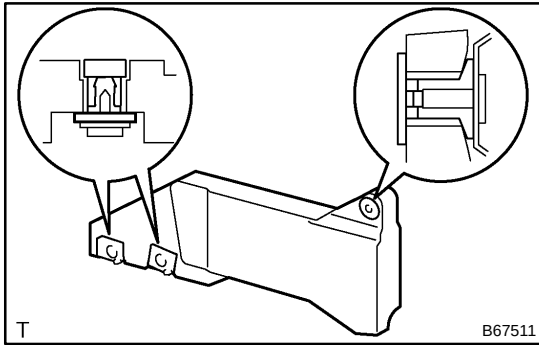
If the release plate is not pulled and held when installing the outside handle, it will strike against with the outside handle and become damaged.

**31. INSTALL REAR DOOR OUTSIDE HANDLE COVER LH**

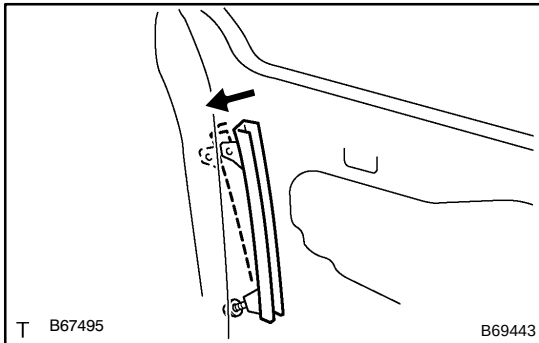
(a) Using a torx® socket wrench (T30), install the outside handle cover with the screw.

Torque: 7.0 N·m (71 kgf·cm, 62 in·lbf)

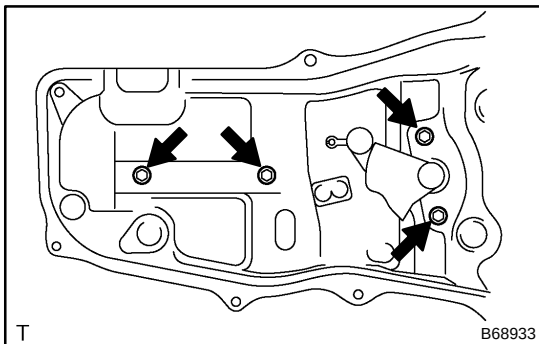
(b) Install the hole plug.

**32. INSTALL REAR DOOR STIFFENER CUSHION LH**

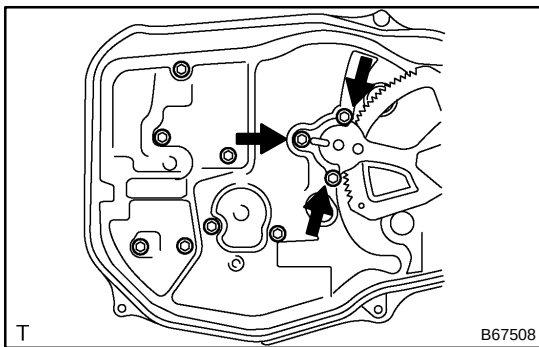
- (a) Install the 2 grommets and 2 clips.
- (b) Install the stiffener cushion with the clip and 2 screws.

**33. INSTALL SLIDE DOOR ATTACHMENT CONTROL LH**

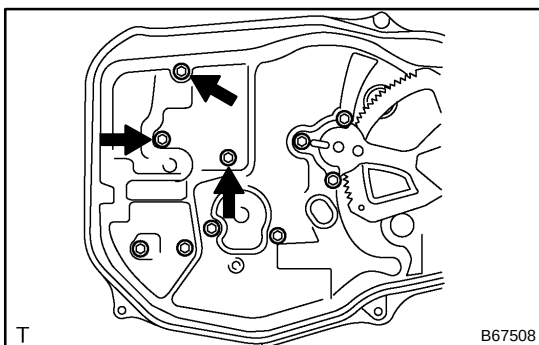
- (a) Temporarily install the window frame rear lower with the nut.
- (b) Move the window frame rear lower in the direction indicated by the arrow mark in the illustration.



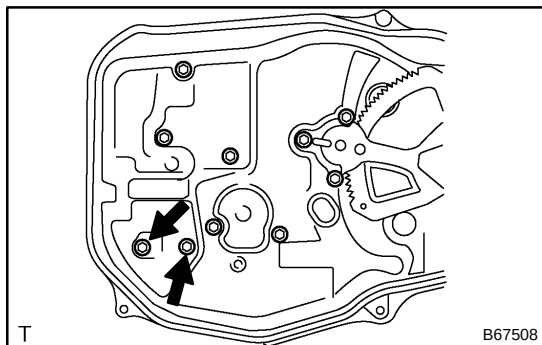
- (c) Apply MP grease to the sliding and rotating areas of the window regulator.
- (d) Install the window regulator with the 4 bolts.
Torque: 7.0 N·m (71 kgf·cm, 62 in·lbf)
- (e) Install the half stop control lever and door lock control bell-crank.



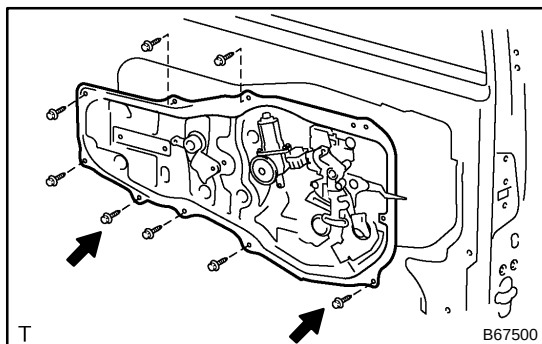
- (f) Install the power window regulator motor with the 3 screws.
Torque: 5.5 N·m (58 kgf·cm, 49 in·lbf)



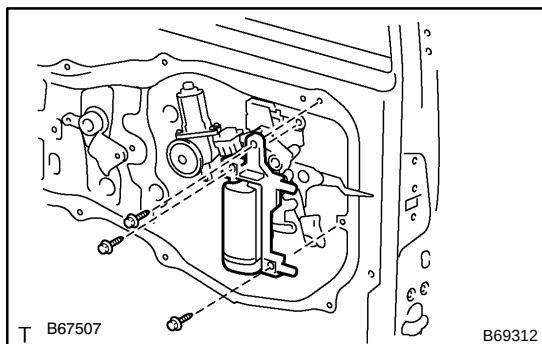
- (g) Apply MP grease to the sliding and rotating areas of the lock remote control.
- (h) Install the lock remote control with the 3 bolts.
Torque: 5.5 N·m (58 kgf·cm, 49 in·lbf)



- (i) Apply MP grease to the sliding and rotating areas of the lock actuator.
- (j) Install the lock actuator with 2 screws.
Torque: 5.5 N·m (58 kgf·cm, 49 in·lbf)

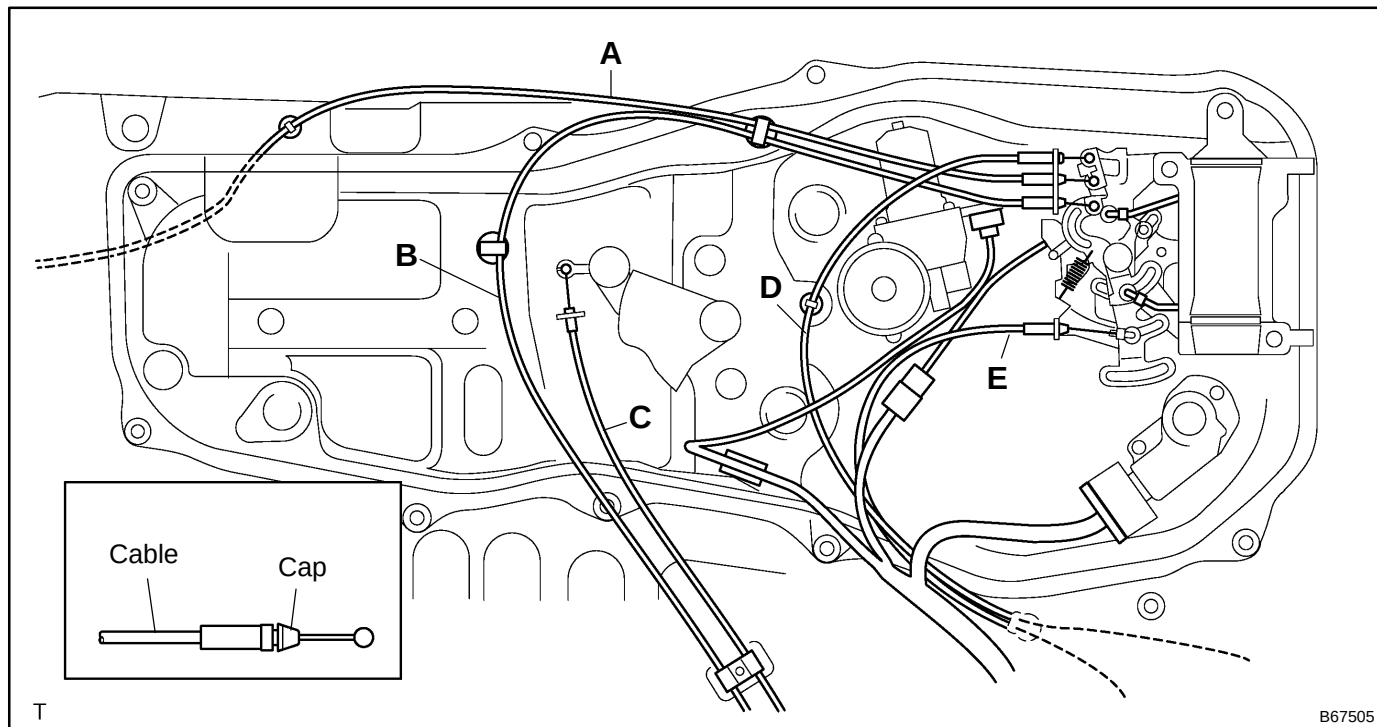


- (k) Install the attachment control with the 8 bolts.
Torque: 8.0 N·m (82 kgf·cm, 71 in·lbf)



- (l) Install the inside handle with the 2 screws and bolt.
Torque: 7.0 N·m (71 kgf·cm, 62 in·lbf)

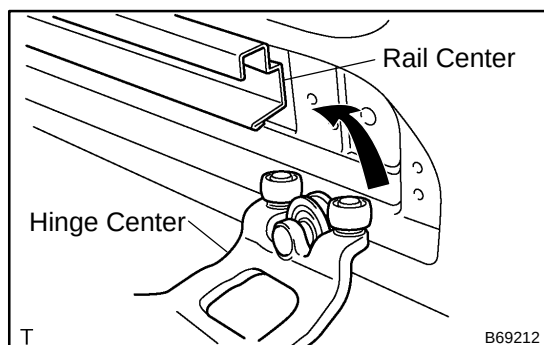
(m) Install the control cables and the wires.



No.	Cap Color	Control
A	Gray	Rear Lock Cable
B	Black	Full Open Lock Cable
C	-	Half Open Stopper Cable
D	Green	Front Lock Cable
E	Yellow	Outside Handle Cable

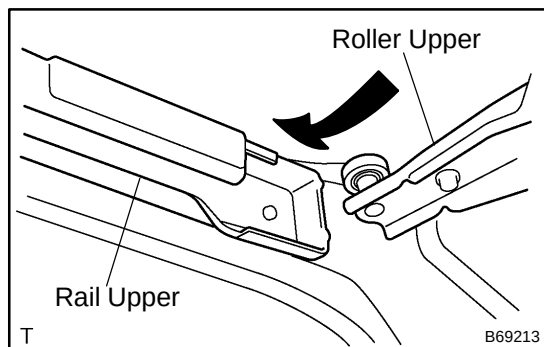
34. INSTALL SLIDE DOOR RAILS

- Install the rail center with the 3 screws.
Torque: 26 N·m (265 kgf·cm, 19 ft·lbf)
- Install the rear side rail with the 2 screws.
Torque: 19.5 N·m (200 kgf·cm, 14 ft·lbf)
- Install the rail upper with the 2 bolts and 2 nuts.
Torque: 10 N·m (102 kgf·cm, 8 ft·lbf)
- Install the roof headlining (See page [76-27](#)).

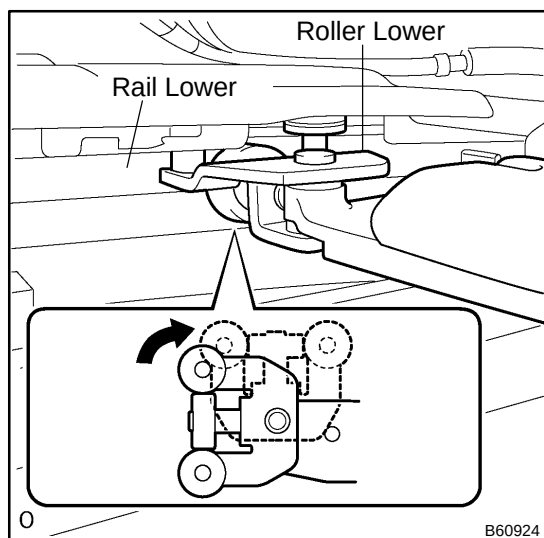


35. INSTALL SLIDE DOOR

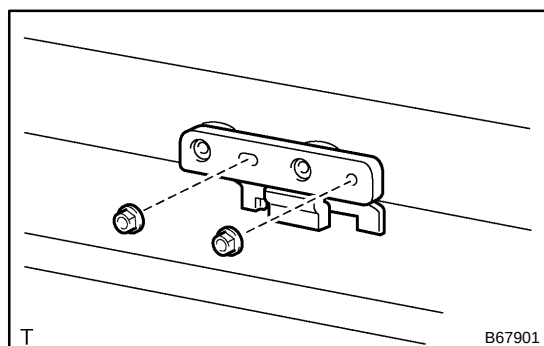
- Put in the slide door hinge center from the rear part of the slide door rail center.



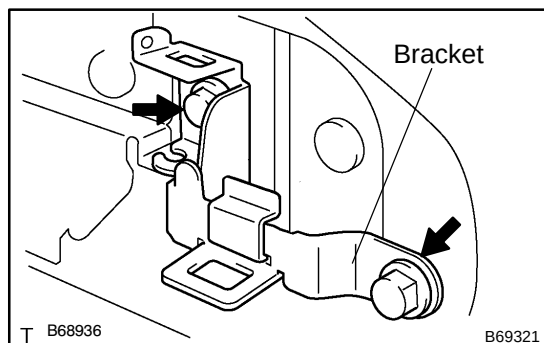
- (b) Move the slide door forward and then put in the slide door roller upper into the cut area of the slide door rail upper.



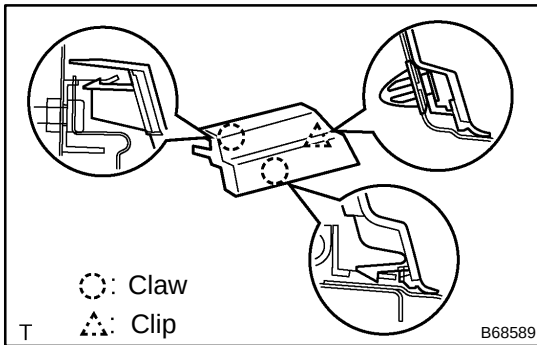
- (c) Rotate the base of the slide door roller lower in the direction indicated by arrow in the illustration and then put in the roller lower into the cut area of the rail lower of the body.



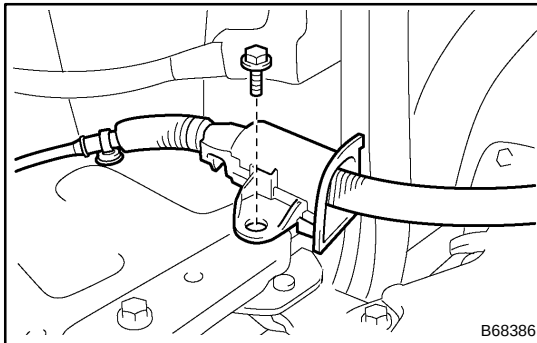
- (d) Install the open stop with the 2 nuts.
Torque: 7.0 N·m (71 kgf·cm, 62 in·lbf)



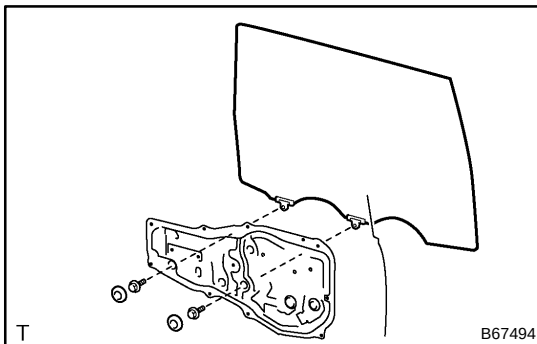
- (e) Install the bracket center No. 2 with the 2 bolts.
Torque: 7.0 N·m (71 kgf·cm, 62 in·lbf)



- (f) Install the rail end moulding.
- (g) Install the upper rail cushion to the rail upper.

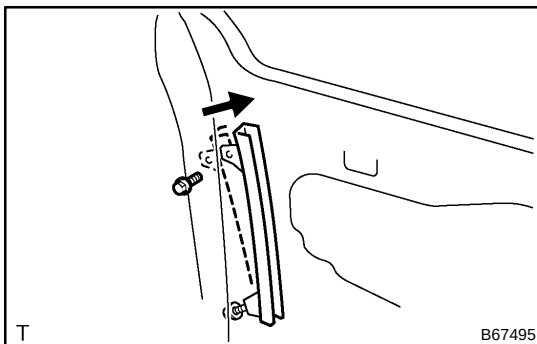


- (h) Install the wire with the bolt.
Torque: 7.0 N·m (71 kgf·cm, 62 in·lbf)
- (i) Connect the 2 connectors.
- (j) Install the quarter trim panel (See page 76-27).
- (k) Install the back door scuff plate (See page 76-27).
- (l) Install the rear door scuff plate (See page 76-27).

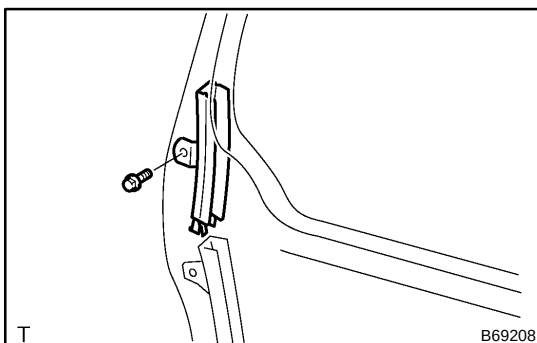


36. INSTALL SLIDE DOOR WINDOW ASSY LH

- (a) Open the door glass until the bolts appear in the service holes.
- (b) Install the window with the 2 bolts.
Torque: 8.0 N·m (82 kgf·cm, 71 in·lbf)
- (c) Install the hole plug.



- (d) Put the window frame rear lower in the original position and tighten the nut.
Torque: 8.0 N·m (82 kgf·cm, 71 in·lbf)
- (e) Install the bolt.
Torque: 8.0 N·m (82 kgf·cm, 71 in·lbf)

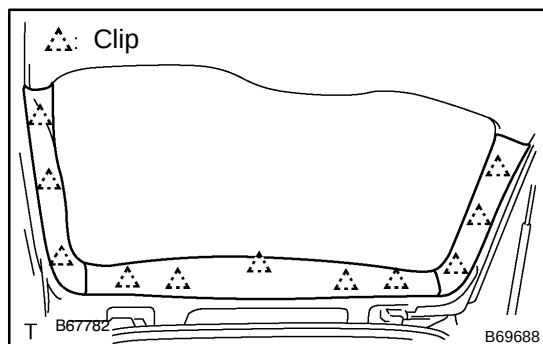


- (f) Install the window frame with the bolt.
Torque: 8.0 N·m (82 kgf·cm, 71 in·lbf)
- (g) Install the glass run.

OVERHAUL

HINT:

The installation is in the reverse order of the removal. However, when there is a special point concerning the installation, it is indicated.



1. REMOVE BACK DOOR GARNISH CENTER

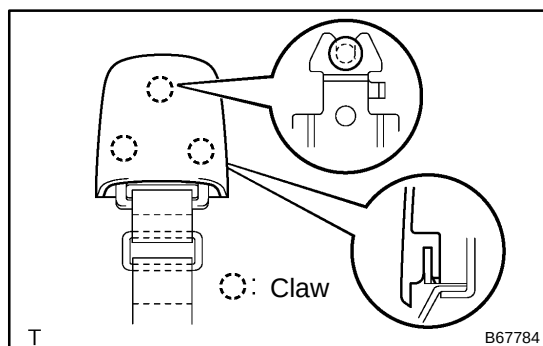
- (a) Using a clip remover, disengage the 5 clips and remove the garnish center.

2. REMOVE BACK DOOR SIDE GARNISH LH

- (a) Using a clip remover, disengage the 3 clips and remove the side garnish.

3. REMOVE BACK DOOR SIDE GARNISH RH

- (a) Using a clip remover, disengage the 3 clips and remove the side garnish.



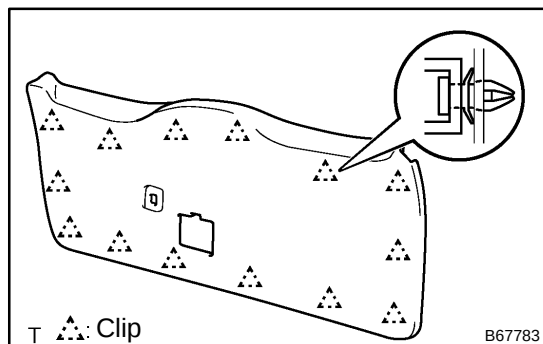
4. REMOVE BACK DOOR PULL STRAP

- (a) Using a screwdriver, disengage the claws and remove the strap cover.

HINT:

Tape the screwdriver tip before use.

- (b) Remove the bolt and strap.



5. REMOVE BACK DOOR TRIM BOARD ASSY

- (a) Using the screwdriver, disengage the 14 clips and remove the trim board.

HINT:

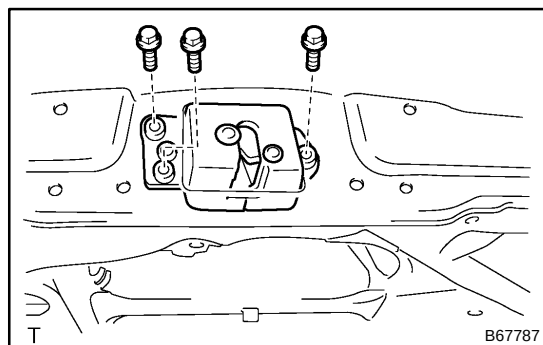
Tape the screwdriver tip before use.

- (b) Remove the service hole cover from the trim board.

6. REMOVE BACK-UP LAMP ASSY LH (See page 65-21)

7. REMOVE BACK-UP LAMP ASSY RH (See page 65-21)

8. REMOVE BACK DOOR GARNISH SUB-ASSY OUTSIDE (See page 76-19)



9. REMOVE BACK DOOR LOCK ASSY

- (a) Disconnect the connector.
(b) Remove the 3 bolts and lock.

10. REMOVE BACK DOOR BASE STOPPER BRACKET

- (a) Remove the 4 bolts and 2 stopper brackets.

11. REMOVE BACK DOOR STOPPER LOWER

- (a) Remove the 4 bolts and 2 stoppers.

12. REMOVE REAR SPOILER COVER (See page 76-21)**13. REMOVE BACK DOOR STAY SUB-ASSY LH (See page 75-1 12)****14. REMOVE BACK DOOR STAY SUB-ASSY RH (See page 75-1 12)****15. INSTALL BACK DOOR STOPPER LOWER**

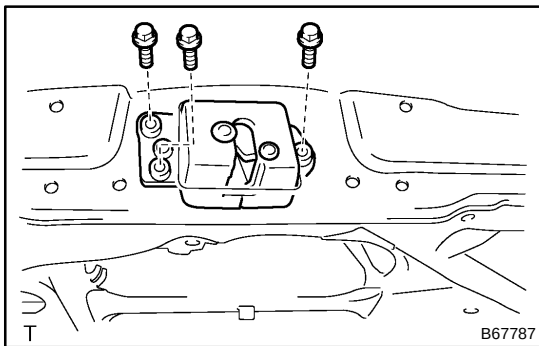
- (a) Install the 2 stoppers with the 4 bolts.

Torque: 7.0 N·m (71 kgf·cm, 62 in·lbf)

16. INSTALL BACK DOOR BASE STOPPER BRACKET

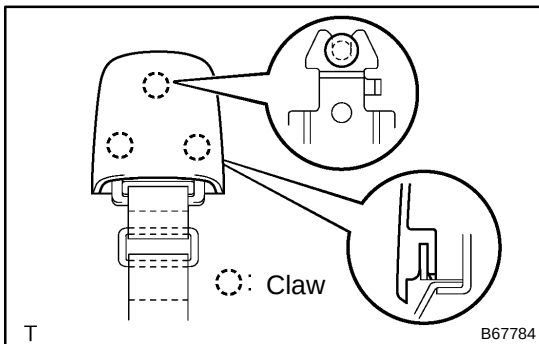
- (a) Install the 2 stopper brackets with the 4 bolts.

Torque: 7.0 N·m (71 kgf·cm, 62 in·lbf)

**17. INSTALL BACK DOOR LOCK ASSY**

- (a) Install the lock with the 3 bolts.

Torque: 12.5 N·m (112 kgf·cm, 9 ft·lbf)

**18. INSTALL BACK DOOR PULL STRAP**

- (a) Install the strap with the bolt.

Torque: 5.0 N·m (51 kgf·cm, 42 in·lbf)

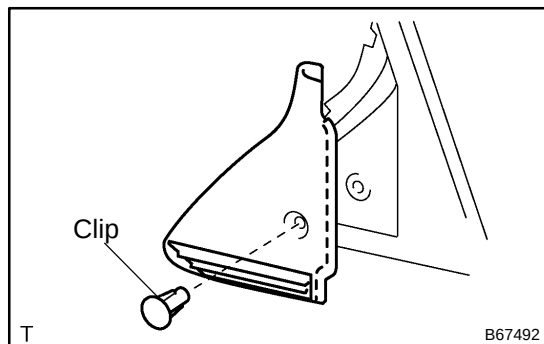
- (b) Install the strap cover.

OVERHAUL

HINT:

- The installation is in the reverse order of the removal. However, when there is a special point concerning the installation, it is indicated.
- On the RH side, use the same procedures as on the LH side.

1. **REMOVE REAR DOOR WINDOW FRAME MOULDING REAR LH (See page 76-15)**
2. **REMOVE REAR DOOR WINDOW FRAME MOULDING SUB-ASSY LH (See page 76-13)**



3. REMOVE SLIDE DOOR WINDOW GARNISH LH

- (a) Fully open the slide door window.
- (b) Remove the glass run.
- (c) Using a screwdriver, disengage the clip and remove the garnish.

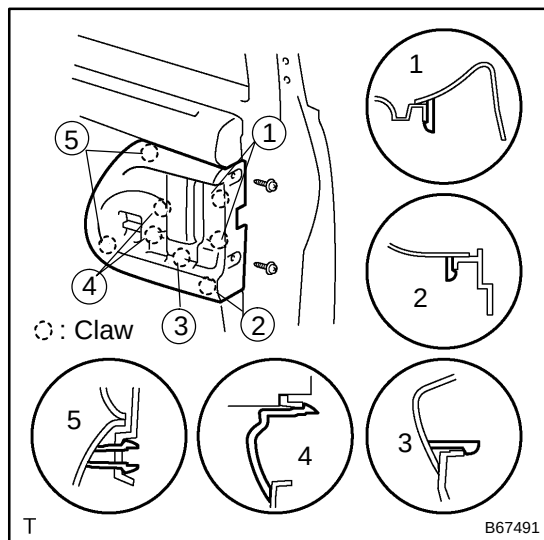
HINT:

Tape the screwdriver tip before use.

- (d) Using a screwdriver, disengage the 2 claws and remove the weatherstrip inner from the garnish.

HINT:

Tape the screwdriver tip before use.



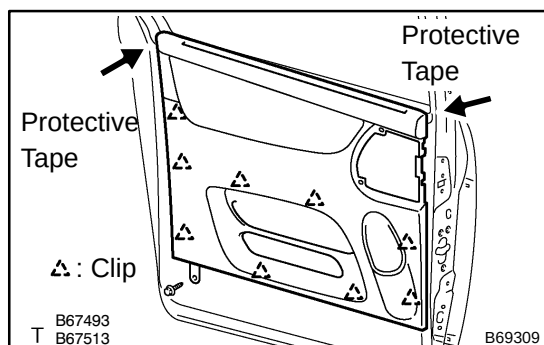
4. REMOVE SIDE TRIM BOARD COVER REAR LH

- (a) Remove the 2 screws.
- (b) Using a screwdriver, disengage the 8 claws and remove the cover together with the window control switch.

HINT:

Tape the screwdriver tip before use.

- (c) Remove the 2 screws and window control switch.



5. REMOVE REAR DOOR TRIM BOARD SUB-ASSY LH

- (a) Remove the screw.
- (b) Using a screwdriver, disengage the 9 clips and remove the trim board.

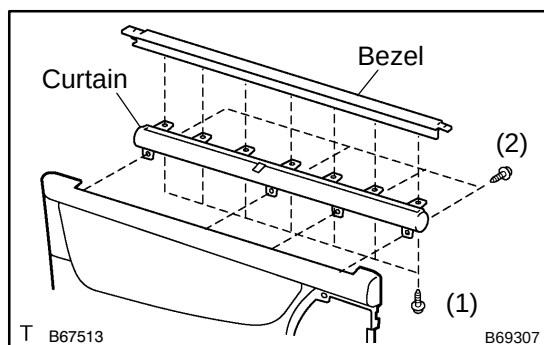
HINT:

- Tape the screwdriver tip before use.
- In order to prevent the door panel from being damaged, cover the areas with protective tape as indicated by arrow marks in the illustration.

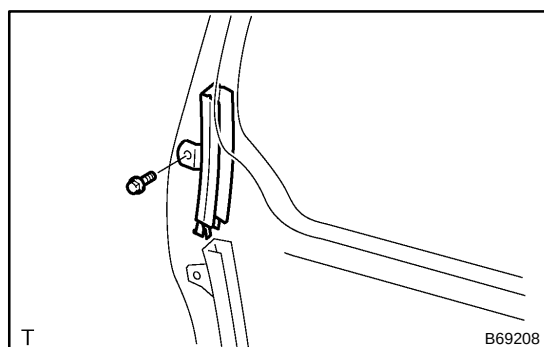
- (c) Using a clip remover, remove the 6 clips and weatherstrip No. 2.
- (d) Using a screwdriver, disengage the 11 claws and remove the weatherstrip inner from trim board.

HINT:

Tape the screwdriver tip before use.

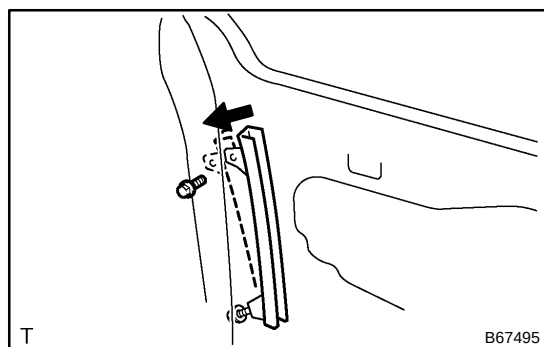


- (e) w/ Sunshade:
Remove the sunshade.
- (1) Remove the 7 screws and sunshade bezel.
- (2) Remove the 4 screws and curtain.

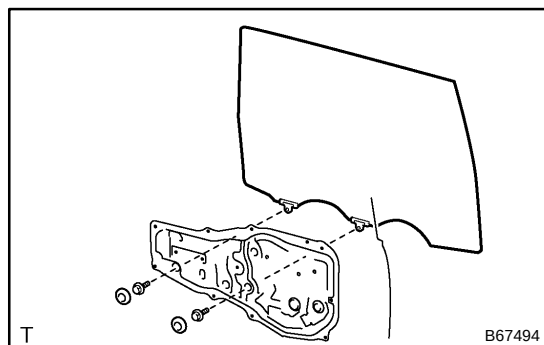


6. REMOVE SLIDE DOOR WINDOW ASSY LH

- (a) w/ Sunshade:
Remove the sun shade hook.
- (b) Remove the bolt and window frame.



- (c) Remove the bolt.
- (d) Loosen the nut.
- (e) Push the window frame rear lower in the direction indicated by the arrow mark in the illustration.



- (f) Remove the 2 hole plugs.
- (g) Move the window until the bolts appear in the service holes.

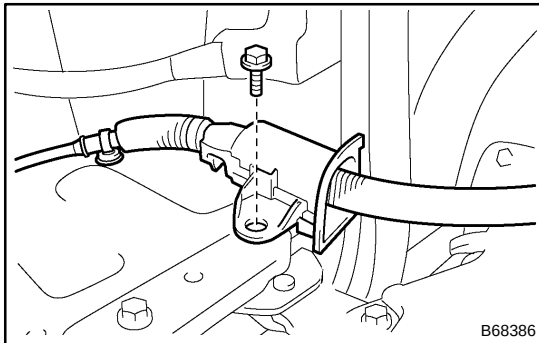
NOTICE:

- Do not damage the window.
- When the bolts are removed, the window may fall and become deformed.

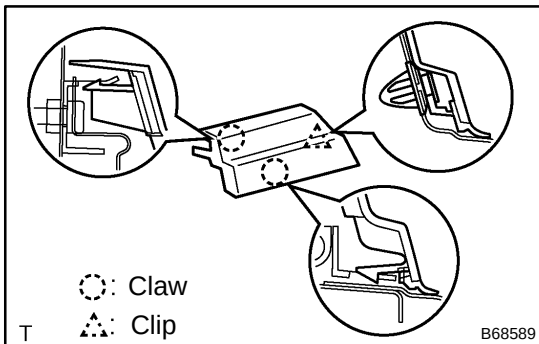
- (h) Remove the 2 bolts and window.

7. REMOVE REAR DOOR GLASS WEATHERSTRIP ASSY OUTER LH (See page 76-18)**8. REMOVE SLIDE DOOR**

- (a) Remove the rear door scuff plate (See page 76-27).
- (b) Remove the back door scuff plate (See page 76-27).
- (c) Remove the quarter trim panel (See page 76-27).
- (d) Remove the upper rail cushion from the rail.



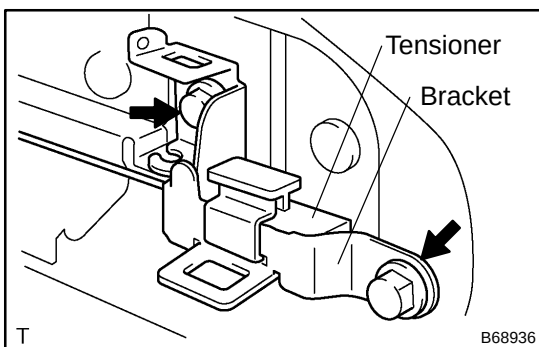
- (e) Disconnect the 2 connectors from the body side and remove the bolt and wire.



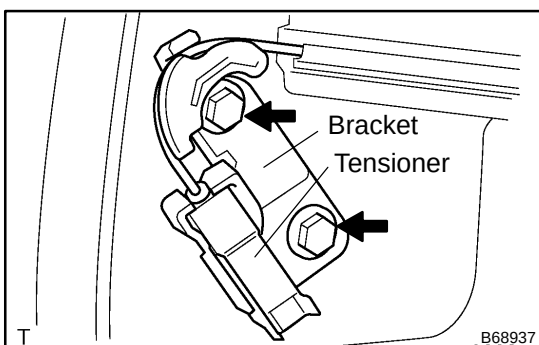
- (f) Open the quarter glass.
- (g) Using a screwdriver, disengage the clip and 2 claws, remove the rail end moulding.

HINT:

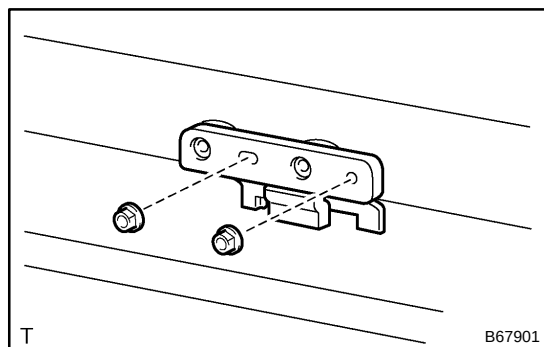
Tape the screwdriver tip before use.



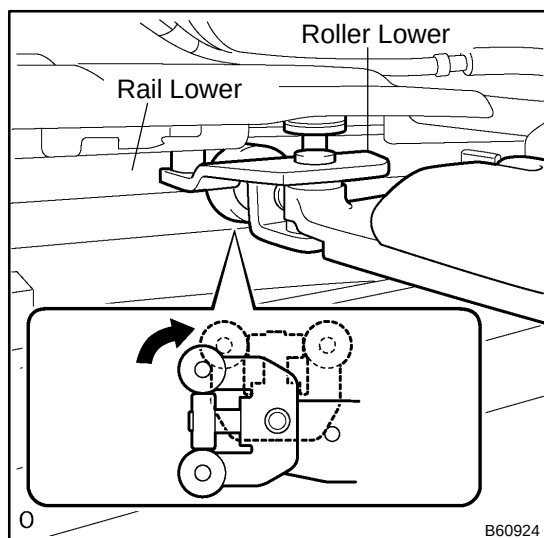
- (h) Remove the 2 bolts and bracket center No. 2 together with the tensioner (color: white).
- (i) Remove the tensioner from the bracket center No. 2.



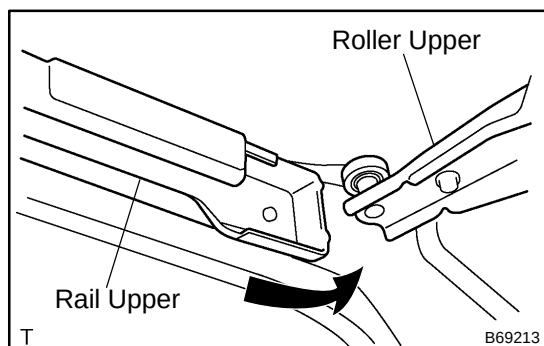
- (j) Remove the 2 bolts and bracket center No. 1 together with the tensioner (color: black).
- (k) Remove the tensioner from the bracket center No. 1.



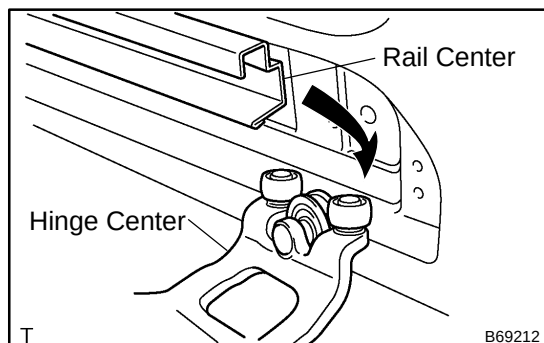
- (l) Remove the 2 nuts and open stop.



- (m) Rotate the base of the slide door roller lower in the direction indicated by arrow in the illustration and then remove the roller from the cut area of the lower rail from the body side.



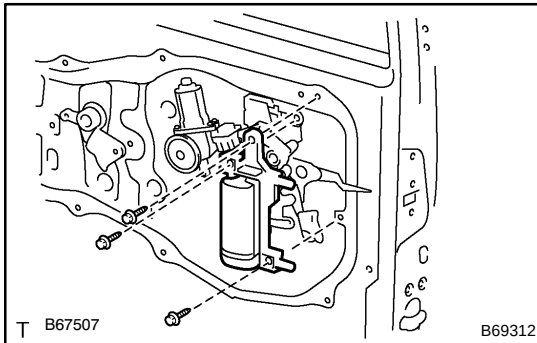
- (n) Move the slide door rearward and then remove the slide door roller upper from the cut area in the rear part of the slide door rail upper.



- (o) Move the slide door further rearward and then remove the slide door hinge center from the rear part of the slide door rail center. Then, remove the slide door.

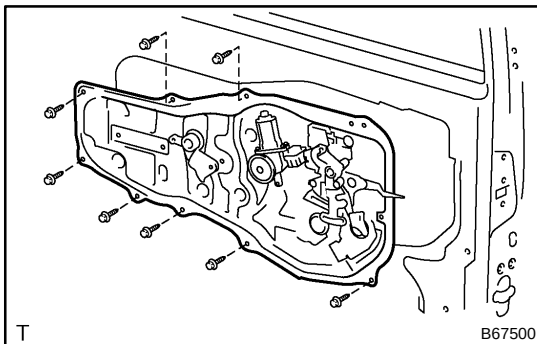
9. REMOVE SLIDE DOOR RAILS

- Remove the roof headlining (See page 76-27).
- Remove the 2 bolts, 2 nuts and the rail upper.
- Remove the 2 screws and rear side rail.
- Remove the 3 screws and rail center.

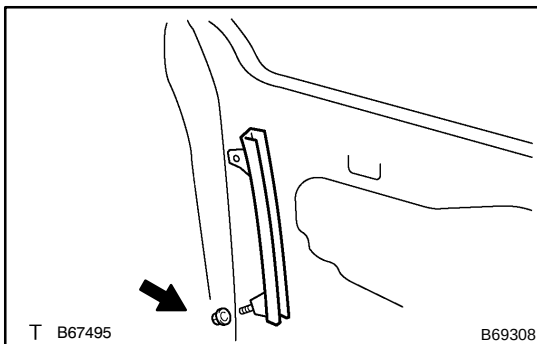


10. REMOVE SLIDE DOOR ATTACHMENT CONTROL LH

- Remove the 2 screws, bolt and inside handle.



- Disconnect the connectors from the lock actuator, the power window regulator motor and lock release motor and power slide door lock.
- Disengage the control wires.
- Remove the 8 bolts and attachment control.



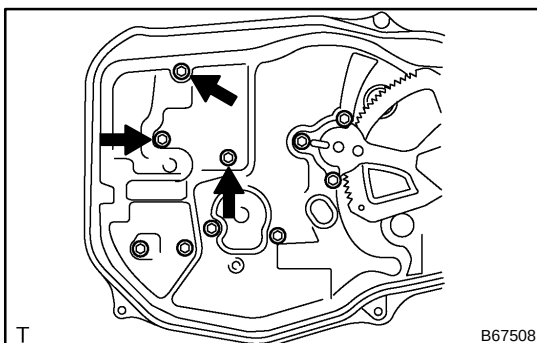
- Remove the nut and window frame rear lower.

NOTICE:

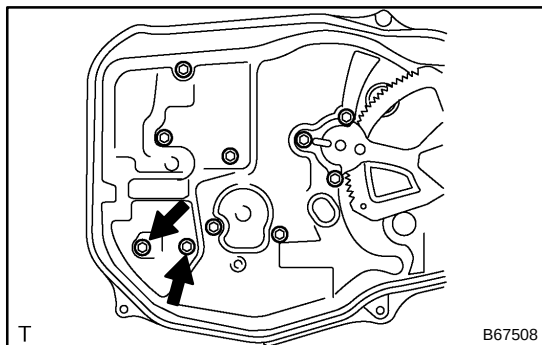
When the nut is removed, the window frame may fall and become deformed.

HINT:

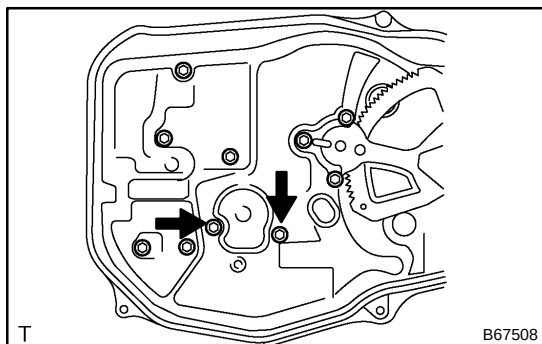
Remove the window frame rear lower through the service hole.



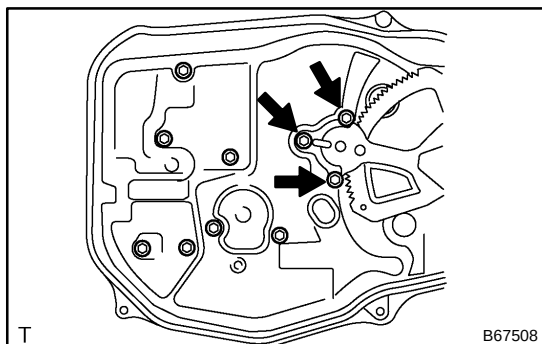
- Remove the control rod.
- Remove the 3 bolts and lock remote control.



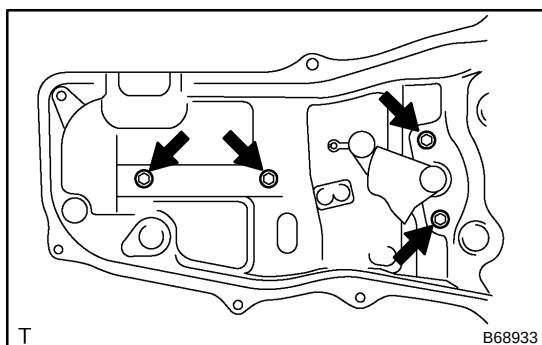
(h) Remove the 2 screws and lock actuator.



(i) Remove the 2 screws and lock release motor.

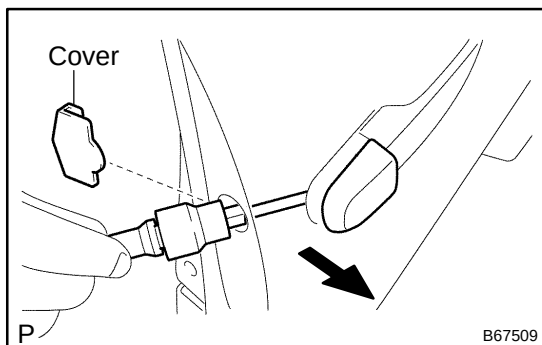


(j) Remove the 3 screws and power window regulator motor.



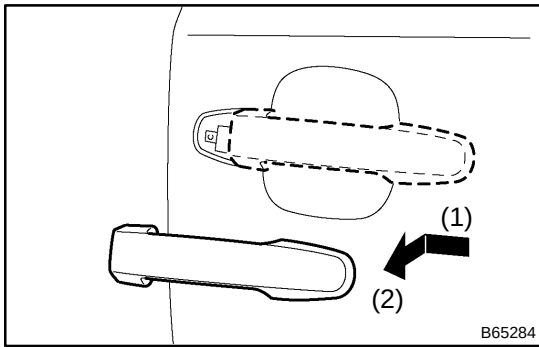
(k) Remove the half stop control lever and door lock control bellcrank.

(l) Remove the 4 bolts and the window regulator.

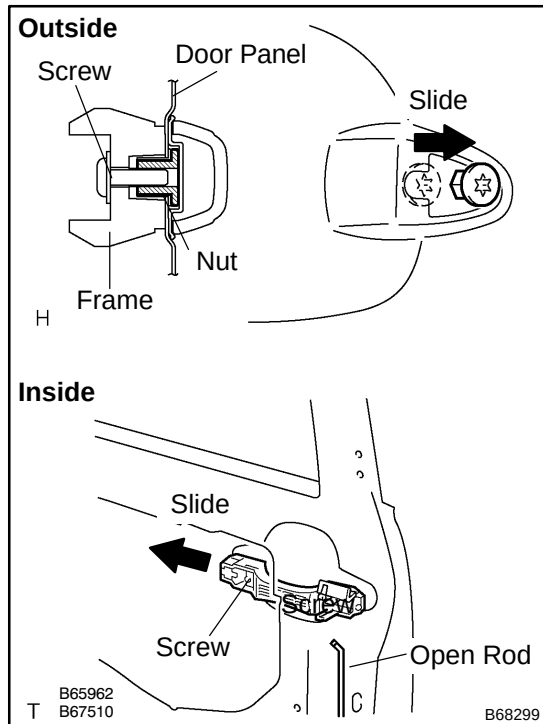


11. REMOVE REAR DOOR OUTSIDE HANDLE COVER LH

- (a) Remove the outside handle hole cover.
- (b) Using a torx[®] socket wrench (T30), loosen the screw and remove the outside handle cover with the lock key cylinder installed.

**12. REMOVE REAR DOOR OUTSIDE HANDLE ASSY LH**

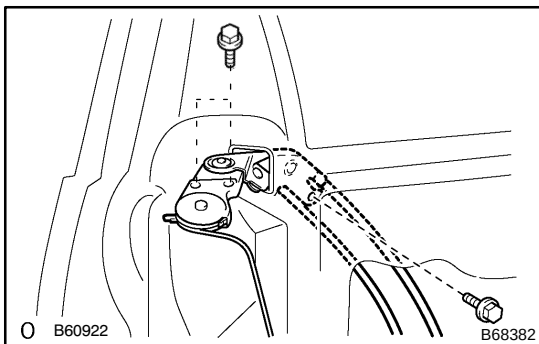
- Pushing and pulling the outside handle in the direction indicated by the arrow mark in the illustration, remove the outside handle.
- Remove the outside handle pads front and rear.

**13. REMOVE REAR DOOR OUTSIDE HANDLE FRAME SUB-ASSY LH**

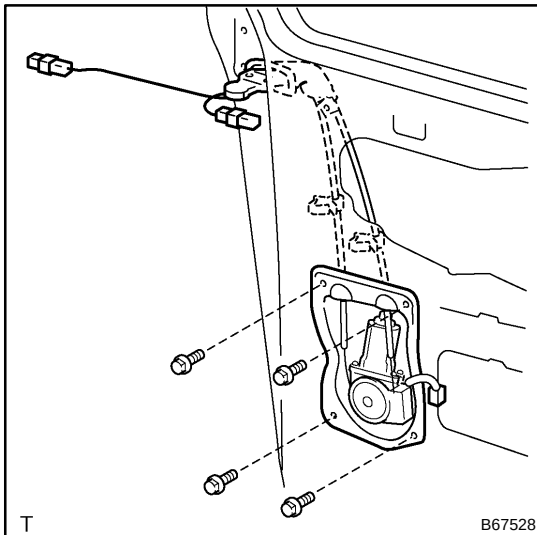
- Remove the open rod to the outside handle frame.
- Using a torx[®] socket wrench (T30), loosen the screw.
- Slide the outside handle frame in the direction indicated by the arrow mark in the illustration and remove it.

HINT:

Remove the outside handle frame through the service hole.

**14. REMOVE POWER SLIDE DOOR CONTROL MOTOR AND CLUTCH LH**

- Remove the 3 bolts from the upper part of the control motor and clutch.

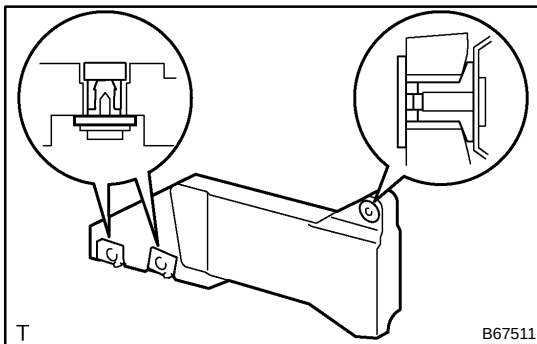


- (b) Remove the 2 clips and 4 bolts from the lower part of the control motor and clutch.

- (c) Remove the control motor and clutch.

HINT:

Remove the motor and clutch through the service hole.



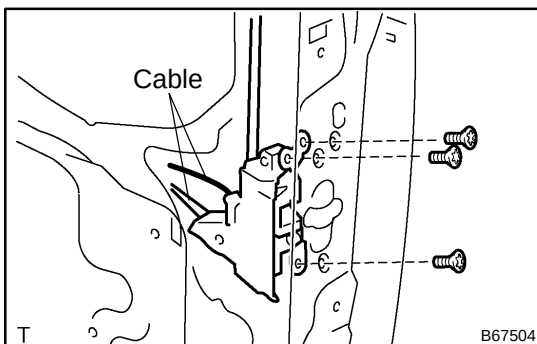
15. REMOVE REAR DOOR STIFFENER CUSHION LH

- (a) Remove the 2 screws, clip and stiffener cushion.

HINT:

Remove the stiffener cushion through the service hole.

- (b) Remove the 2 grommets and 2 clips.



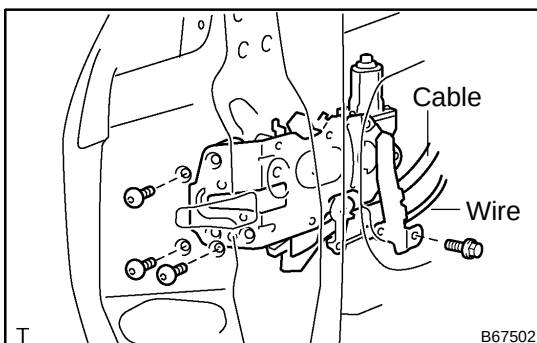
16. REMOVE SLIDE DOOR LOCK ASSY FRONT LH

- (a) Disconnect the 2 cables.

- (b) Using a torx® socket wrench (T30), remove the 3 screws and lock.

HINT:

Remove the lock front through the service hole.



17. REMOVE POWER SLIDE DOOR LOCK ASSY LH

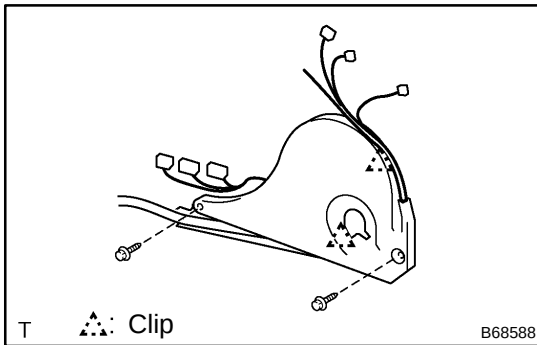
- (a) Disconnect the cable and wire.

- (b) Using a torx® socket wrench (T30), remove the 3 screws.

- (c) Remove the bolt and lock.

HINT:

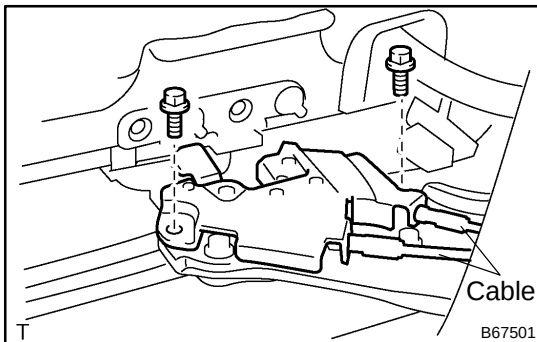
Remove the lock through the service hole.

**18. REMOVE REAR DOOR WIRE SUB-ASSY LH**

- (a) Remove the 2 screws.
- (b) Using a screwdriver, remove the 2 clips and wire.

HINT:

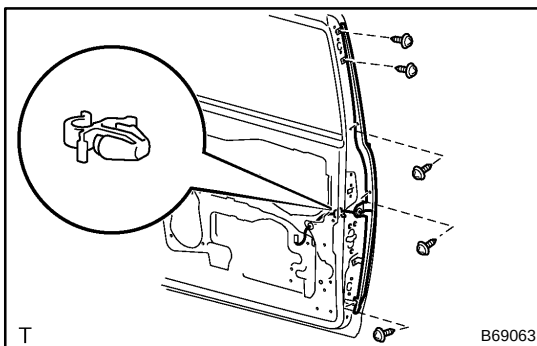
Tape the screwdriver tip before use.

**19. REMOVE SLIDE DOOR FULL OPEN STOP LOCK ASSY LH**

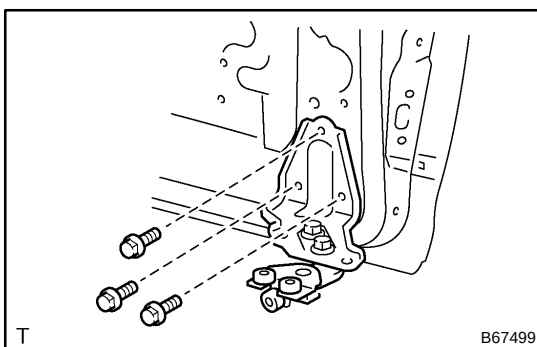
- (a) Disconnect the 2 cables.
- (b) Remove the 2 bolts and full open stop lock.

20. REMOVE POWER SLIDE DOOR ECU LH

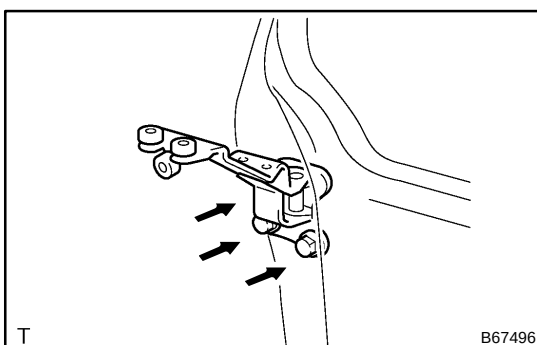
- (a) Remove the 2 screws and power slide door ECU with the warning buzzer.
- (b) Disengage the claw and remove the warning buzzer.

**21. REMOVE POWER SLIDE DOOR TOUCH SENSOR LH**

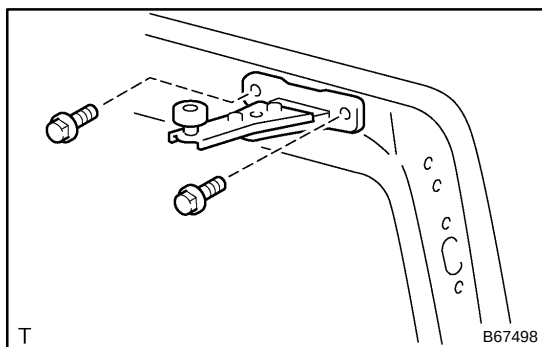
- (a) Disconnect the connector.
- (b) Remove the 5 screws and touch sensor.

**22. REMOVE SLIDE DOOR ROLLER ASSY LOWER LH**

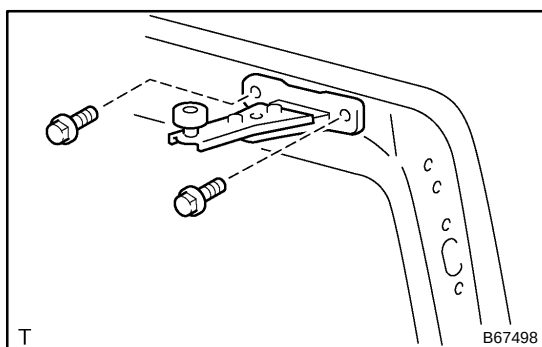
- (a) Remove the 3 bolts and roller.

**23. REMOVE SLIDE DOOR HINGE ASSY CENTER LH**

- (a) Remove the 3 bolts and hinge.
- (b) LH side:
Remove the cover.

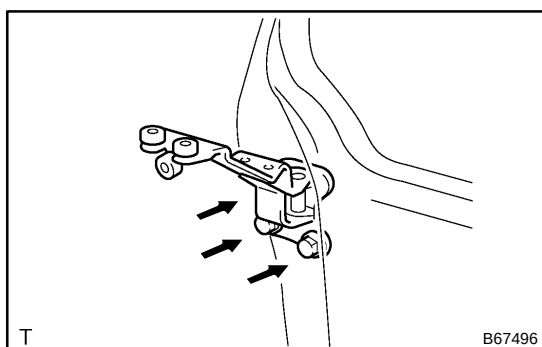
**24. REMOVE SLIDE DOOR ROLLER ASSY UPPER**

- (a) Remove the 2 bolts and roller.

**25. INSTALL SLIDE DOOR ROLLER ASSY UPPER**

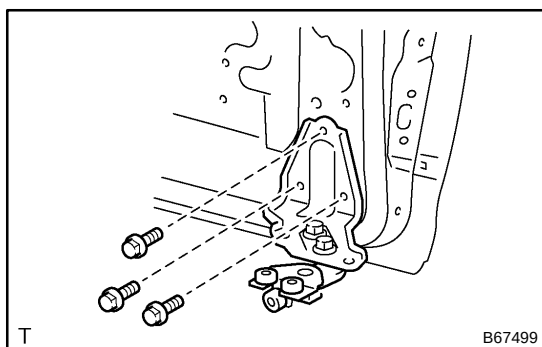
- (a) Apply MP grease to the rotating area of the roller.
(b) Install the roller with the 2 bolts.

Torque: 13 N·m (130 kgf·cm, 10 ft·lbf)

**26. INSTALL SLIDE DOOR HINGE ASSY CENTER LH**

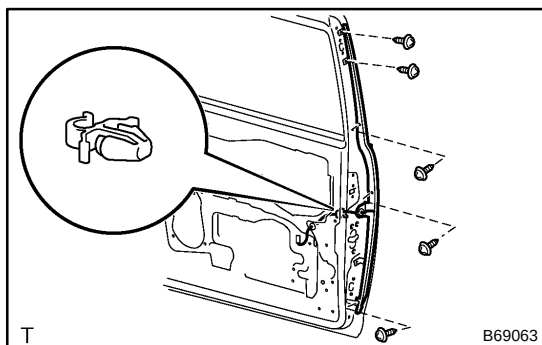
- (a) Apply MP grease to the rotating areas of the hinge.
(b) Install the hinge with the 3 bolts.

Torque: 31 N·m (316 kgf·cm, 23 ft·lbf)

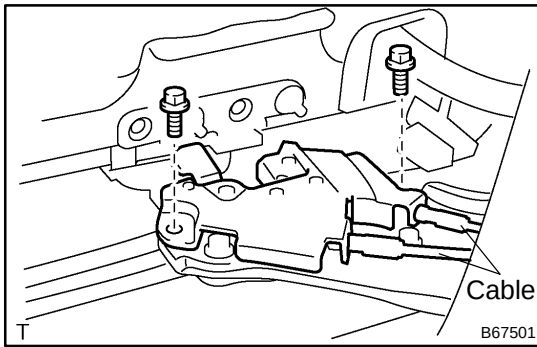
**27. INSTALL SLIDE DOOR ROLLER ASSY LOWER LH**

- (a) Apply MP grease to the rotating area of the roller.
(b) Install the roller with the 3 bolts.

Torque: 31 N·m (316 kgf·cm, 23 ft·lbf)

**28. INSTALL POWER SLIDE DOOR TOUCH SENSOR LH**

- (a) Install the touch sensor with the 4 screws.
(b) Connect the connector.
(c) Fix the wire harness inside the door panel with the clip.



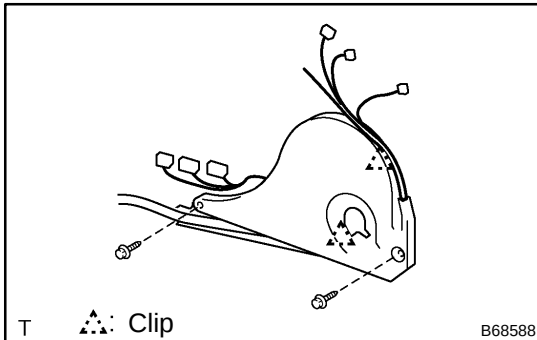
29. INSTALL SLIDE DOOR FULL OPEN STOP LOCK ASSY LH

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

- Install the lock with the 2 bolts.

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

- Install the 2 cables.



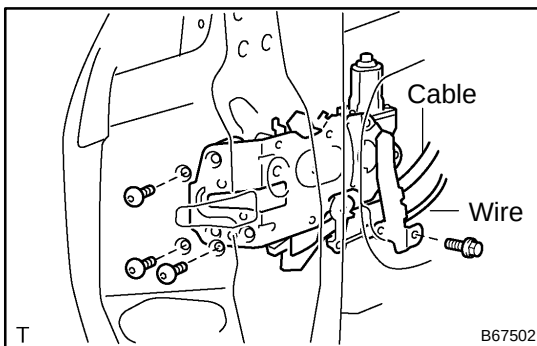
30. INSTALL REAR DOOR WIRE SUB-ASSY LH

- Install the wire.

NOTICE:

When installing the wire, push the areas where the clips are installed in order to prevent damage and deformation.

- Install the 2 screws.



31. INSTALL POWER SLIDE DOOR LOCK ASSY LH

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

- Apply adhesive to the threads of the 3 screws.

Adhesive:

Part No. 08833-00070, THREE BOND 1324 or equivalent

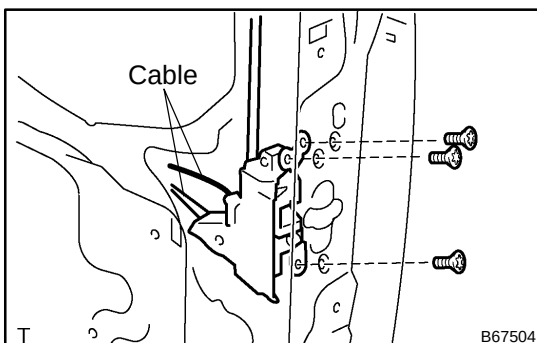
- Using a torx[®] socket wrench (T30), install the lock to the door panel with the 3 screws.

Torque: 5.0 N·m (51 kgf·cm, 44 in·lbf)

- Install the bolt.

Torque: 5.0 N·m (51 kgf·cm, 44 in·lbf)

- Connect the connector and cable.



32. INSTALL SLIDE DOOR LOCK ASSY FRONT LH

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

- Apply adhesive to the threads of the 3 screws.

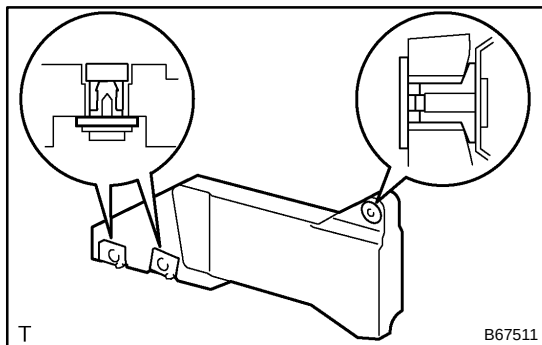
Adhesive:

Part No. 08833-00070, THREE BOND 1324 or equivalent

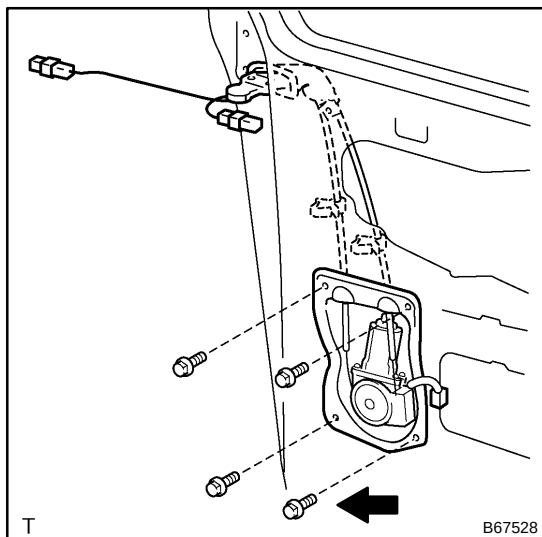
- Using a torx[®] socket wrench (T30), install the lock to the door panel with the 3 screws.

Torque: 5.0 N·m (51 kgf·cm, 44 in·lbf)

- Connect the 2 cables.

**33. INSTALL REAR DOOR STIFFENER CUSHION LH**

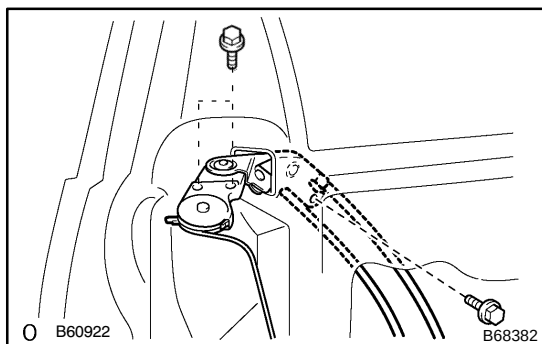
- (a) Install the 2 grommets and 2 clips.
- (b) Install the stiffener cushion with the clip and 2 screws.

**34. INSTALL POWER SLIDE DOOR CONTROL MOTOR AND CLUTCH LH**

- (a) Tighten the 4 bolts on the lower part of the control motor and clutch.

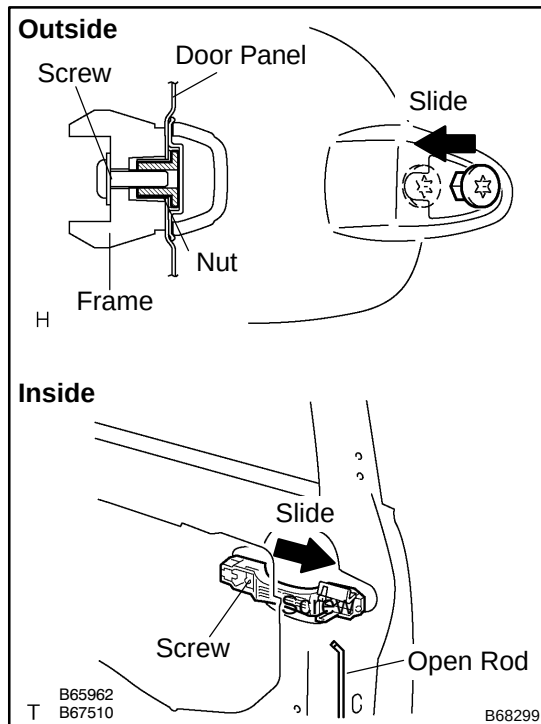
Torque: 8.0 N·m (82 kgf·cm, 71 in.·lbf)

- (b) Fix the wires with the 2 clips respectively.
- (c) RH side:
Tighten the bolt indicated by the arrow in the illustration together with the earth wire.



- (d) Tighten the 3 bolts on the upper part of the control motor and clutch.

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



35. INSTALL REAR DOOR OUTSIDE HANDLE FRAME SUB-ASSY LH

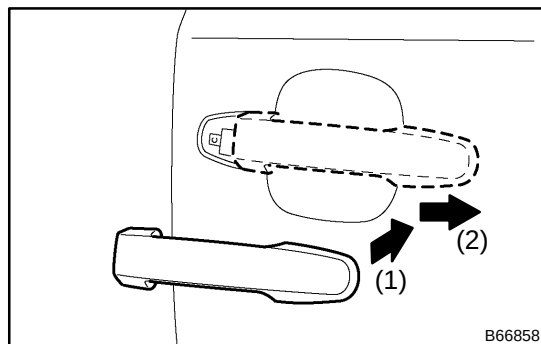
- Apply MP grease to the sliding and rotating areas of the frame.
- Slide the outside handle frame in the indicated by the arrow mark in the illustration.
- Using a torx[®] socket wrench (T30), install the frame with the screw as shown in the illustration.

Torque: 7.0 N·m (71 kgf·cm, 62 in·lbf)

NOTICE:

Insert a cover between the nut and door panel.

- Install the open rod.

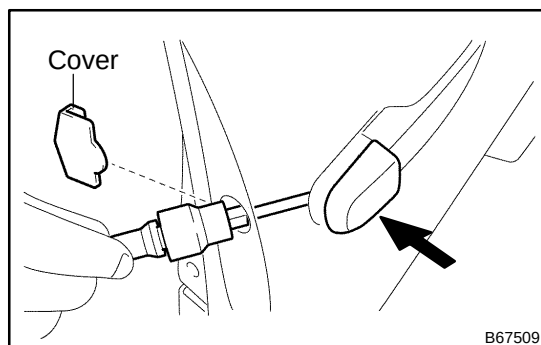


36. INSTALL REAR DOOR OUTSIDE HANDLE ASSY LH

- Install the outside handle pads front and rear.
- Pushing the handle in the direction indicated by the arrow mark in the illustration, install the handle.

NOTICE:

If the release plate is not pulled and held when installing the outside handle, it will strike against with the outside handle and become damaged.

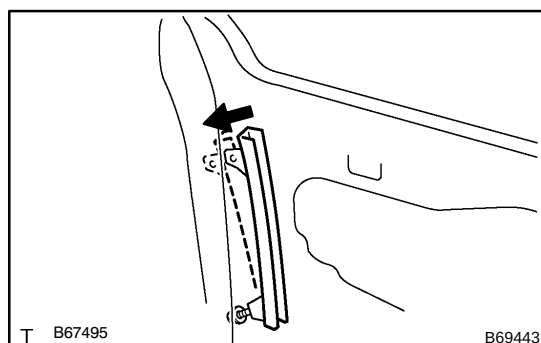


37. INSTALL REAR DOOR OUTSIDE HANDLE COVER LH

- Using a torx[®] socket wrench (T30), install the outside handle cover with the screw.

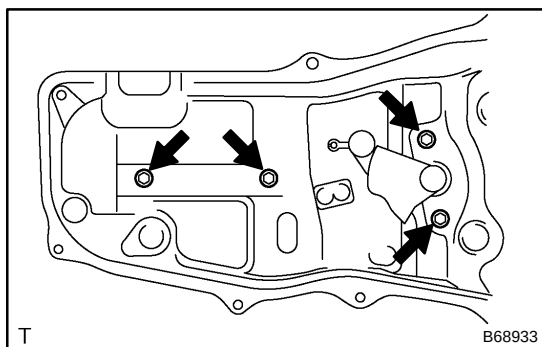
Torque: 7.0 N·m (71 kgf·cm, 62 in·lbf)

- Install the outside handle hole cover.

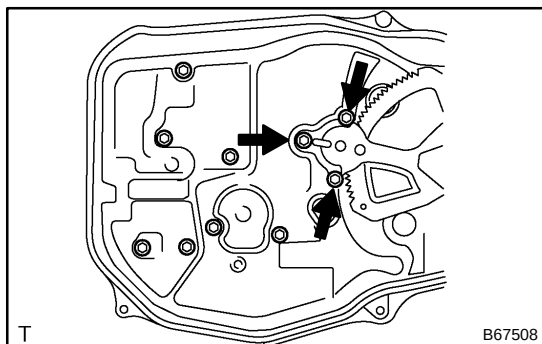


38. INSTALL SLIDE DOOR ATTACHMENT CONTROL LH

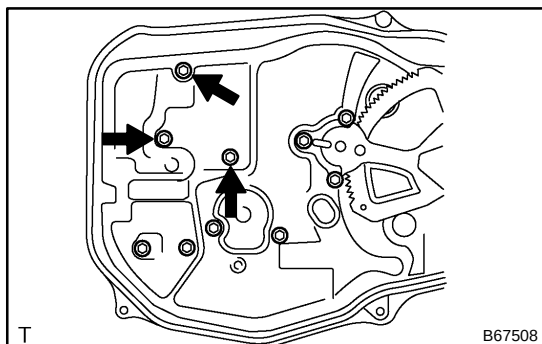
- Temporarily install the window frame rear lower with the nut.
- Move the window frame rear lower in the direction indicated by the arrow mark in the illustration.



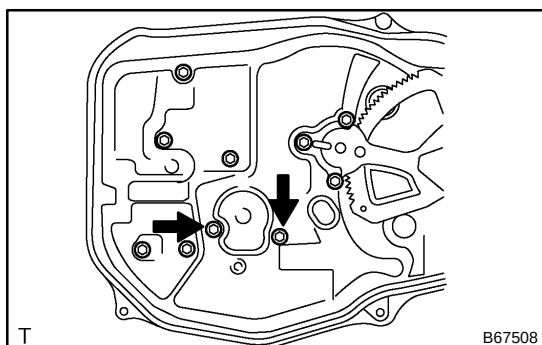
- (c) Apply MP grease to the sliding and rotating areas of the window regulator.
- (d) Install the window regulator with the 4 bolts.
Torque: 7.0 N·m (71 kgf·cm, 62 in·lbf)
- (e) Install the half stop control lever and door lock control bell-crank.



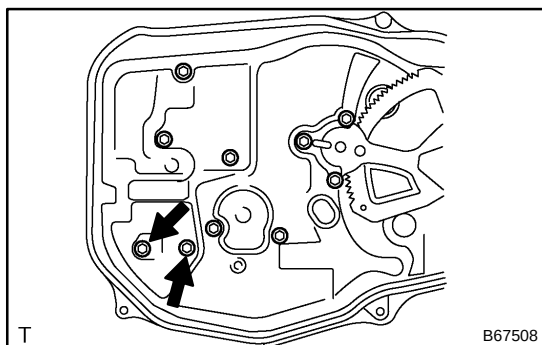
- (f) Install the power window regulator motor with the 3 screws.
Torque: 5.5 N·m (58 kgf·cm, 49 in·lbf)



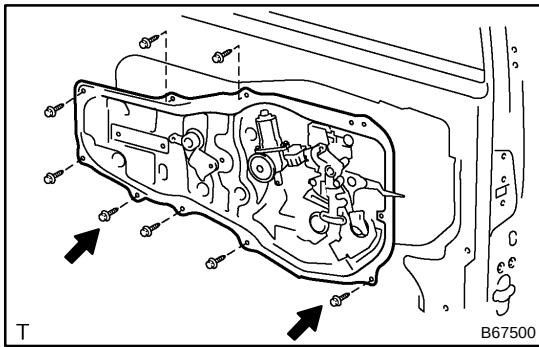
- (g) Apply MP grease to the sliding and rotating areas of the door lock remote control.
- (h) Install the lock remote control with the 3 bolts.
Torque: 5.5 N·m (58 kgf·cm, 49 in·lbf)



- (i) Install the lock release motor with the 2 screws.
Torque: 5.5 N·m (58 kgf·cm, 49 in·lbf)
- (j) Install the control rod.



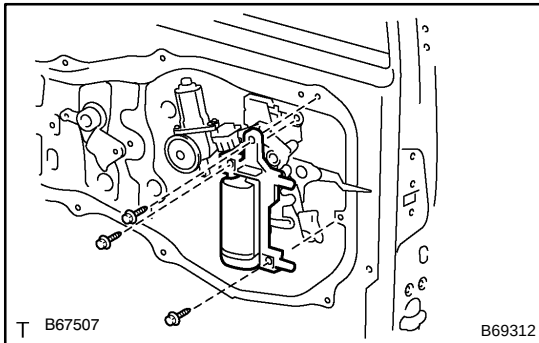
- (k) Install the lock actuator with the 2 screws.
Torque: 5.5 N·m (58 kgf·cm, 49 in·lbf)
- (l) Install the control rod.



(m) LH side:
Install the attachment control with the 8 bolts.
Torque: 8.0 N·m (82 kgf·cm, 71 in.-lbf)

(n) RH side:
Install the attachment control with the 6 bolts.
Torque: 8.0 N·m (82 kgf·cm, 71 in.-lbf)

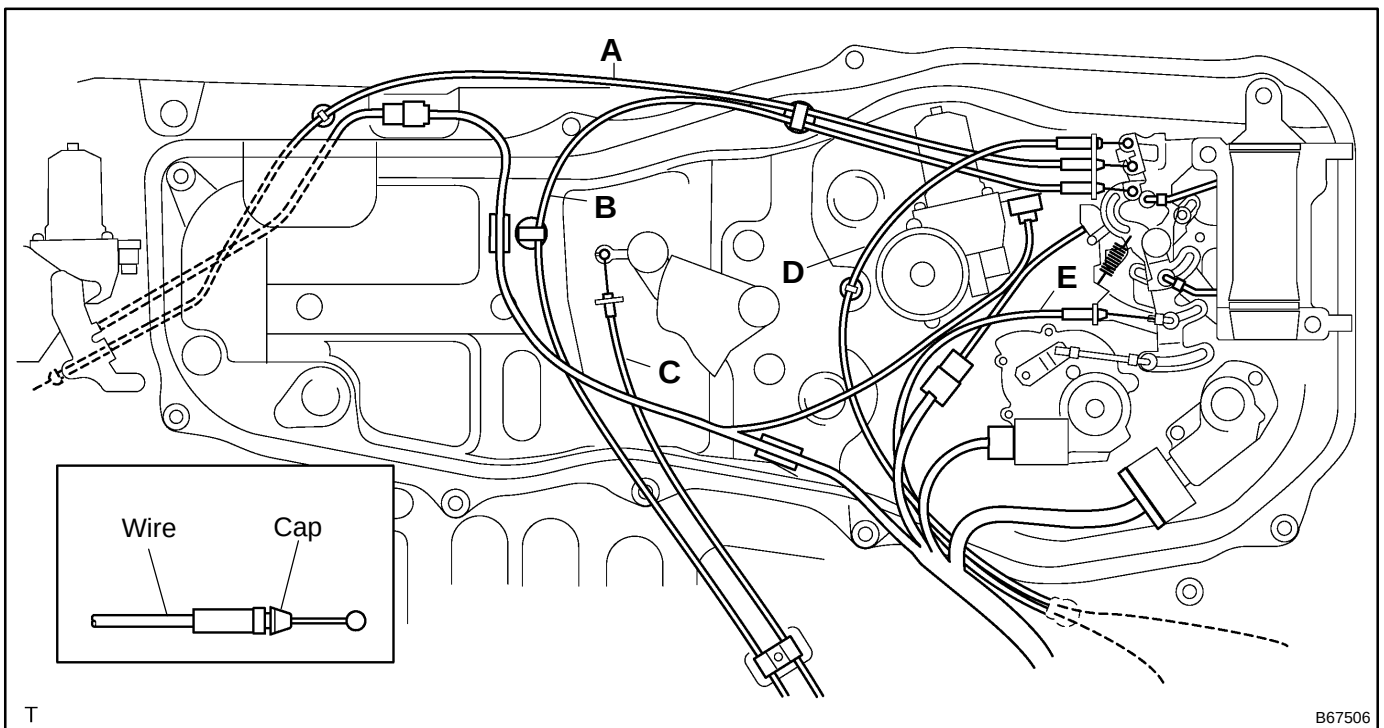
(o) RH side:
Tighten the 2 bolts indicated by the arrow together with the earth wire.
Torque: 8.0 N·m (82 kgf·cm, 71 in.-lbf)



(p) Install the inside handle with the 2 screws and bolt.
Torque: 7.0 N·m (71 kgf·cm, 62 in.-lbf)

(q) Install the control rod.

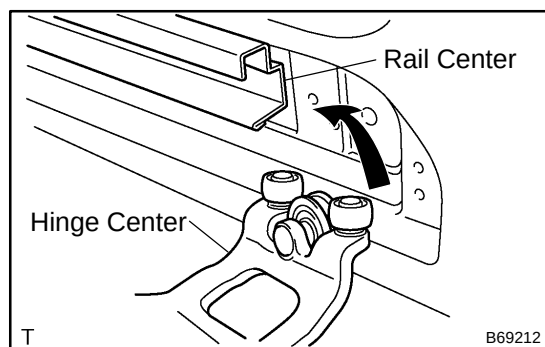
(r) Install the control cables and the wires.



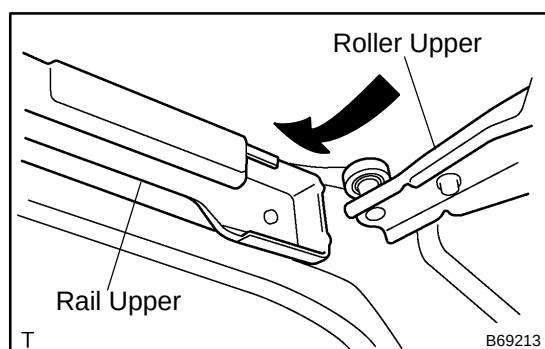
No.	Cap Color	Control
A	Gray	Rear Lock Cable
B	Black	Full Open Lock Cable
C	-	Half Open Stopper Cable
D	Green	Front Lock Cable
E	Yellow	Outside Handle Cable

39. INSTALL SLIDE DOOR RAILS

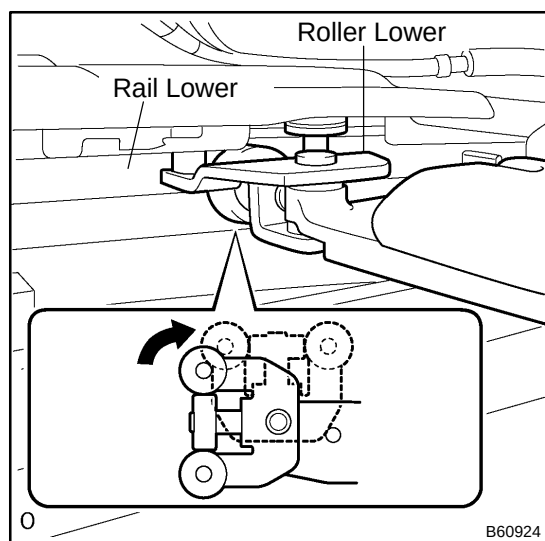
- (a) Install the rail center with the 3 screws.
Torque: 26 N·m (265 kgf·cm, 19 ft·lbf)
- (b) Install the rear side rail with the 2 screws.
Torque: 19.5 N·m (200 kgf·cm, 14 ft·lbf)
- (c) Install the rail upper with the 2 bolts and 2 nuts.
Torque: 10 N·m (102 kgf·cm, 8 ft·lbf)
- (d) Install the roof headlining (See page 76-27).

**40. INSTALL SLIDE DOOR**

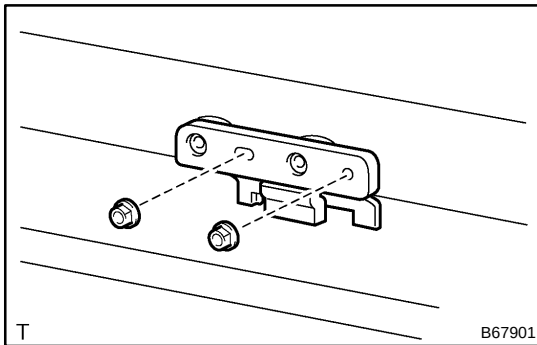
- (a) Put in the slide door hinge center from the rear part of the slide door rail center.



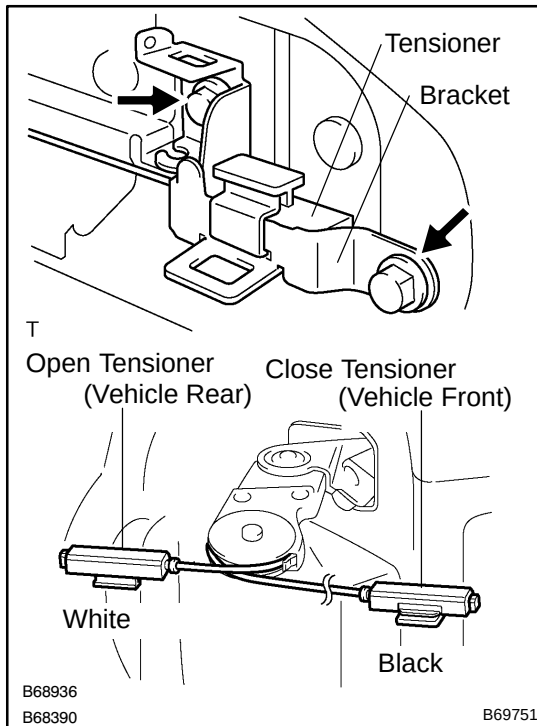
- (b) Move the slide door forward and then put in the slide door roller upper into the cut area of the slide door rail upper.



- (c) Rotate the base of the slide door roller lower in the direction indicated by arrow in the illustration and then put in the roller into the cut area of the rail lower of the body.



- (d) Install the open stop with the 2 nuts.
Torque: 7.0 N·m (71 kgf·cm, 62 in.-lbf)



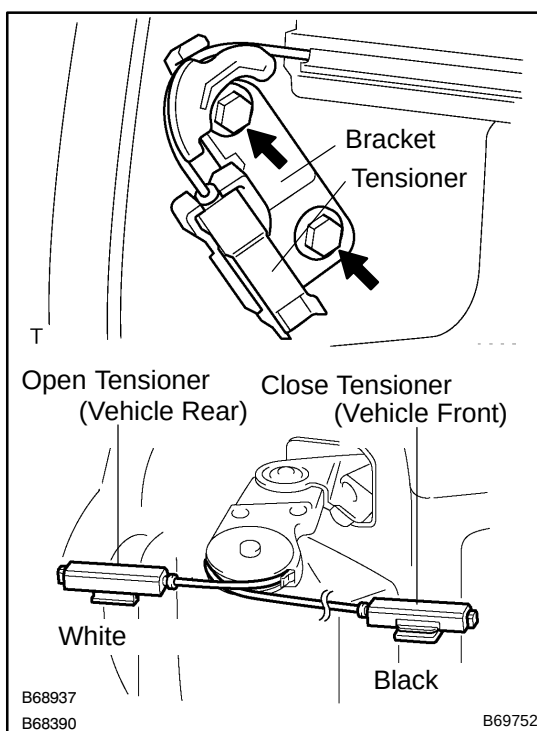
- (e) Connect the open tensioner (color: white) to the bracket center No. 2 on the rear side of the vehicle.

HINT:

- The open tensioner (color: white) should be placed higher than the close tensioner (color: black) at their cross point.
- Be careful for the place where the tensioners are installed.

- (f) Install the bracket center No. 2 connected to the open tensioner (color: white) with the 2 bolts.

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



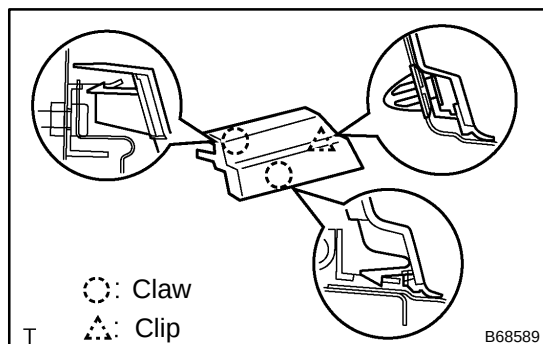
- (g) Connect the close tensioner (color: black) to the bracket center No. 1 on the front side of the vehicle.

HINT:

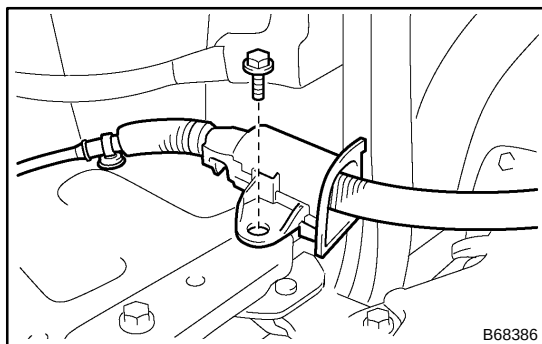
- The close tensioner (color: black) should be placed lower than the open tensioner (color: white) at their cross point.
- Be careful for the place where the tensioner is installed.

- (h) Install the bracket center No. 1 connected to the close tensioner (color: black) with the 2 bolts.

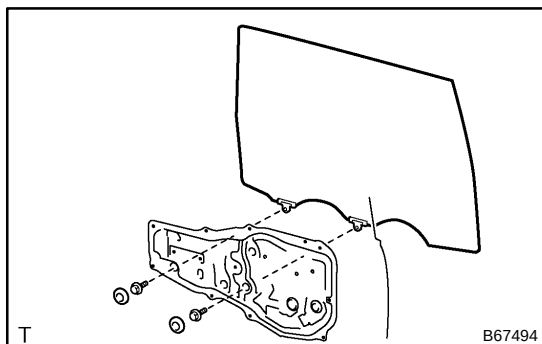
Torque: 8.0 N·m (82 kgf·cm, 71 in.-lbf)



- (i) Install the end moulding.
- (j) Install the upper rail cushion to the rail upper.

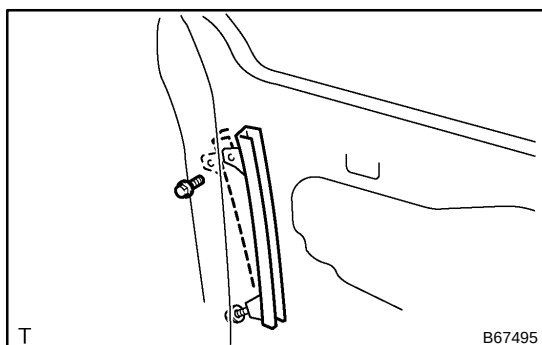


- (k) Install the wire with the bolt.
Torque: 7.0 N·m (71 kgf·cm, 62 in·lbf)
- (l) Connect the 2 connectors.
- (m) Install the quarter trim panel (See page 76-27).
- (n) Install the back door scuff plate (See page 76-27).
- (o) Install the rear door scuff plate (See page 76-27).

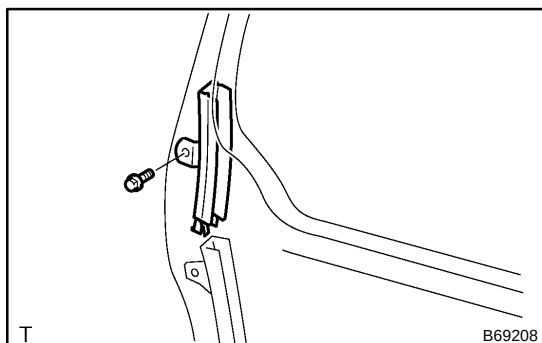


41. INSTALL SLIDE DOOR WINDOW ASSY LH

- (a) Open the door glass until the bolts appear in the service holes.
- (b) Install the window with the 2 bolts.
Torque: 8.0 N·m (82 kgf·cm, 71 in·lbf)
- (c) Install the hole plug.



- (d) Put the window frame rear lower in the original position and tighten the nut.
Torque: 8.0 N·m (82 kgf·cm, 71 in·lbf)
- (e) Install the bolt.
Torque: 8.0 N·m (82 kgf·cm, 71 in·lbf)



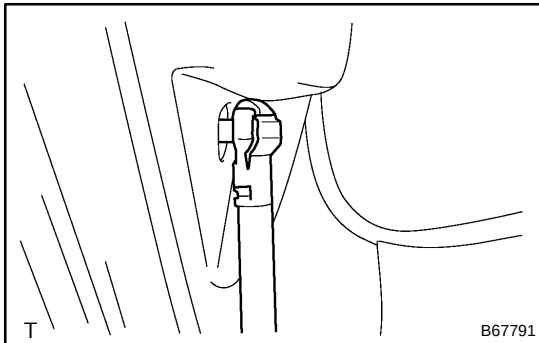
- (f) Install the window frame with the bolt.
Torque: 8.0 N·m (82 kgf·cm, 71 in·lbf)
- (g) Install the glass run.

OVERHAUL

HINT:

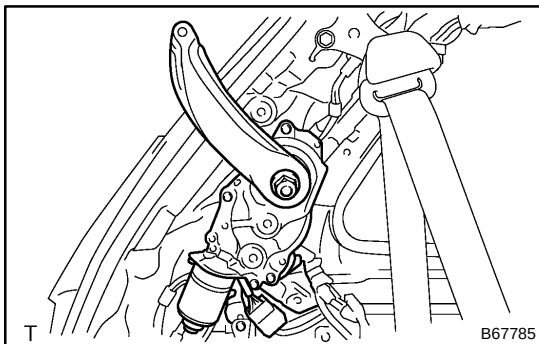
- The installation is in the reverse order of the removal. However, when there is a special point concerning the installation, it is indicated.
- When the battery is reconnected, the back door is locked and cannot be opened. Therefore, it is necessary to unlock the back door using the door control switch or transmitter switch.

1. **REMOVE BACK DOOR SCUFF PLATE (See page 76-27)**
2. **REMOVE QUARTER TRIM PANEL ASSY FRONT LH (See page 76-27)**
3. **REMOVE RR WINDOW SIDE GARNISH ASSY NO.2 LH (See page 76-27)**



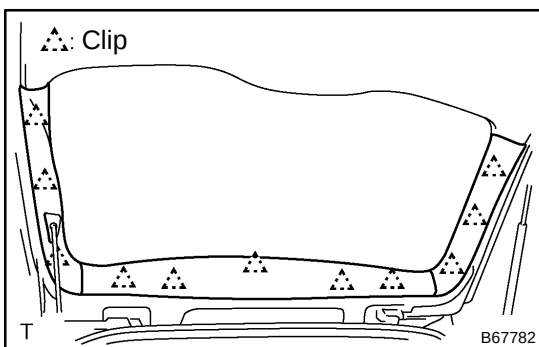
4. REMOVE POWER BACK DOOR ROD

- (a) Remove the 2 clips and rod.



5. REMOVE POWER BACK DOOR DRIVE UNIT

- (a) Remove the 3 bolts and drive unit.



6. REMOVE BACK DOOR GARNISH CENTER

- (a) Using a clip remover, disengage the 5 clips and remove the garnish.

7. REMOVE BACK DOOR SIDE GARNISH LH

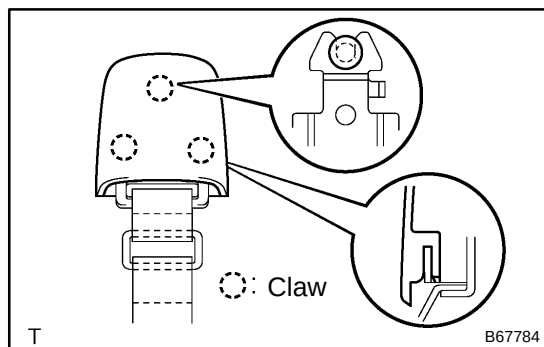
- (a) Using a clip remover, disengage the 3 clips and remove the side garnish.

8. REMOVE BACK DOOR SIDE GARNISH RH

- (a) Using a clip remover, disengage the 3 clips and remove the side garnish.

9. REMOVE BACK DOOR STAY BRACKET UPPER LH

- (a) Remove the 2 bolts and bracket.

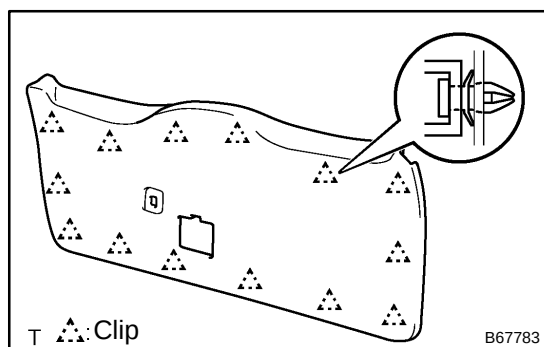
**10. REMOVE BACK DOOR PULL STRAP**

- (a) Using a screwdriver, disengage the 3 claws and remove the strap cover.

HINT:

Tape the screwdriver tip before use.

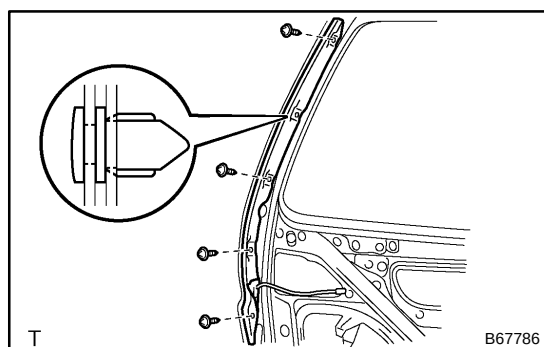
- (b) Remove the bolt and strap.

**11. REMOVE BACK DOOR TRIM BOARD ASSY**

- (a) Using a screwdriver, disengage the 14 clips and remove the trim board.

HINT:

Tape the screwdriver tip before use.

**12. REMOVE POWER BACK DOOR TOUCH SENSOR LH**

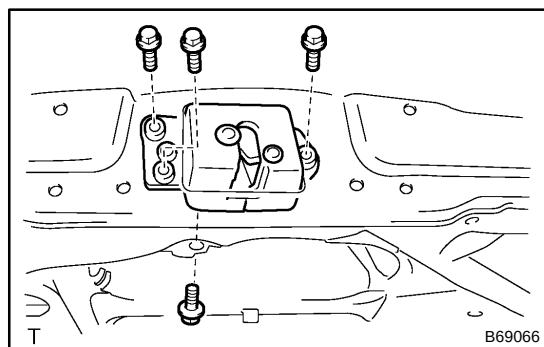
- (a) Remove the 4 screws.

- (b) Using a clip remover, remove the clip and touch sensor.

13. REMOVE POWER BACK DOOR TOUCH SENSOR RH

- (a) Remove the 4 screws.

- (b) Using a clip remover, remove the clip and touch sensor.

14. REMOVE BACK-UP LAMP ASSY LH (See page 65-21)**15. REMOVE BACK-UP LAMP ASSY RH (See page 65-21)****16. REMOVE BACK DOOR GARNISH SUB-ASSY OUTSIDE (See page 76-19)****17. REMOVE BACK DOOR W/ MOTOR LOCK ASSY**

- (a) Disconnect the connector.

- (b) Remove the 4 bolts and lock.

18. REMOVE BACK DOOR BASE STOPPER BRACKET

- (a) Remove the 2 bolts and bracket.

19. REMOVE BACK DOOR STOPPER LOWER

- (a) Remove the 2 bolts and stopper.

20. REMOVE REAR SPOILER COVER (See page 76-21)

21. REMOVE BACK DOOR STAY SUB-ASSY LH (See page 75-112)**22. REMOVE BACK DOOR STAY SUB-ASSY RH (See page 75-112)****23. INSTALL BACK DOOR STOPPER LOWER**

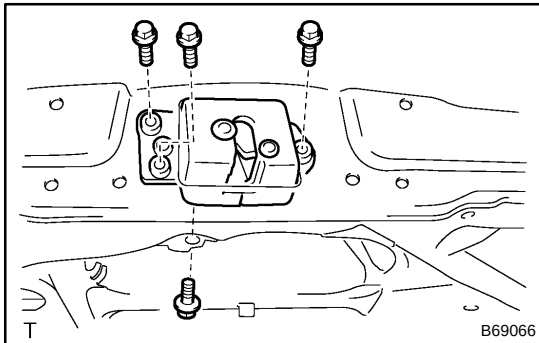
- (a) Install the 2 stoppers with the 4 bolts.

Torque: 7.0 N·m (71 kgf·cm, 62 in·lbf)

24. INSTALL BACK DOOR BASE STOPPER BRACKET

- (a) Install the 2 brackets with the 4 bolts.

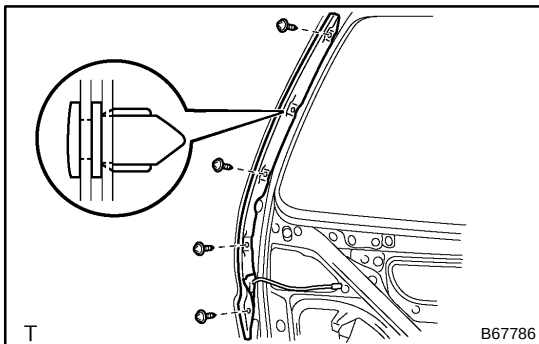
Torque: 7.0 N·m (71 kgf·cm, 62 in·lbf)

**25. INSTALL BACK DOOR W/ MOTOR LOCK ASSY**

- (a) Install the lock with the 4 bolts.

Torque: 12.5 N·m (112 kgf·cm, 9 ft·lbf)

- (b) Reset the lock (See page 75-94).

**26. INSTALL POWER BACK DOOR TOUCH SENSOR LH**

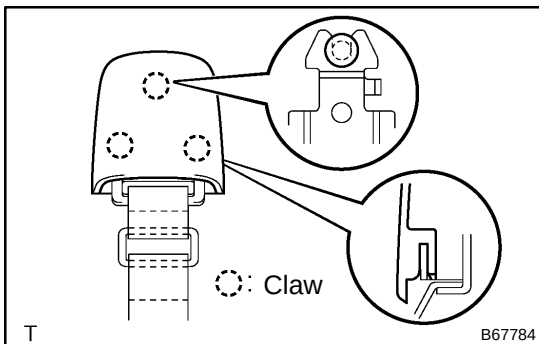
- (a) Install the touch sensor with the clip.

- (b) Using a torx® driver (T25), tighten the 4 screws.

27. INSTALL POWER BACK DOOR TOUCH SENSOR RH

- (a) Install the touch sensor with the clip.

- (b) Using a torx® driver (T25), tighten the 4 screws.

**28. INSTALL BACK DOOR PULL STRAP**

- (a) Install the pull strap with the bolt.

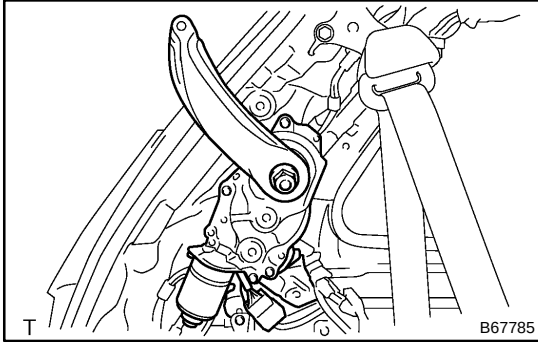
Torque: 5.0 N·m (51 kgf·cm, 42 in·lbf)

- (b) Install the cover.

29. INSTALL BACK DOOR STAY BRACKET UPPER LH

- (a) Install the bracket upper with the 2 bolts.

Torque: 12.5 N·m (112 kgf·cm, 9 ft·lbf)

**30. INSTALL POWER BACK DOOR DRIVE UNIT**

- (a) Install the drive unit with the 3 bolt.

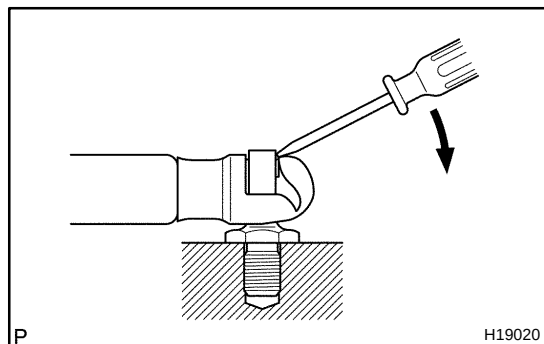
Torque: 12.5 N·m (112 kgf·cm, 9 ft·lbf)

- (b) Reset the drive unit (See page [75-94](#)).

BACK DOOR STAY REPLACEMENT

HINT:

On the RH side, use the same procedures as on the LH side.



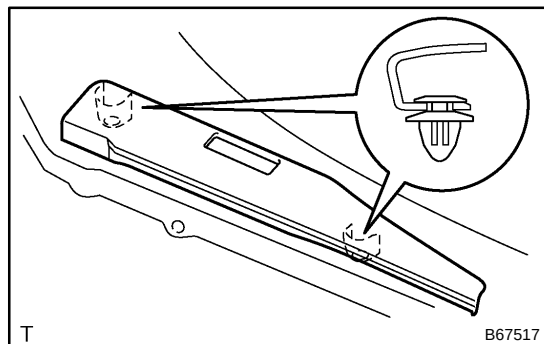
1. REMOVE BACK DOOR STAY SUB-ASSY LH

- (a) Remove the 2 bolts and disconnect the stay from the body panel.
- (b) Using the screwdriver, disengage the clips and remove the stay from the door panel.
- (c) Remove the bolt from door panel.

2. INSTALL BACK DOOR STAY SUB-ASSY LH

- (a) Install the stay with the bolts to the door panel.
Torque: 19.5 N·m (200 kgf·cm, 14 ft·lbf) for door side
- (b) Install the stay with the 2 bolts to the body panel.
Torque: 17.5 N·m (180 kgf·cm, 13 ft·lbf) for body side

REPLACEMENT

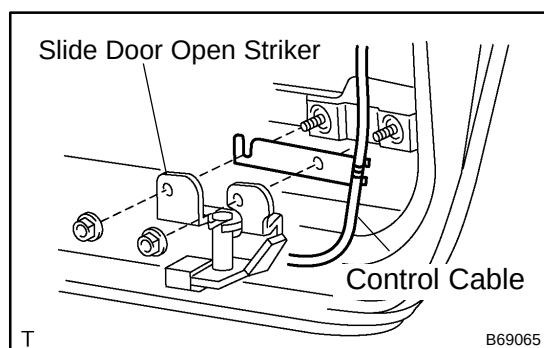


1. REPLACE SLIDE DOOR HALF OPEN STOPPER SUB-ASSY

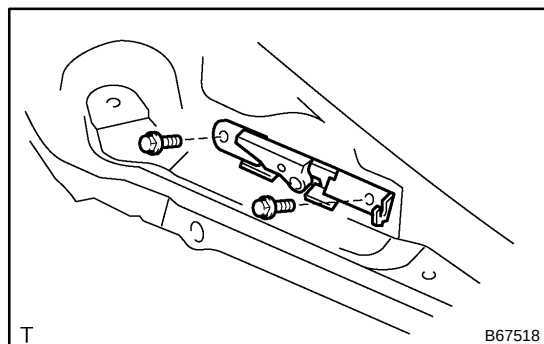
- (a) Using a screwdriver, remove the 2 clips and cover.

HINT:

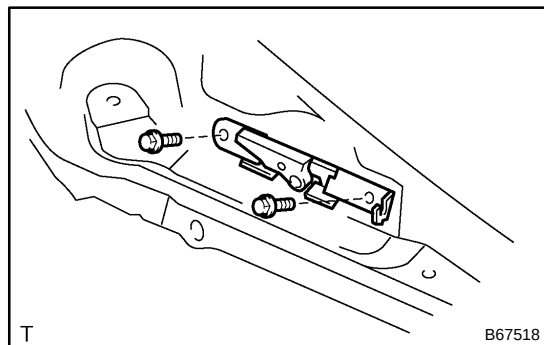
Tape the screwdriver tip before use.



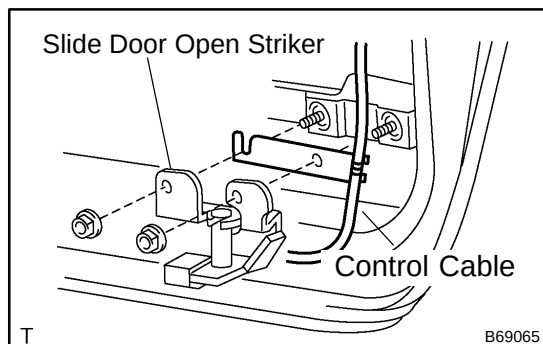
- (b) Remove the 2 bolts and disconnect the control cable from the open striker.



- (c) Disconnect the control cable from the half open stopper.
(d) Remove the 2 bolts and half open stopper.

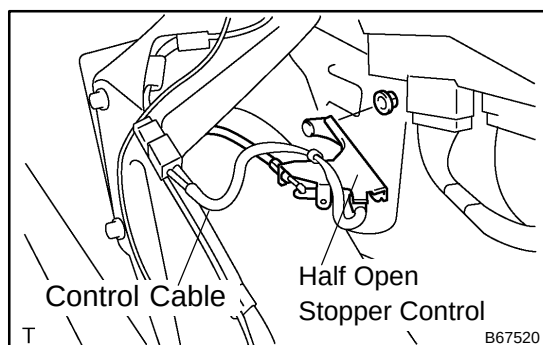


- (e) Install the half open stopper with the 2 bolts.
Torque: 7.0 N·m (71 kgf·cm, 62 in·lbf)
(f) Connect the control cable to the half open stopper.



- (g) Connect the control cable to the open striker with the 2 nuts.

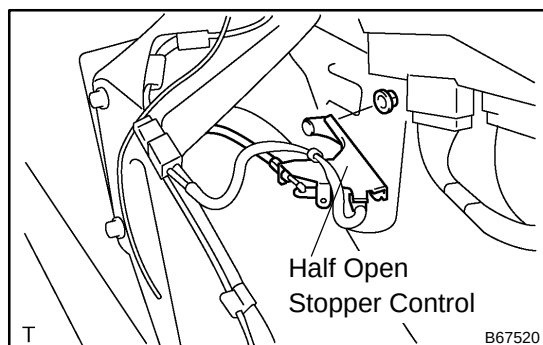
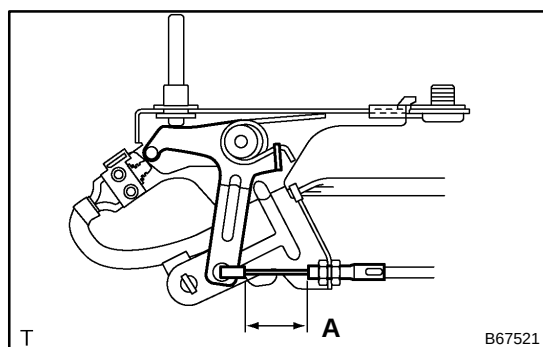
Torque: 7.0 N·m (71 kgf·cm, 62 in·lbf)



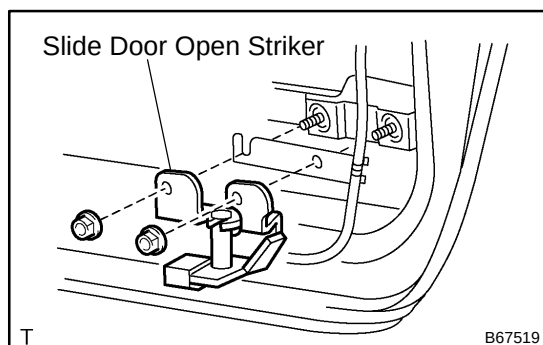
2. REPLACE SLIDE DOOR HALF OPEN STOPPER CONTROL ASSY

- Using a screwdriver, remove the rear door scuff plate (See page 76-27).
- Using a screwdriver, remove the back door scuff plate (See page 76-27).
- Using a screwdriver, remove the quarter trim panel (See page 76-27).
- Remove the 2 nuts and half open stopper control.
- Remove the control cable.
- Install the control cable, as shown in the illustration.

Dimension (A): 3.9 ± 1.5 mm (0.154 ± 0.059 in.)

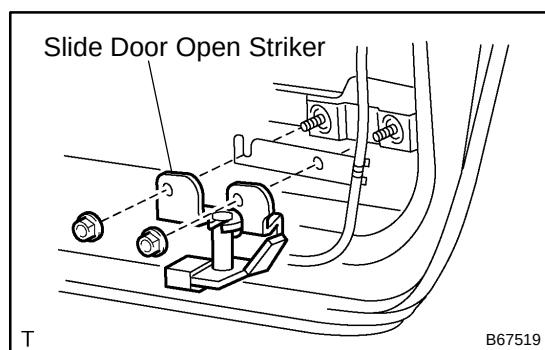


- (g) Install the half open stopper control with the 2 nuts.
Torque: 7.0 N·m (71 kgf·cm, 62 in·lbf)



3. REPLACE SLIDE DOOR OPEN STRIKER LH

- Remove the 2 nuts and open striker.

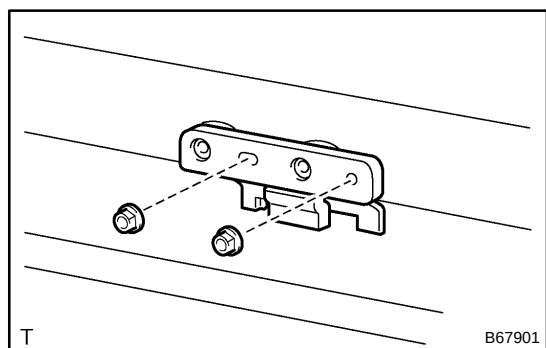


- (b) Install the open striker with the 2 nuts.
Torque: 7.0 N·m (71 kgf·cm, 62 in·lbf)

4. REPLACE SLIDE DOOR OPEN STRIKER RH

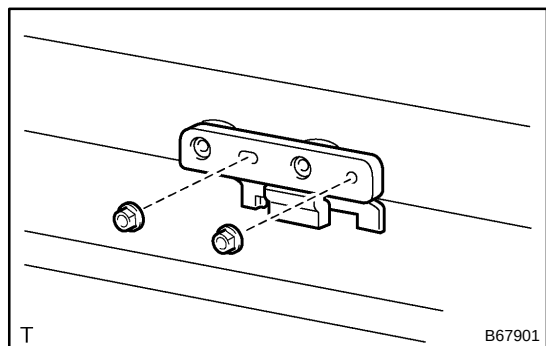
HINT:

Use the same procedures for the LH side.



5. REPLACE SLIDE DOOR OPEN STOP LH

- (a) Remove the 2 nuts and open stop.



- (b) Install the open stop with the 2 nuts.
Torque: 7.0 N·m (71 kgf·cm, 62 in·lbf)

6. REPLACE SLIDE DOOR OPEN STOP RH

HINT:

Use the same procedures for the LH side.