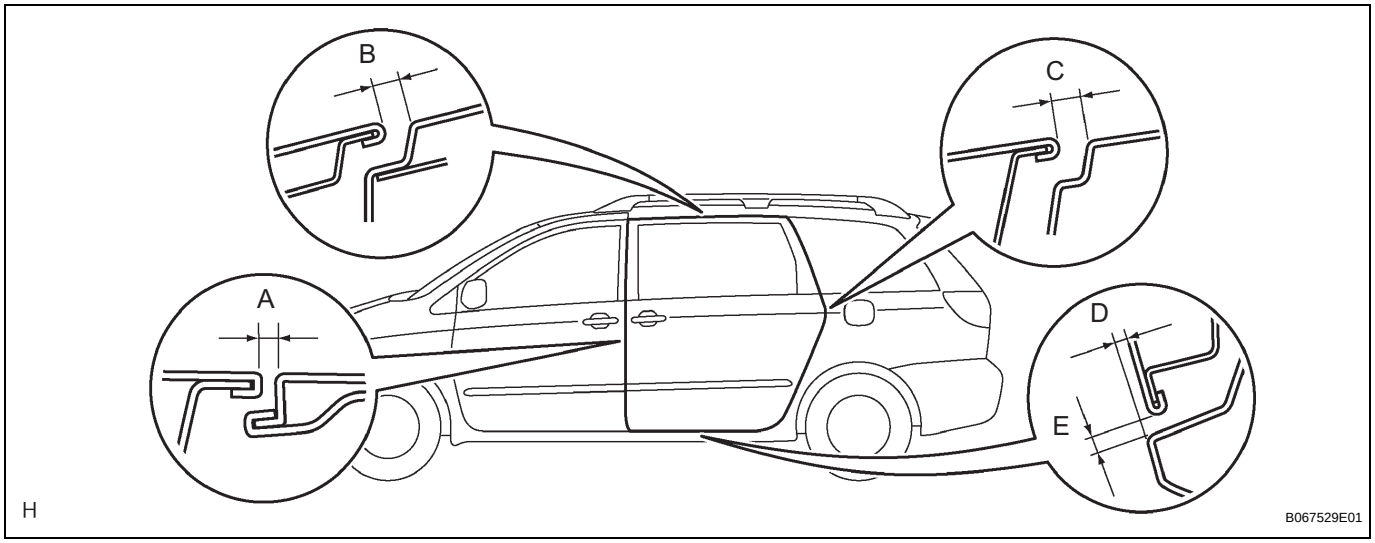
ADJUSTMENT

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

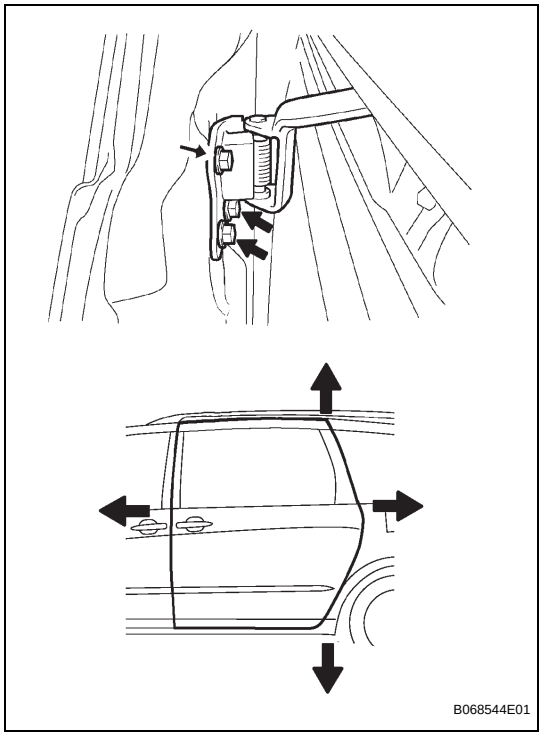
1. INSPECT SLIDE DOOR PANEL SUB-ASSEMBLY LH

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



Standard

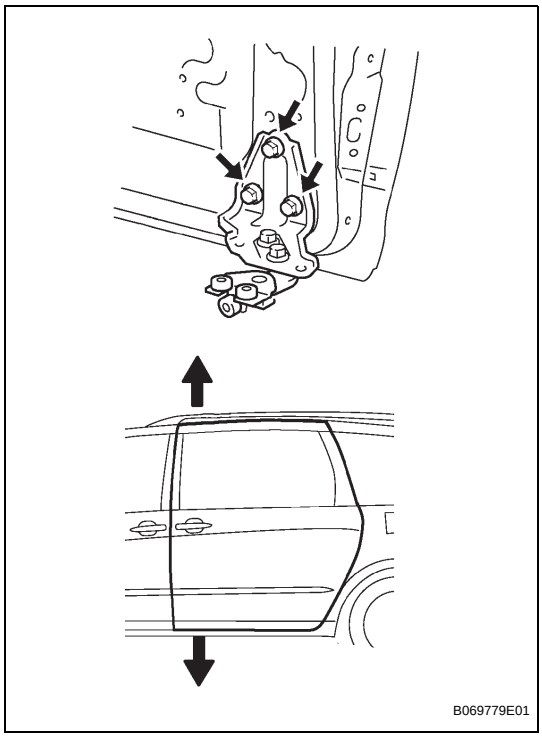
A	B	C	D	E
5.0 +- 1.5 mm (0.197 +- 0.059 in.)	8.0 +- 1.5 mm (0.315 +- 0.059 in.)	5.5 +- 1.5 mm (0.197 +- 0.059 in.)	7.0 +- 1.5 mm (0.275 +- 0.059 in.)	6.3 +- 1.5 mm (0.250 +- 0.059 in.)



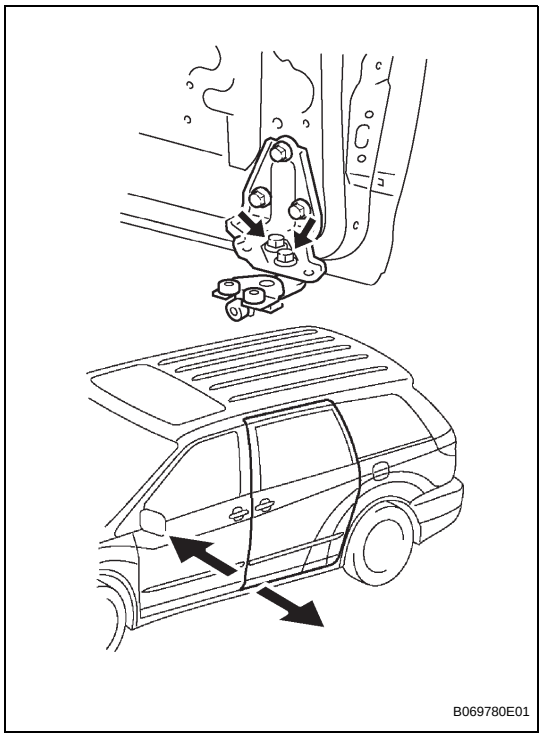
2. ADJUST SLIDE DOOR PANEL SUB-ASSEMBLY LH

(a) Using the SST, horizontally and vertically adjust the door by loosening the hinge center bolts.
SST 09812-00010, 09812-00020

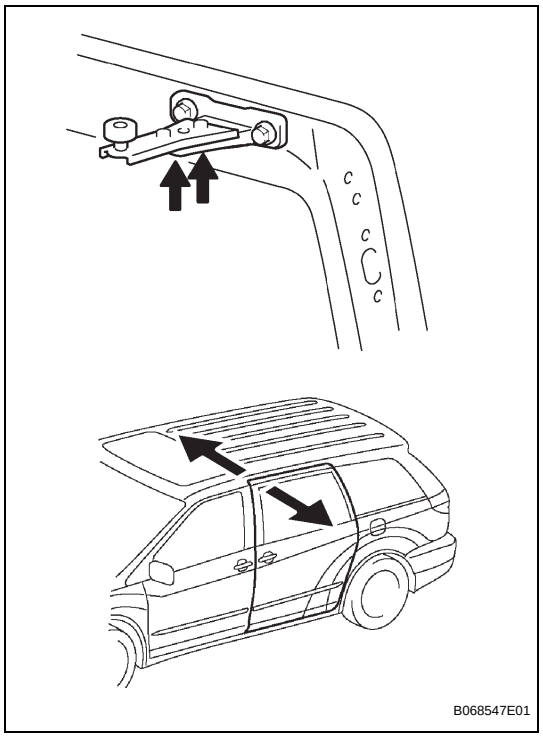
(b) Tighten the hinge center bolts after the adjustment.
Torque: 31 N*m (306 kgf*cm, 23 ft.*lbf)



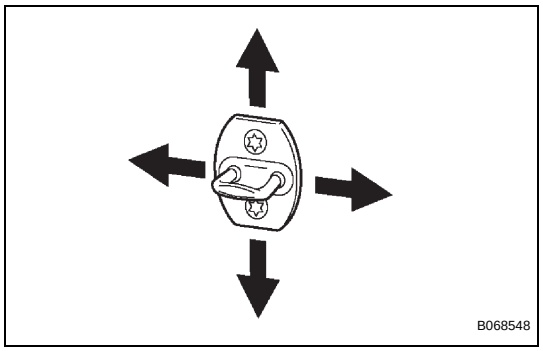
(c) Vertically adjust the front side of the door by loosening the roller lower bolts.
(d) Tighten the roller lower bolts after the adjustment.
Torque: 31 N*m (306 kgf*cm, 23 ft.*lbf)



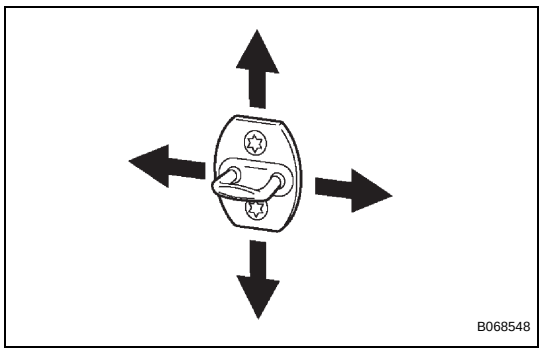
(e) Horizontally adjust the front lower side of the door by loosening the roller lower bolts.
(f) Tighten the roller lower bolts after the adjustment.
Torque: 31 N*m (306 kgf*cm, 23 ft.*lbf)



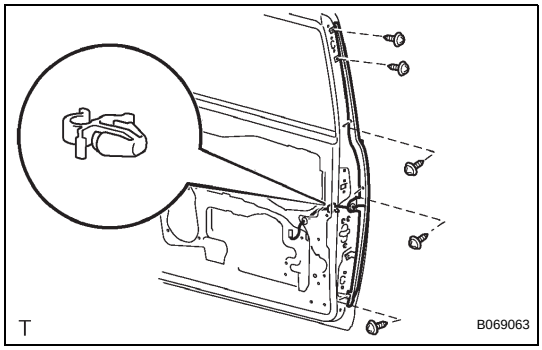
(g) Horizontally adjust the front upper side of the door by loosening the roller upper bolts.
(h) Tighten the roller lower bolts after the adjustment.
Torque: 8.5 N*m (82 kgf*cm, 73 in.*lbf)



(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)



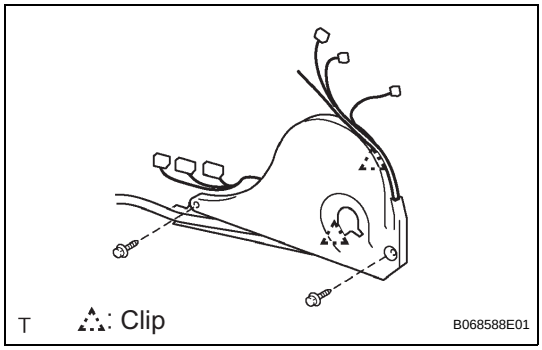
(k) Adjust the position the front lock striker by slightly loosening the striker mounting screws and hitting the striker with a plastic-faced hammer.
(l) Tighten the striker mounting screws after the adjustment.
Torque: 23 N*m (235 kgf*cm, 17 ft.*lbf)
(m) Adjust the position of the down stopper by moving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



REASSEMBLY

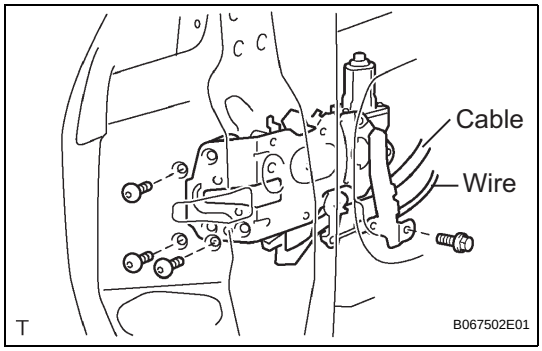
1. INSTALL POWER SLIDE DOOR TOUCH SENSOR LH

(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.



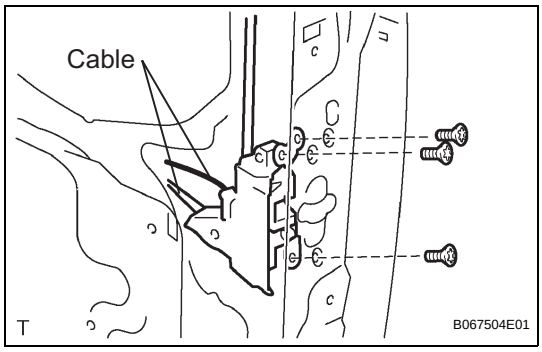
2. INSTALL REAR DOOR WIRE SUB-ASSEMBLY LH

(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.
(b) Install the 2 screws.



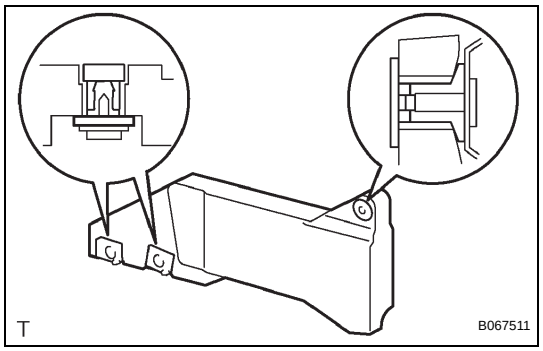
3. REMOVE POWER SLIDE DOOR LOCK ASSEMBLY LH

(a) Apply MP grease to the sliding and rotating areas of the lock.
(b) Apply adhesive to the threads of the 3 screws.
Adhesive:
Part No. 08833-00070, THREE BOND 1324 or equivalent
(c) 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)
(d) Install the bolt.
Torque: 5.0 N*m (51 kgf*cm, 44 in.*lbf)
(e) Connect the connector and cable.



4. INSTALL SLIDE DOOR LOCK ASSEMBLY FRONT LH

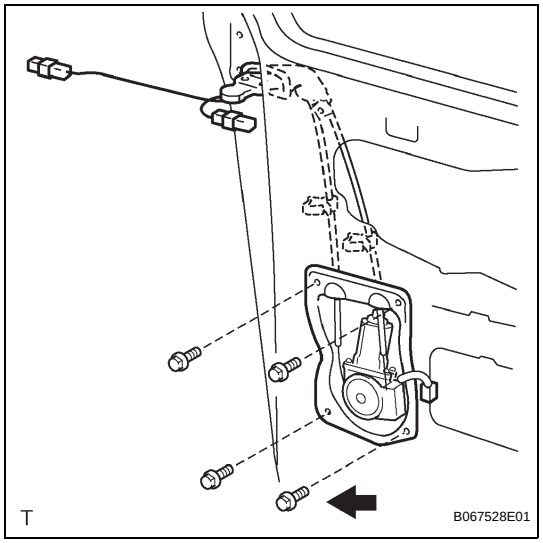
(a) Apply MP grease to the sliding and rotating areas of the lock.
(b) Apply adhesive to the threads of the 3 screws.
Adhesive:
Part No. 08833-00070, THREE BOND 1324 or equivalent
(c) Using a torx socket wrench (T30), install the lock to the door panel with the 3 screws.
Torque: 5.0 N*m (51 kgf*cm, 44 in.*lbf)
(d) Connect the 2 cables.



5. 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.

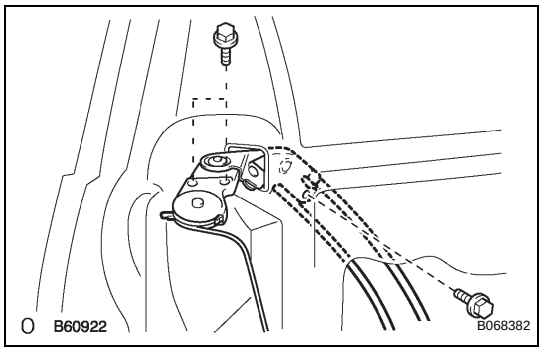


6. INSTALL POWER SLIDE DOOR CONTROL MOTOR AND CLUTCH

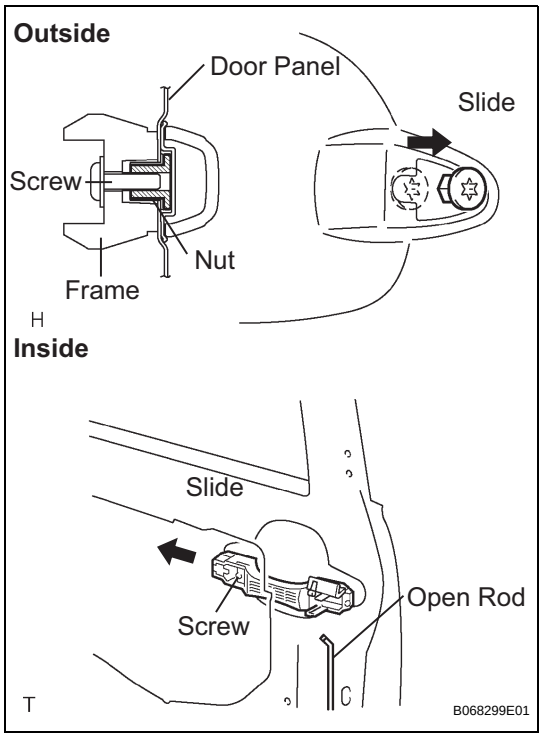
(a) Tighten the 4 bolts on the lower part of the control motor and clutch.
Torque: 8.0 N*m (82 kgf*cm, 71 in.*lbf)

(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)



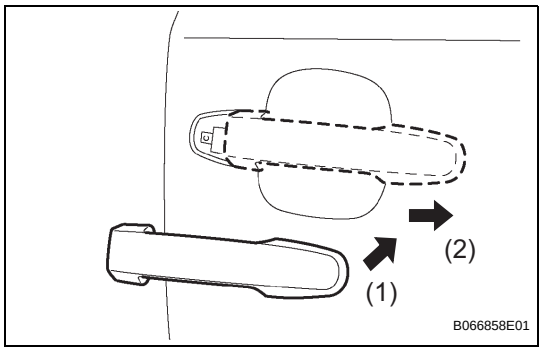
7. INSTALL REAR DOOR OUTSIDE HANDLE FRAME SUB-ASSEMBLY LH

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

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

(c) 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.

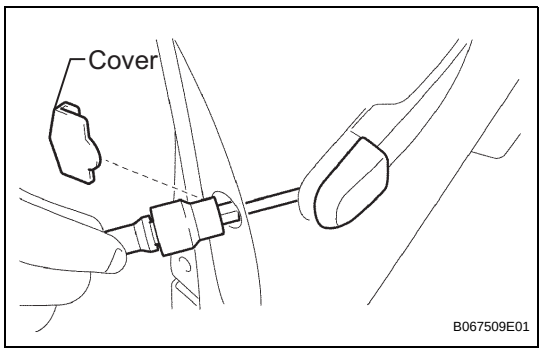
(d) Install the open rod.



8. INSTALL REAR DOOR OUTSIDE HANDLE ASSEMBLY LH

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

(b) 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.

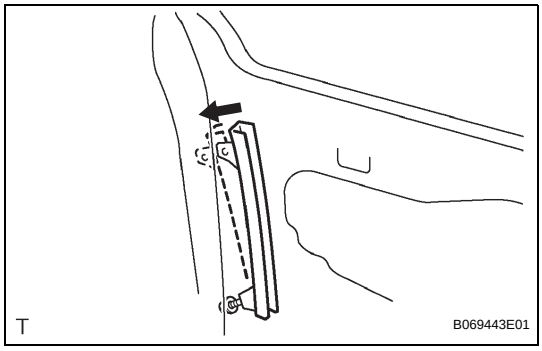


9. INSTALL REAR DOOR OUTSIDE HANDLE COVER LH

(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 outside handle hole cover.

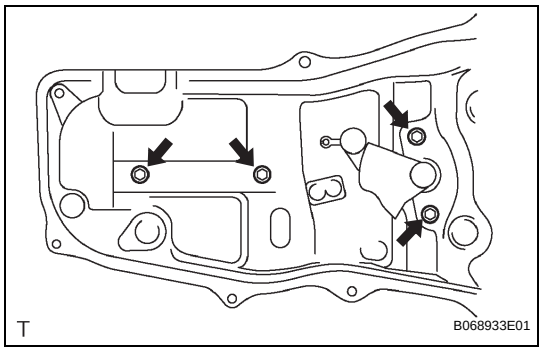
ED



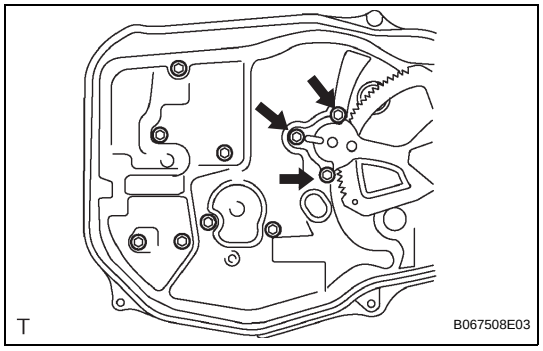
10. INSTALL SLIDE DOOR ATTACHMENT CONTROL LH

(a) Temporarily install the window frame rear lower with the nut.

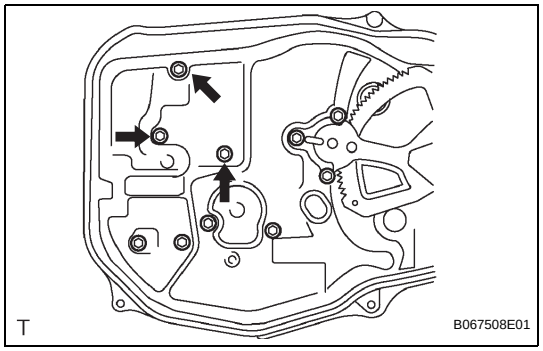
(b) Move the window frame rear lower in the direction indicated by the arrow mark in the illustration.



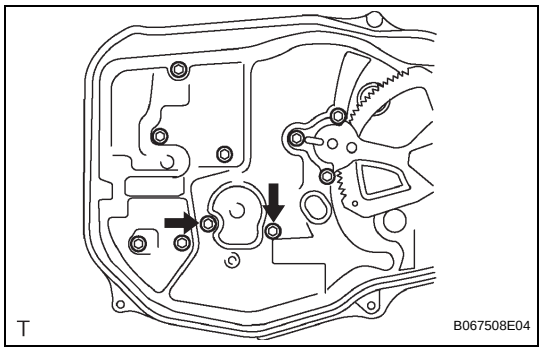
(c) Apply MP grease to the sliding and rotating areas of the window regulator.
(d) Install the window regulator with the 4 bolts.
Torque: 7.0 N*m (71 kgf*cm, 62 in.*lbf)
(e) Install the half stop control lever and door lock control bellcrank.



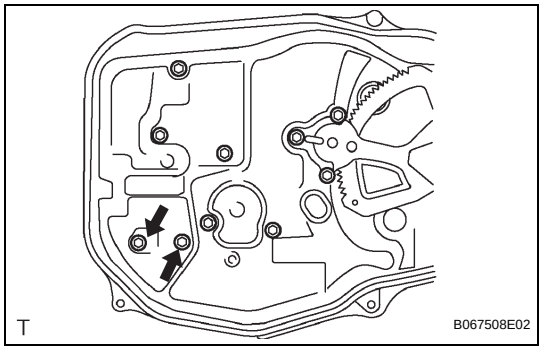
(f) Install the power window regulator motor with the 3 screws.
Torque: 5.5 N*m (58 kgf*cm, 49 in.*lbf)



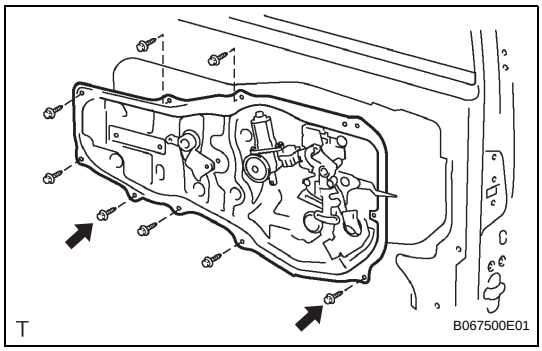
(g) Apply MP grease to the sliding and rotating areas of the door lock remote control.
(h) Install the lock remote control with the 3 bolts.
Torque: 5.5 N*m (58 kgf*cm, 49 in.*lbf)

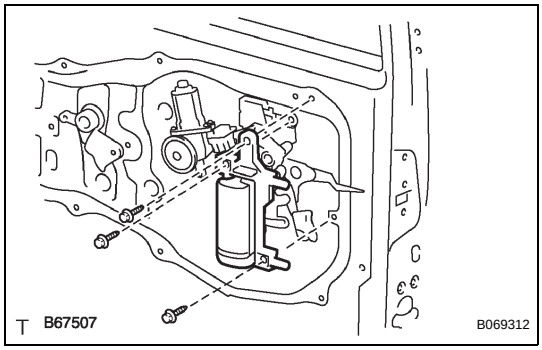


(i) Install the lock release motor with the 2 screws.
Torque: 5.5 N*m (58 kgf*cm, 49 in.*lbf)
(j) Install the control rod.



(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)

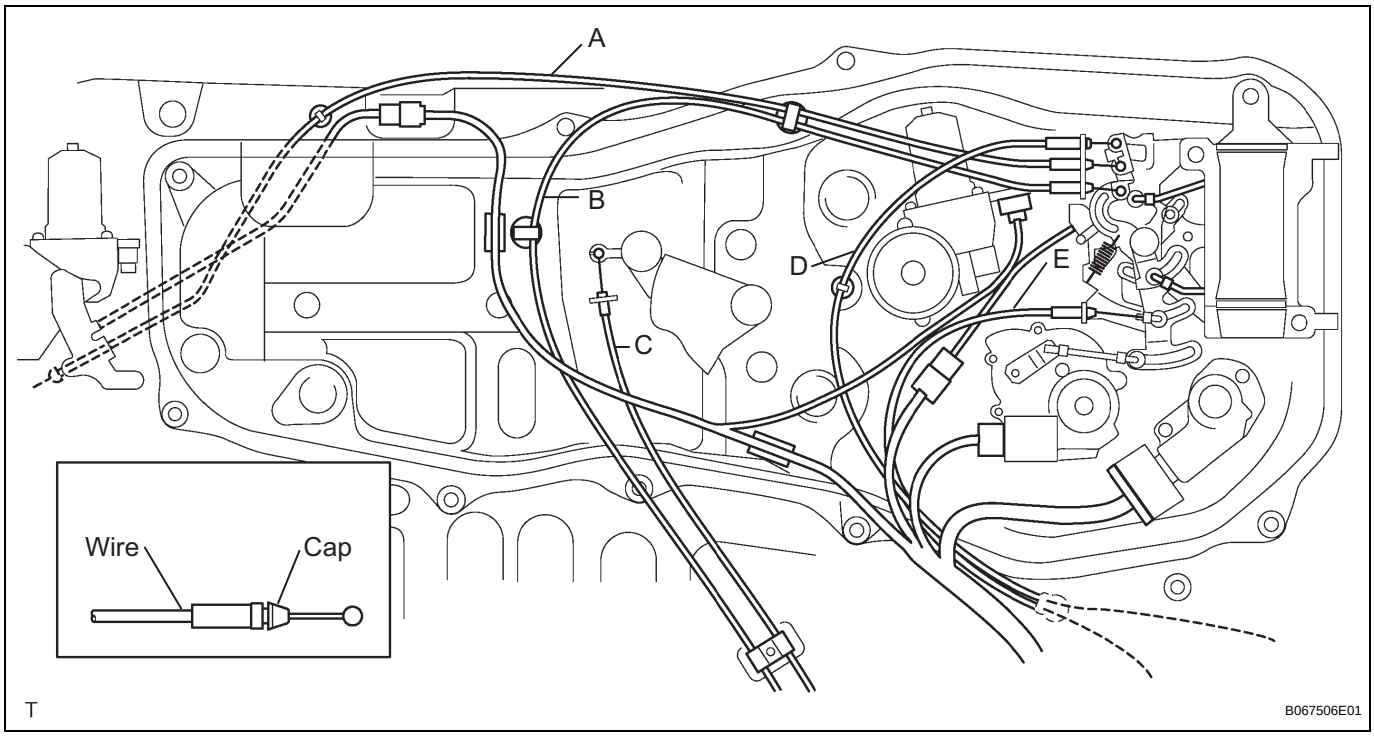
(n) RH side:
Install the attachment control with the 6 bolts.
Torque: 8.0 N*m (82 kgf*cm, 71 in.*lbf)

(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)

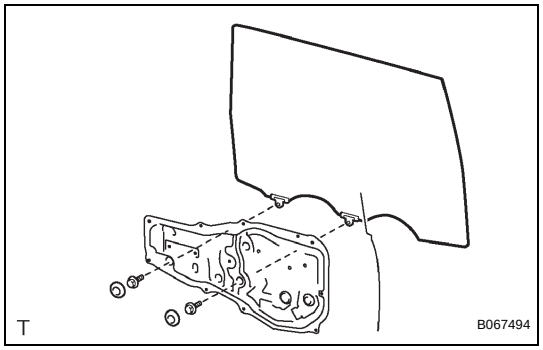
(p) Install the inside handle with the 2 screws and bolt.
Torque: 7.0 N*m (71 kgf*cm, 62 in.*lbf)

(q) Install the control rod.

(r) Install the control cables and the wires.

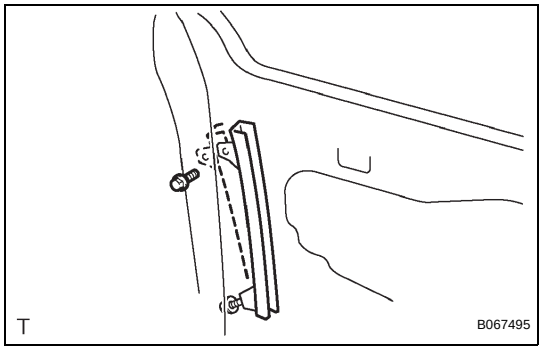


No.	Cap Color	Control
A	Gray	Rear Lock Cable
B	Black	Full Open Lock Cable
C	-	Half Open Stopper Cable
D	Green	Front Lock Cable
E	Yellow	Outside Handle Cable

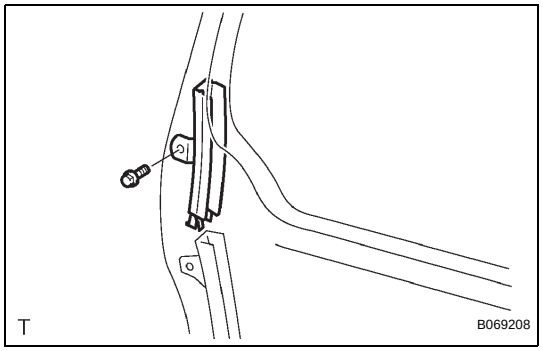


11. INSTALL SLIDE DOOR WINDOW ASSEMBLY LH

(a) Open the door glass until the bolts appear in the service holes.
(b) Install the window with the 2 bolts.
(c) Install the hole plug.

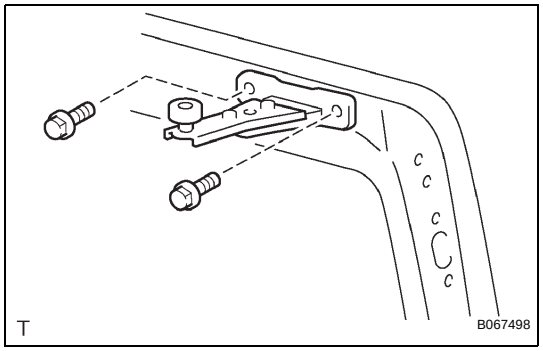


(d) Put the window frame rear lower in the original position and tighten the nut.
Torque: 8.0 N*m (82 kgf*cm, 71 in.*lbf)
(e) Install the bolt.
Torque: 8.0 N*m (82 kgf*cm, 71 in.*lbf)



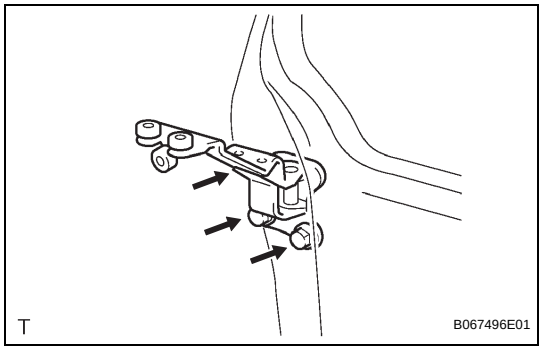
(f) Install the window frame with the bolt.
Torque: 8.0 N*m (82 kgf*cm, 71 in.*lbf)
(g) Install the glass run.

INSTALLATION



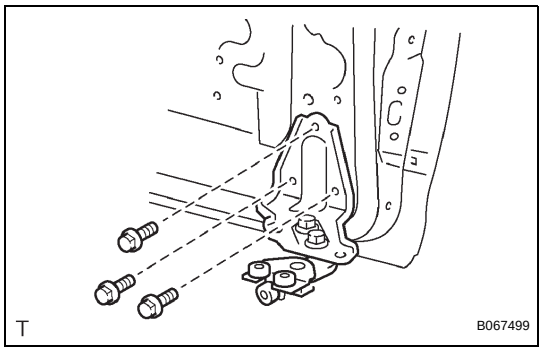
1. INSTALL SLIDE DOOR ROLLER ASSEMBLY UPPER

(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)



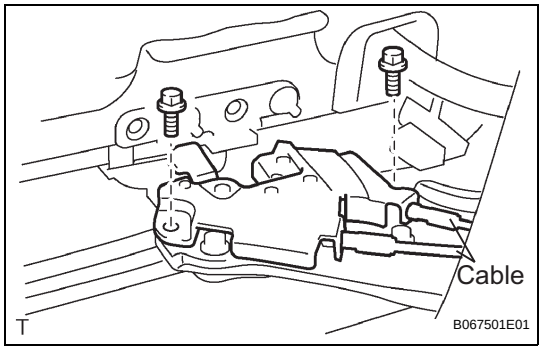
2. INSTALL SLIDE DOOR HINGE ASSEMBLY CENTER LH

(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)



3. INSTALL SLIDE DOOR ROLLER ASSEMBLY 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)

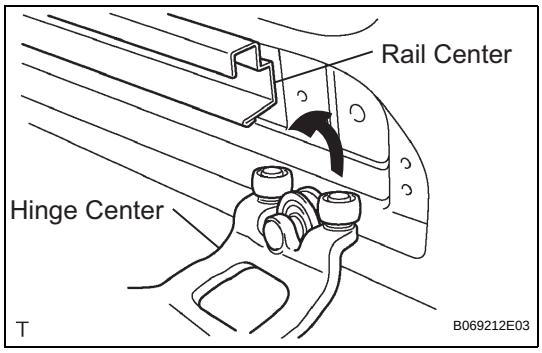


4. INSTALL SLIDE DOOR FULL OPEN STOP LOCK ASSEMBLY LH

(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) Install the 2 cables.

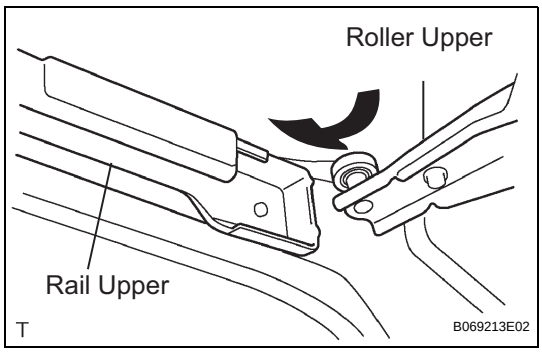
5. INSTALL SLIDE DOOR RAILS

(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 IR-14).

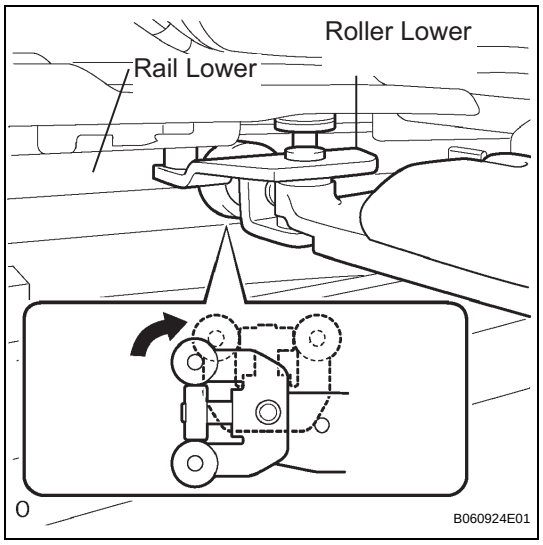


6. INSTALL SLIDE DOOR

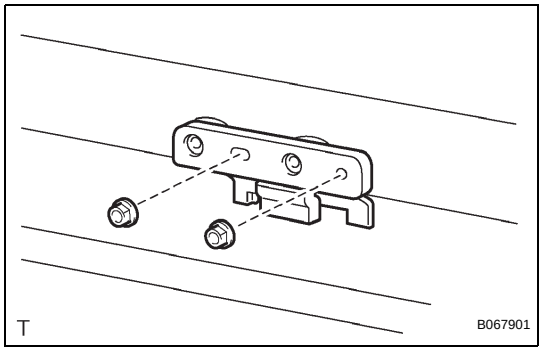
(a) Put in the slide door hinge center from the rear part of the slide door rail center.



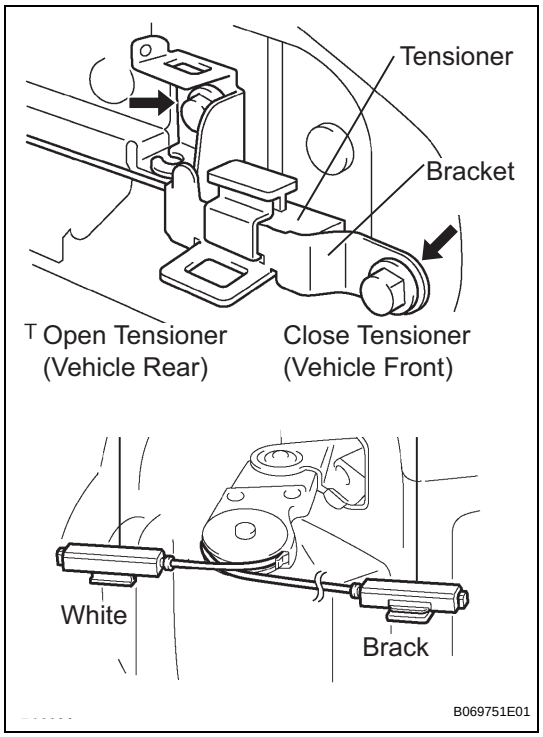
(b) Move the slide door forward and then put in the slide door roller upper into the cut area of the slide door rail upper.



(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.



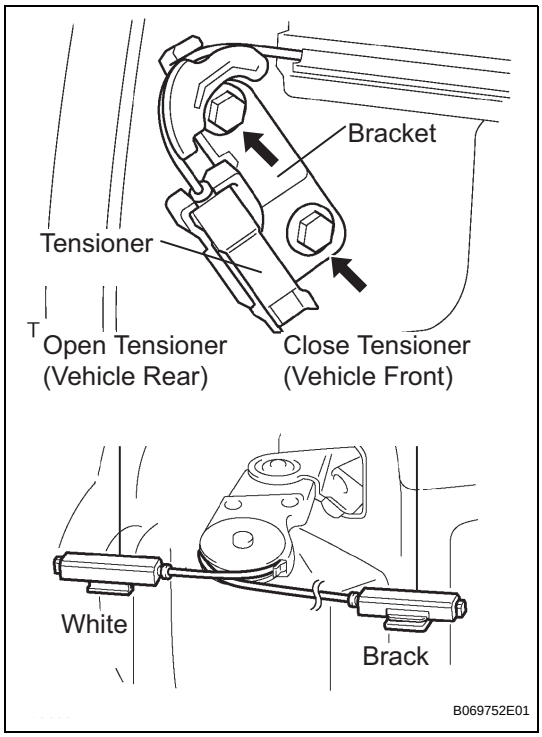
(d) Install the open stop with the 2 nuts.
Torque: 7.0 N*m (71 kgf*cm, 62 in.*lbf)



(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.

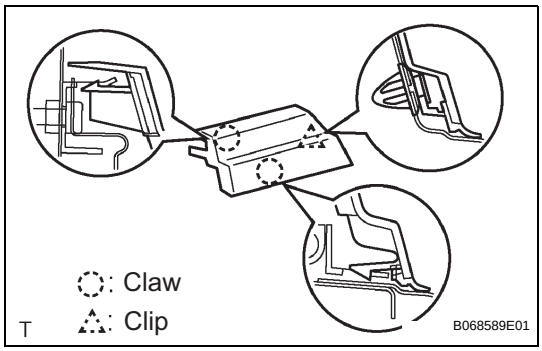
(f) Install the bracket center No. 2 connected to the open tensioner (color: white) with the 2 bolts.
Torque: 8.0 N*m (82 kgf*cm, 71 in.*lbf)

ED



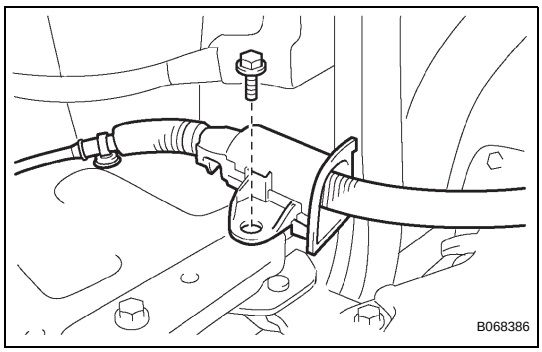
(g) Connect the close tensioner (color: black) to the bracket center No. 1 on the front side of the vehicle.
HINT:
- The close tensioner (color: black) should be placed lower than the open tensioner (color: white) at their cross point.
- Be careful for the place where the tensioner is installed.

(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.