FLOOR SHIFT ASSY

410D9–01

OVERHAUL

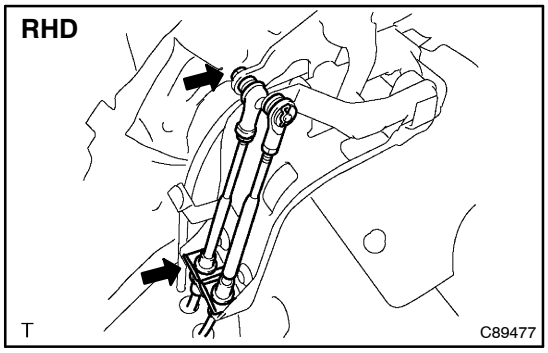
1. REMOVE FLOOR SHIFT SHIFT LEVER KNOB SUB–ASSY

2. REMOVE PARKING BRAKE HOLE COVER

(a) Remove the 2 screws and parking hole cover.

3. REMOVE SHIFTING HOLE COVER SUB–ASSY AND SHIFT LEVER BOOT COVER

(a) Remove the 3 clips and shift lever boot cover.



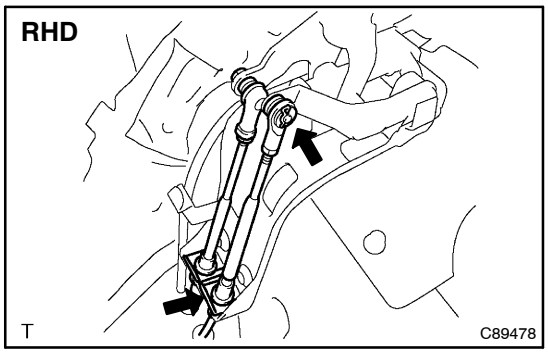
4. SEPARATE FLOOR SHIFT CABLE TRANSMISSION CONTROL SHIFT

(a) Remove the nut and disconnect the shift cable from the floor shift.

(b) Remove the clip and disconnect the shift cable from the shift lever retainer.

HINT:

For LHD vehicles, the configuration is opposite to RHD vehicles.



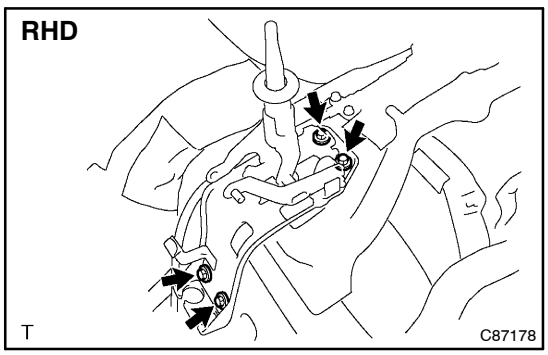
5. SEPARATE FLOOR SHIFT CABLE TRANSMISSION CONTROL SELECT

(a) Remove the clip and disconnect the select cable from the floor shift.

(b) Remove the clip and disconnect the select cable from the shift lever retainer.

HINT:

For LHD vehicles, the configuration is opposite to RHD vehicles.

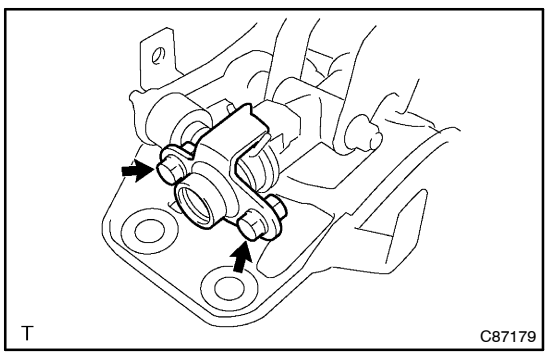


6. REMOVE FLOOR SHIFT ASSY

(a) Remove the 4 bolts and floor shift.

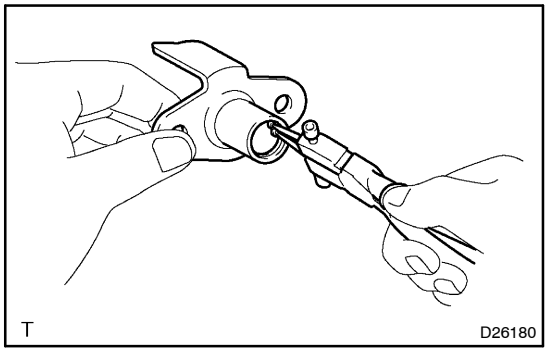
HINT:

For LHD vehicles, the configuration is opposite to RHD vehicles.

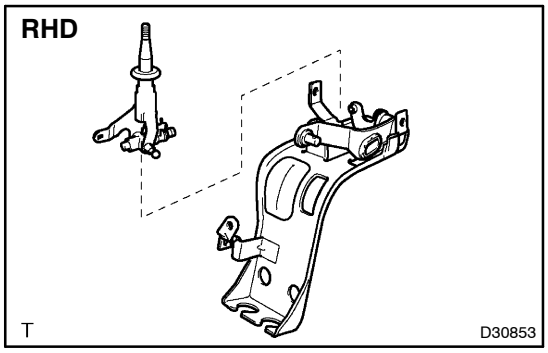


7. REMOVE FLOOR SHIFT CONTROL LEVER STOPPER

(a) Remove the 2 bolts, control lever stopper and washer.



(b) Using snap ring pliers, remove the snap ring from the control lever stopper.

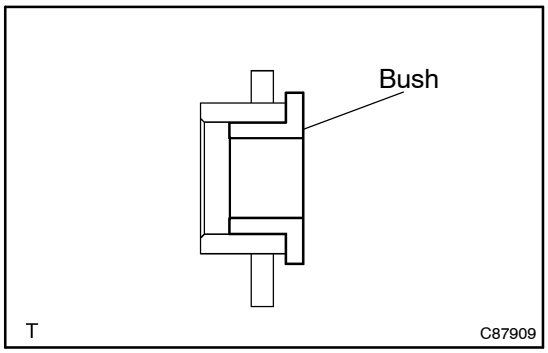


8. REMOVE FLOOR SHIFT CONTROL SHIFT LEVER RETAINER SUB–ASSY

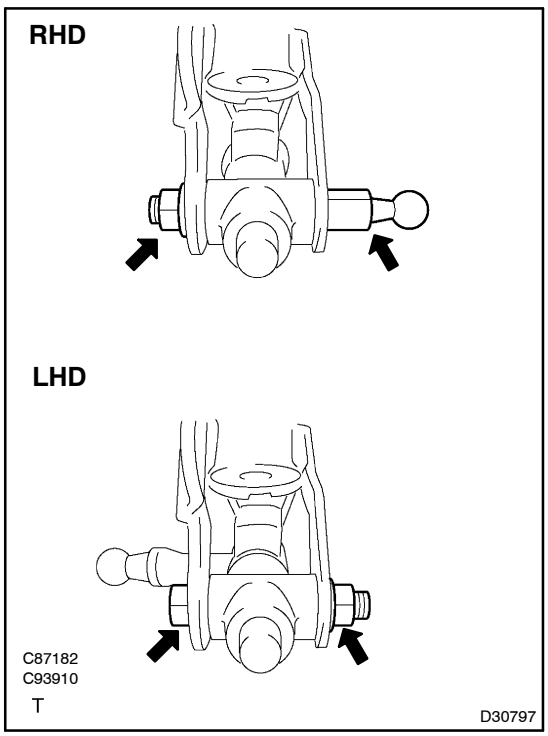
(a) Remove the shift lever retainer.

HINT:

For LHD vehicles, the configuration is opposite to RHD vehicles.

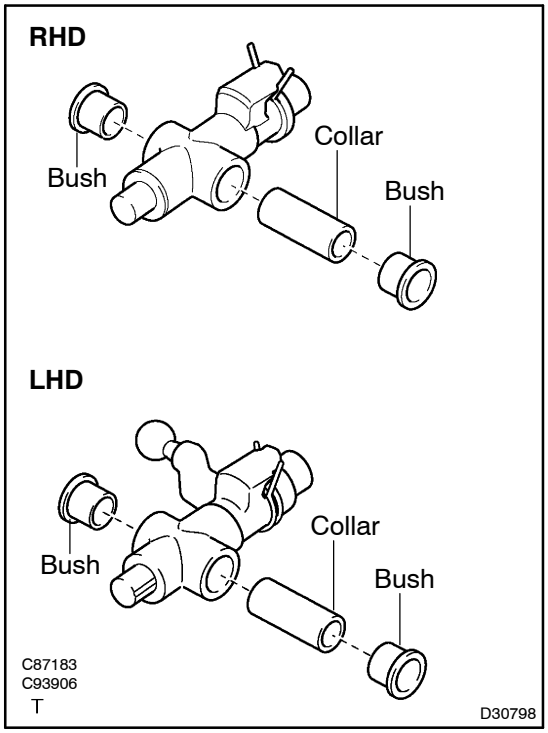


(b) Remove the bush from the shift lever retainer.



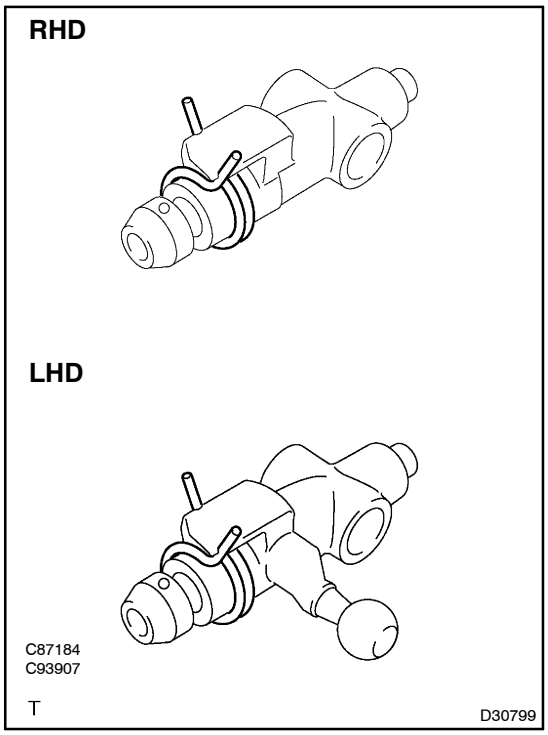
9. REMOVE FLOOR SHIFT SHIFT LEVER SUB–ASSY

(a) Remove the nut, shift lever bolt and shift lever from the select lever.



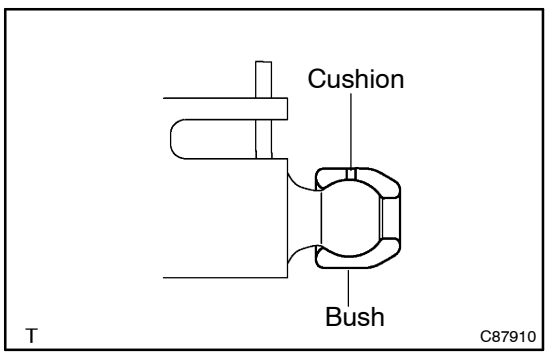
10. REMOVE SELECT LEVER COLLAR

(a) Remove the 2 bushes and collar from the select lever.



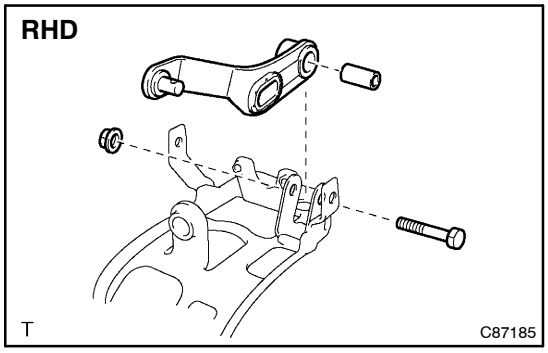
11. REMOVE SELECT LEVER TORSION SPRING

(a) Remove the torsion spring from the select lever.



12. REMOVE FLOOR SHIFT NO.1 BUSH

(a) Remove the bush and cushion from the select lever.



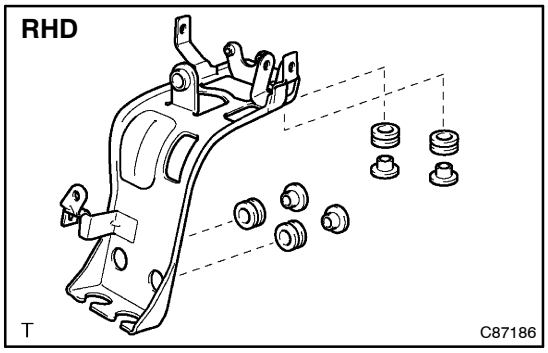
13. REMOVE SELECTING BELLCRANK

(a) Remove the nut, bolt and selecting bellcrank from the shift lever retainer.

(b) Remove the collar from the selecting bellcrank.

HINT:

For LHD vehicles, the configuration is opposite to RHD vehicles.



14. REMOVE CONTROL SHIFT LEVER RETAINER NO.1 GROMMET

(a) Remove the 4 grommets and bushes from the shift lever retainer.

HINT:

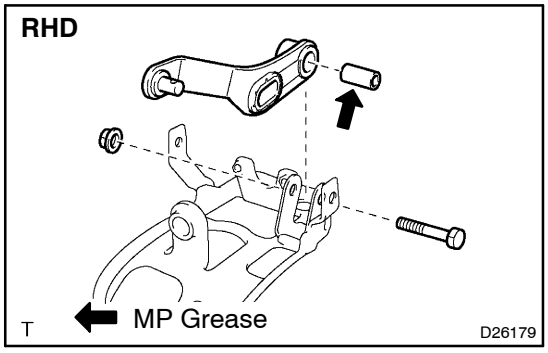
For LHD vehicles, the configuration is opposite to RHD vehicles.

15. INSTALL CONTROL SHIFT LEVER RETAINER NO.1 GROMMET

(a) Install the 4 bushes and new grommets to the shift lever retainer.

HINT:

For LHD vehicles, the configuration is opposite to RHD vehicles.



16. INSTALL SELECTING BELLCRANK

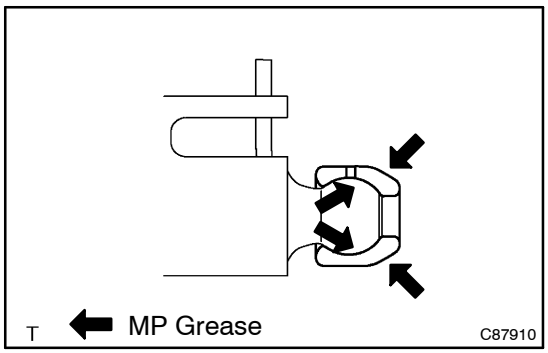
(a) Apply MP grease to the outside of the collar

(b) Install the selecting bellcrank to the shift lever retainer with the bolt and nut.

Torque: 12 N·m (120 kgf·cm, 9 ft·lbf)

HINT:

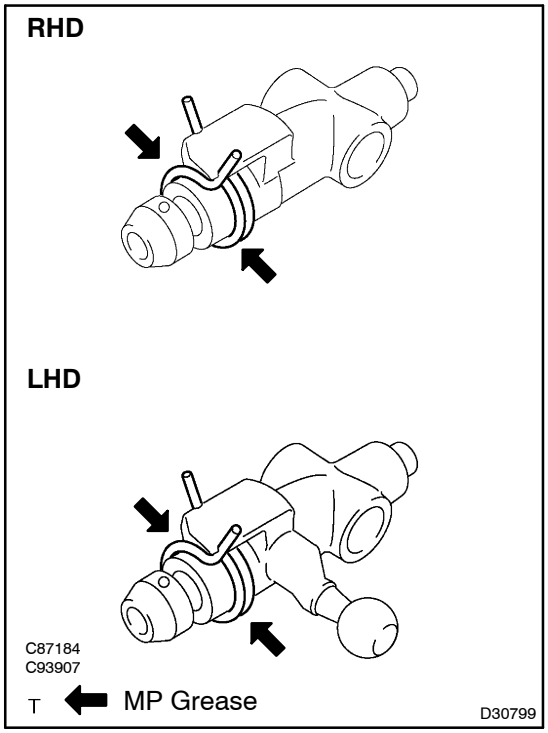
For LHD vehicles, the configuration is opposite to RHD vehicles.



17. INSTALL SELECT LEVER TORSION SPRING

(a) Apply MP grease to the inside and outside of a new bush.

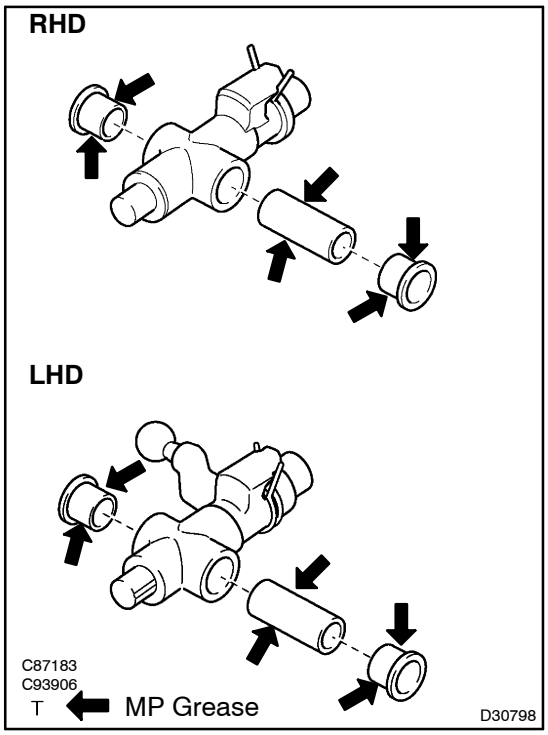
(b) Install a new cushion and the bush to the select lever.



18. INSTALL FLOOR SHIFT NO.1 BUSH

(a) Apply MP grease to the torsion spring.

(b) Install the torsion spring to the select lever.

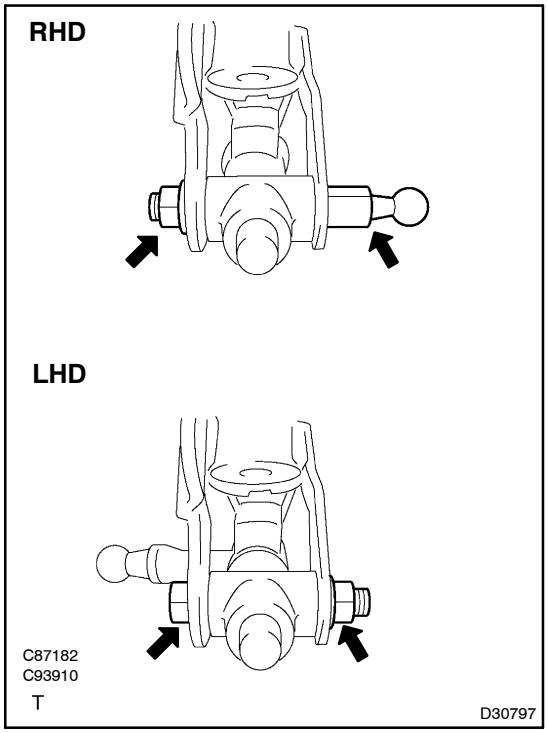


19. INSTALL SELECT LEVER COLLAR

(a) Apply MP grease to the outside of the collar.

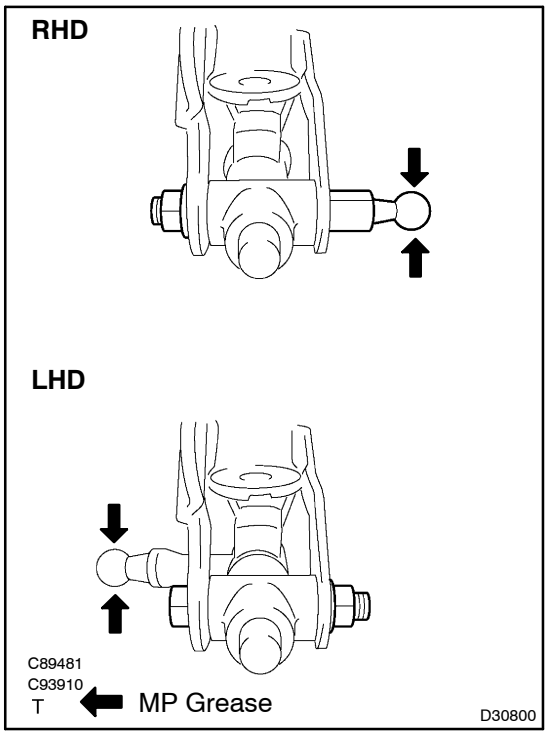
(b) Apply MP grease to both sides of 2 new bushes.

(c) Install the collar and 2 bushes to the select lever.

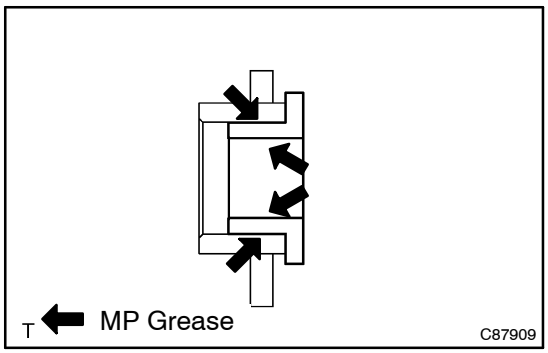


20. INSTALL FLOOR SHIFT SHIFT LEVER SUB–ASSY

(a) Install the shift lever to the select lever with the shift lever bolt and nut.
Torque: 14.5 N·m (145 kgf·cm, 11 ft·lbf)

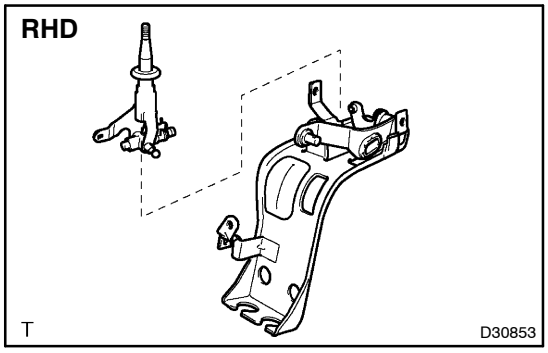


(b) Apply MP grease to the outside of the shift lever bolt.



21. INSTALL FLOOR SHIFT CONTROL SHIFT LEVER RETAINER SUB–ASSY

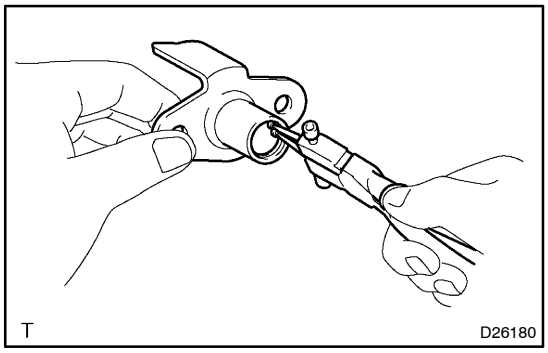
(a) Apply MP grease to the inside and outside of a new bush.
(b) Install the bush to the shift lever retainer.



(c) Install the shift lever retainer with the shift lever bolt and nut.

HINT:

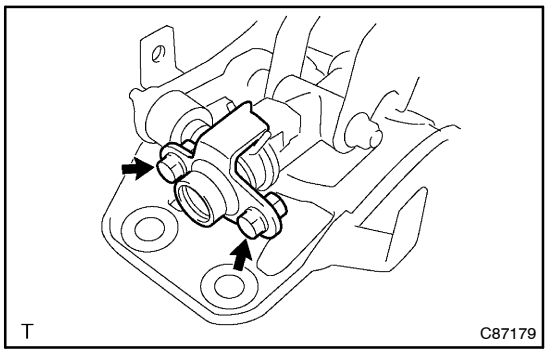
For LHD vehicles, the configuration is opposite to RHD vehicles.



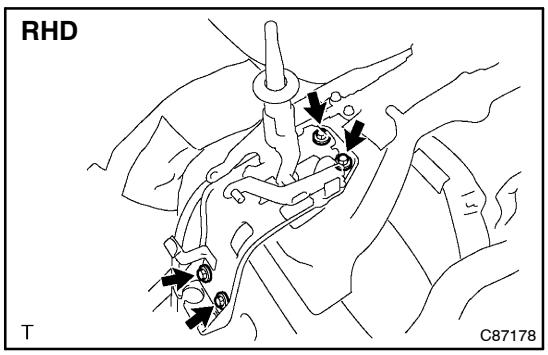
22. INSTALL FLOOR SHIFT CONTROL LEVER STOPPER

(a) Using snap ring pliers, install the snap ring to the control lever stopper.

(b) Install the washer to the control lever stopper.



(c) Install the control lever stopper with the 2 bolts.
Torque: 5.0 N·m (50 kgf·cm, 44 in.·lbf)

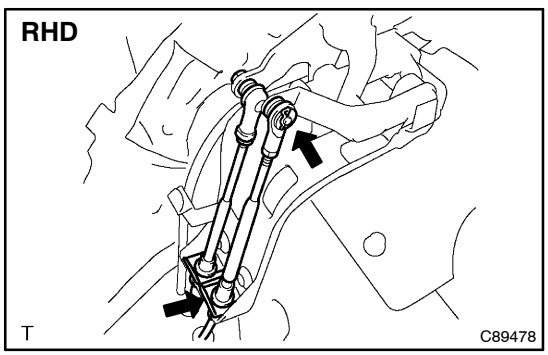


23. INSTALL FLOOR SHIFT ASSY

(a) Install the floor shift assy to the floor with the 4 bolts.
Torque: 18 N·m (183 kgf·cm, 13 ft·lbf)

HINT:

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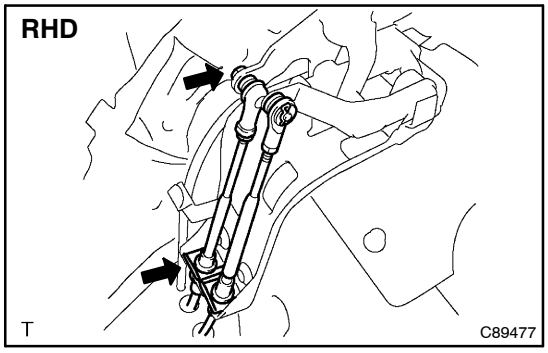
24. INSTALL FLOOR SHIFT CABLE TRANSMISSION CONTROL SHIFT

(a) Install the select cable to the shift lever retainer with the clip.

(b) Install the select cable to the floor shift with the clip.

HINT:

For LHD vehicles, the configuration is opposite to RHD vehicles.



25. INSTALL FLOOR SHIFT CABLE TRANSMISSION CONTROL SELECT

(a) Install the shift cable to the shift lever retainer with the clip.

(b) Temporarily install the shift cable to the floor shift with the nut.

HINT:

For LHD vehicles, the configuration is opposite to RHD vehicles.

26. INSPECT AND ADJUST SHIFT LEVER POSITION (See page 41–10)

27. INSTALL SHIFTING HOLE COVER SUB–ASSY AND SHIFT LEVER BOOT COVER

(a) Install the shift lever boot cover with the 3 clips.

28. INSTALL PARKING BRAKE HOLE COVER

(a) Install the parking hole cover with the 2 screws.

29. INSTALL FLOOR SHIFT SHIFT LEVER KNOB SUB–ASSY