750IS–01

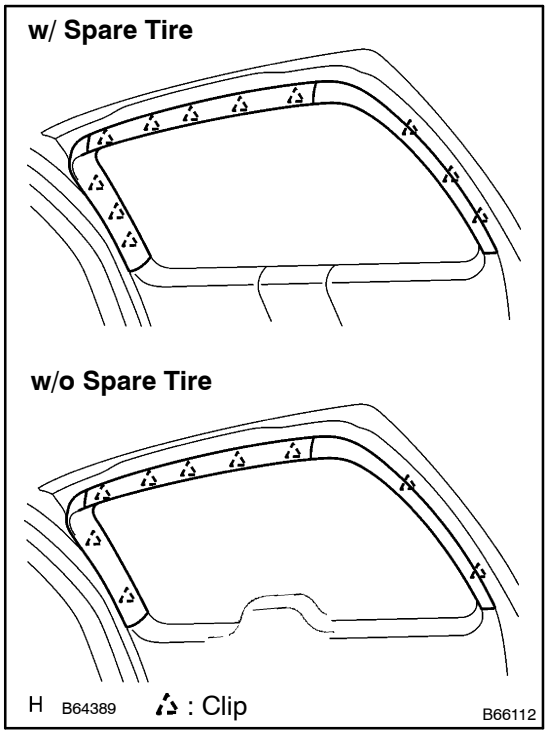
OVERHAUL

HINT:

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

1. REMOVE SPARE WHEEL CARRIER BRACKET SUB–ASSY (w/ SPARE TIRE)

(a) Remove the 4 bolts and carrier bracket sub–assy.



2. REMOVE BACK DOOR GARNISH CENTER

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

3. REMOVE BACK DOOR SIDE GARNISH LH

(a) w/ Spare Tire
Using a clip remover, disengage the 3 clips and remove the side garnish.

(b) w/o Spare Tire
Using a clip remover, disengage the 2 clips and remove the side garnish.

4. REMOVE BACK DOOR SIDE GARNISH RH

(a) w/ Spare Tire
Using a clip remover, disengage the 3 clips and remove the side garnish.

(b) w/o Spare Tire
Using a clip remover, disengage the 2 clips and remove the side garnish.

5. REMOVE TOOL BOX PANEL SUB–ASSY UPPER

(a) Remove the tool cover and tool set.

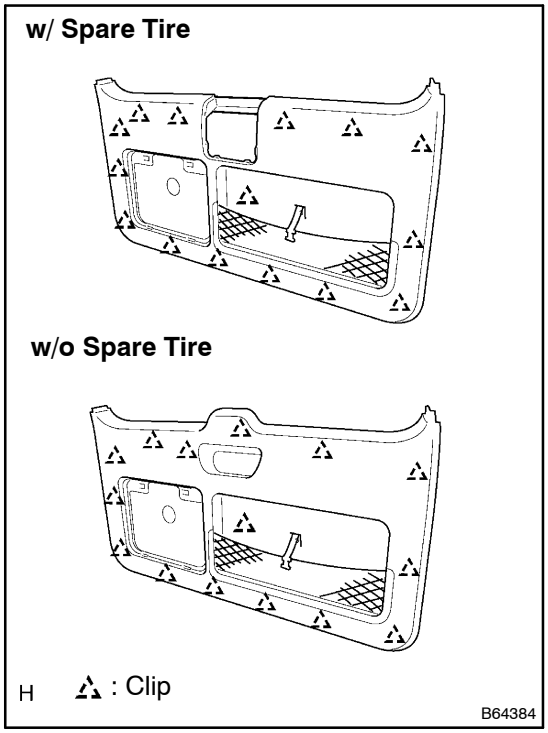
6. REMOVE DOOR PULL HANDLE SUB–ASSY (w/ SPARE TIRE)

(a) w/ Inside handle:
Remove the 3 screw and pull handle sub–assy.

(b) w/o Inside handle:
Remove the 2 screw and pull handle sub–assy.

7. REMOVE ASSIST GRIP ASSY (w/o SPARE TIRE)

(a) Remove the 2 assist grip covers and assist grip assy.



8. REMOVE BACK DOOR TRIM BOARD

(a) Remove the 2 trim board covers.

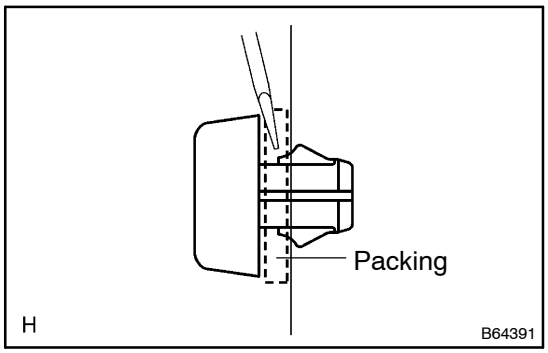
(b) Remove the screw.

(c) Using a screwdriver, disengage the 15 clips and remove the trim board.

HINT:

Tape the screwdriver tip before use.

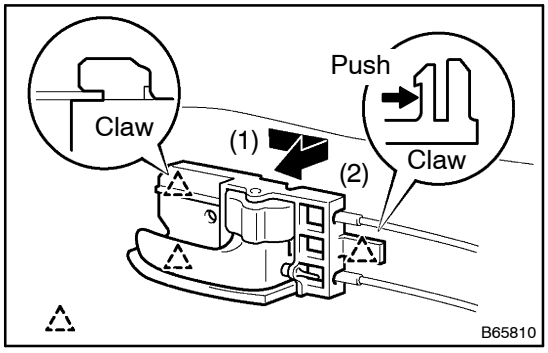
(d) Remove the 7 screws and trim pocket.



9. REMOVE BACK DOOR STOPPER LOWER

(a) Remove the packing.

(b) Using a screwdriver, disengage the claw, and remove the stopper lower.



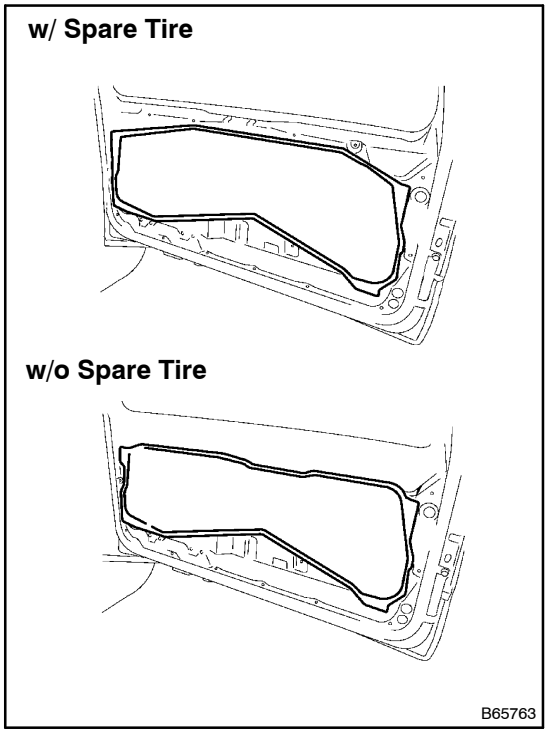
10. REMOVE BACK DOOR INSIDE HANDLE ASSY (w/ SPARE TIRE, w/ INSIDE HANDLE)

(a) Using a screwdriver, disengage the claw, and remove the inside handle assy.

HINT:

Tape the screwdriver tip before use.

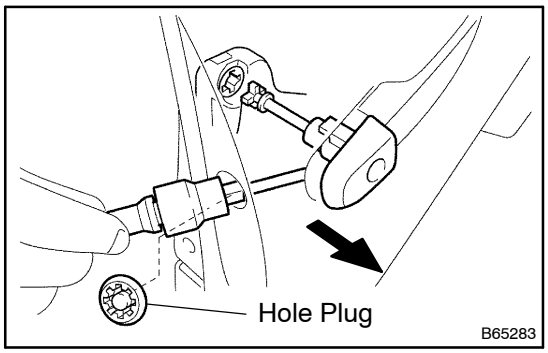
(b) Disconnect the 2 cables from the inside handle assy.



11. REMOVE BACK DOOR SERVICE HOLE COVER

NOTICE:

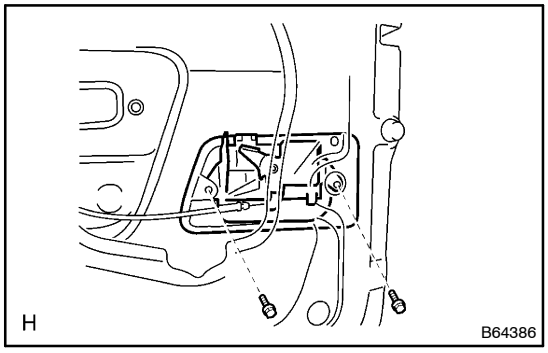
Remove the remaining tape on the door side.



12. REMOVE BACK DOOR OUTSIDE HANDLE COVER (w/ SPARE TIRE)

(a) Remove the hole plug.

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



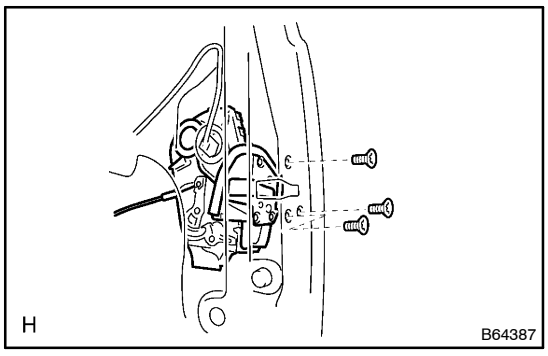
13. REMOVE BACK DOOR OUTSIDE HANDLE (w/o SPARE TIRE)

(a) Remove the 2 bolts and outside handle.

(b) Remove the cable.

HINT:

Remove the outside handle through the service hole.



14. REMOVE W/MOTOR BACK DOOR LOCK ASSY

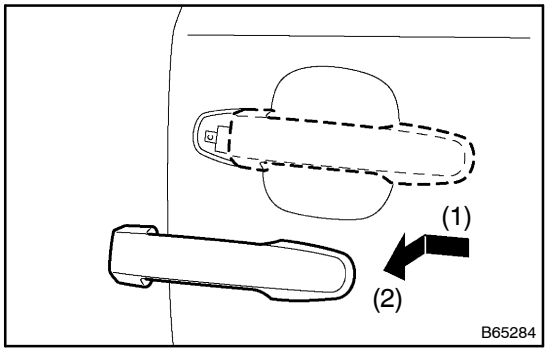
(a) Disconnect the door lock connector.

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

HINT:

Remove the door lock through the service hole.

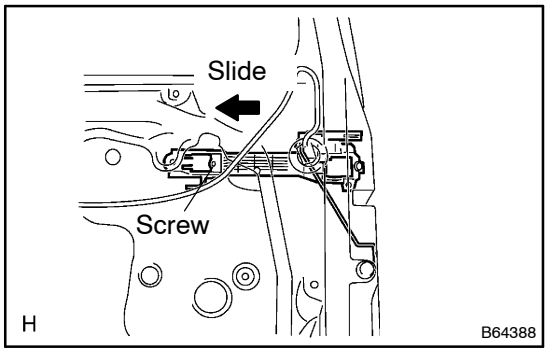
(c) Remove the wire harness packing.



15. REMOVE BACK DOOR OUTSIDE HANDLE (w/ SPARE TIRE)

(a) Pushing and pulling the outside handle in the arrow mark direction shown in the illustration, remove the outside handle.

(b) Remove the 2 outside handle pads.



16. REMOVE BACK DOOR OUTSIDE HANDLE FRAME SUB–ASSY (w/ SPARE TIRE)

(a) Using a Torx socket wrench (T30), loosen the screw.

(b) Slide the outside handle frame to remove it.

HINT:

Remove the outside handle frame through the service hole.

(c) Disengage the clip, and remove the control rod.

17. REMOVE REAR LICENSE PLATE BRACKET STAY LOWER (w/ SPARE TIRE) (See page 76–50)

18. REMOVE LICENSE PLATE LAMP ASSY (w/ SPARE TIRE) (See page 76–50)

19. REMOVE LICENSE REAR LAMP COVER (w/o SPARE TIRE) (See page 76–50)

20. REMOVE BACK DOOR GARNISH SUB–ASSY OUTSIDE (w/o SPARE TIRE) (See page 76–50)

21. REMOVE REAR WIPER MOTOR ASSY (See page 66–14)

22. REMOVE BACK DOOR LINK SUB–ASSY LOWER

(a) Remove the top set bolt cap B.

(b) Remove the bolt and back door link sub–assy.

23. REMOVE BACK DOOR STAY RAIL SUB–ASSY RH

(a) Remove the 2 bolts and stay rail sub–assy.

24. REMOVE REAR BUMPER COVER (See page 76–5)

25. REMOVE BACK DOOR STAY BRACKET SUB–ASSY RH

(a) Remove the 2 bolts and stay bracket.

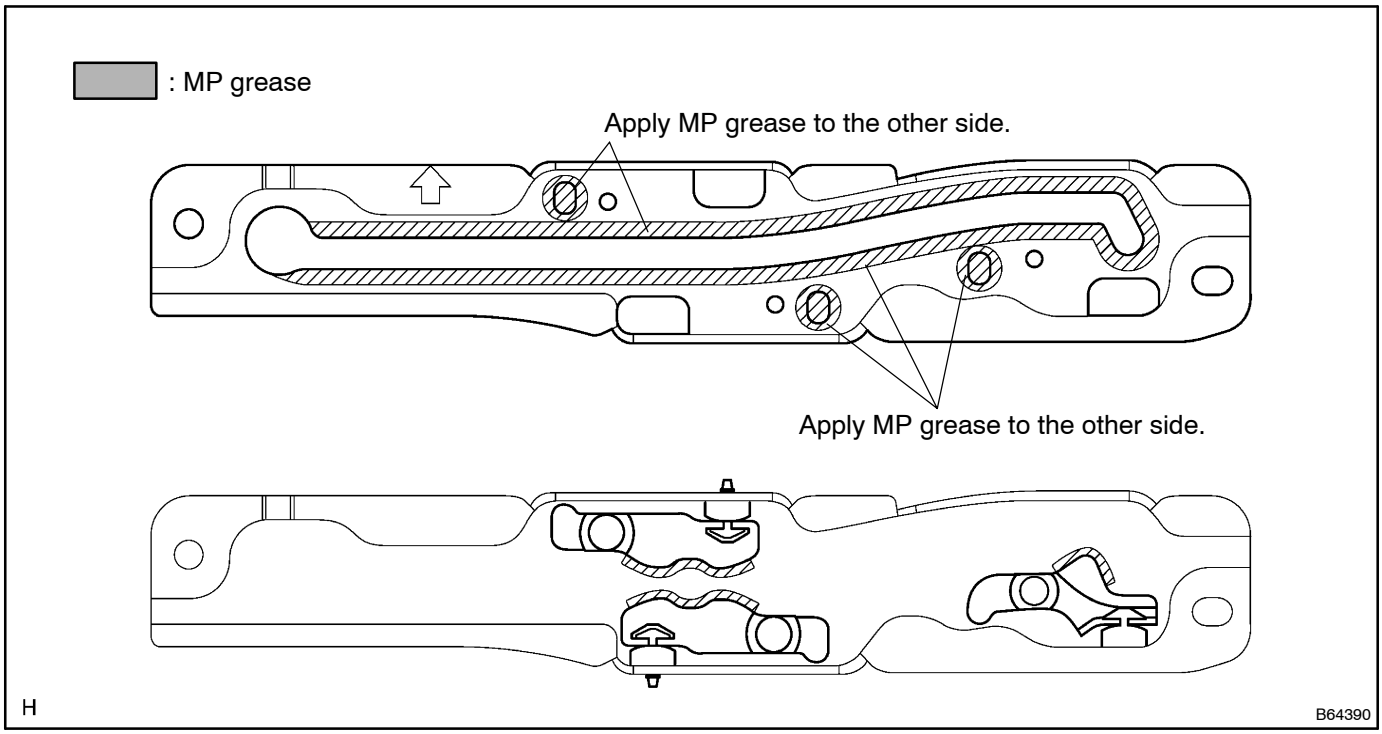
26. INSTALL BACK DOOR STAY BRACKET SUB–ASSY RH

(a) Install the back door stay bracket with the 2 bolts

Torque: 18 N·m (184 kgf·cm, 13 ft·lbf)

27. INSTALL BACK DOOR STAY RAIL SUB–ASSY RH

(a) Apply MP grease to the sliding parts of the stay rail sub–assy, as shown in the illustration.



(b) Install the stay rail sub–assy with the 2 bolts.
Torque: 18 N·m (184 kgf·cm, 13 ft·lbf)

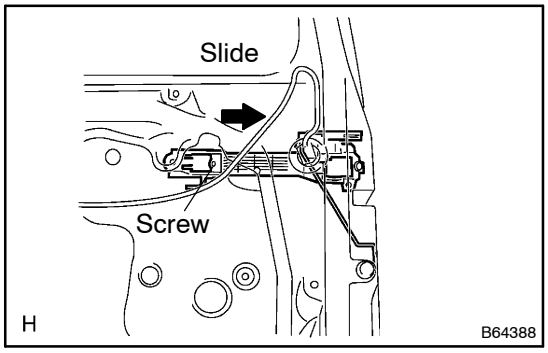
(c) Install the top set bolt cap B.

28. INSTALL BACK DOOR LINK SUB–ASSY LOWER

(a) Install the link sub–assy with the bolts.
Torque: 18 N·m (184 kgf·cm, 13 ft·lbf)

29. INSTALL BACK DOOR SIDE FEMALE STOPPER SUB–ASSY RH

(a) Install the female stopper with the 2 bolts
Torque: 7.0 N·m (71 kgf·cm, 62 in.·lbf)

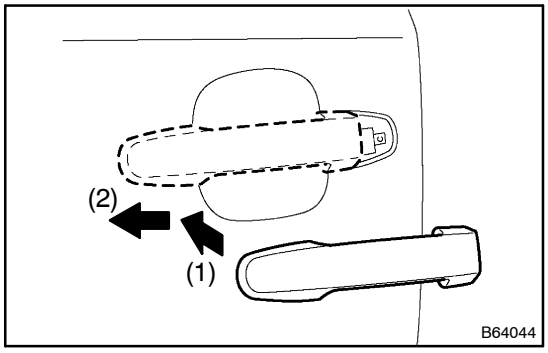


30. INSTALL BACK DOOR OUTSIDE HANDLE FRAME SUB–ASSY (w/ SPARE TIRE)

(a) Install the control rod.

(b) 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)

(c) Install the 2 front door outside handle pads.



31. INSTALL BACK DOOR OUTSIDE HANDLE (w/ SPARE TIRE)

(a) Pushing the outside handle in the arrow mark direction as shown in the illustration, install the outside handle.

NOTICE:

If the release plate is not pulled and held when installing the outside handle, then the release plate will interfere with the outside handle. It will damage the release plate.

32. INSTALL W/MOTOR BACK DOOR LOCK ASSY

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

(b) Install a new door lock wire harness packing.

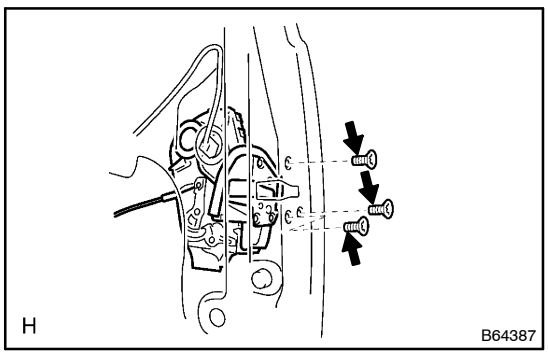
NOTICE:

- **If reusing the door lock that is removed, replace the packing in the connecting part with a new one.**
- **Be careful that no grease and dirt will stick to the packing surface in the connecting part.**
- **Reusing the packing that is removed or using a damaged packing will cause water to penetrate through the connecting part. It will result in a malfunction of the door lock.**

(c) Insert the outside handle link into the door lock, and then set it to the door panel.

NOTICE:

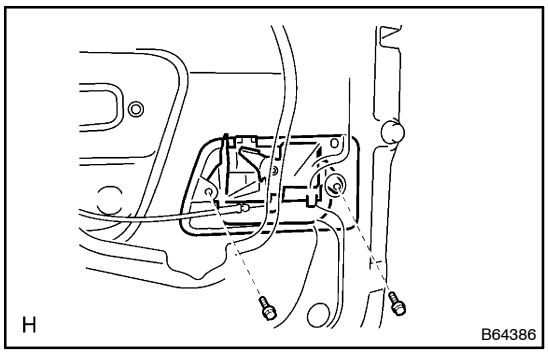
Make sure that the outside handle link is securely engaged with the lock assembly.



(d) Apply adhesive to the 3 screws.
Adhesive:
Part No. 08833–00070, THREE BOND 1324 or equivalent

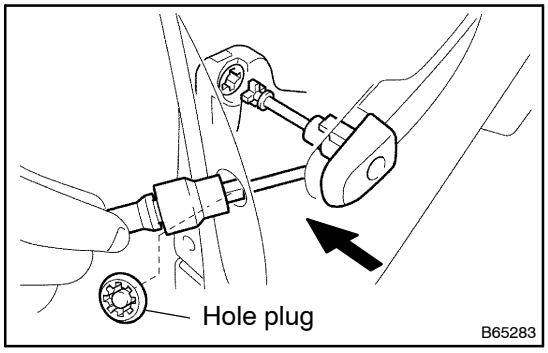
(e) Using a torx socket wrench (T30), install the door lock with the 3 screws.
Torque: 5.0 N·m (51 kgf·cm, 42 in.·lbf)

(f) Connect the door lock connector.



33. INSTALL BACK DOOR OUTSIDE HANDLE (w/o SPARE TIRE)

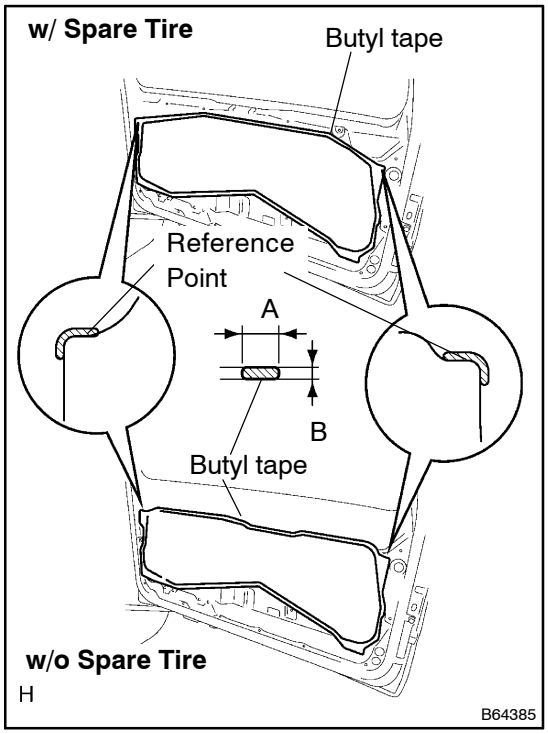
(a) Install the handle with the 2 bolts.
Torque: 5.0 N·m (51 kgf·cm, 42 in.·lbf)



34. INSTALL BACK DOOR OUTSIDE HANDLE COVER (w/ SPARE TIRE)

(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.



35. INSTALL BACK DOOR SERVICE HOLE COVER

(a) Apply butyl tape to the door, as shown in the illustration.
Adhesive:
Part No. 08850–00065, Butyl Tape Set or equivalent

(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.

Dimension:

A	6.0 mm (0.236 in.)
B	2.0 mm (0.079 in.)

(c) Install the 2 tool box brackets with the 4 bolts.
Torque: 8.0 N·m (81 kgf·cm, 71 in.·lbf)

36. INSTALL SPARE WHEEL CARRIER BRACKET SUB–ASSY (w/ SPARE TIRE)

(a) Install the carrier bracket sub–assy with the 4 bolts.
Torque: 48 N·m (490 kgf·cm, 35 ft·lbf)