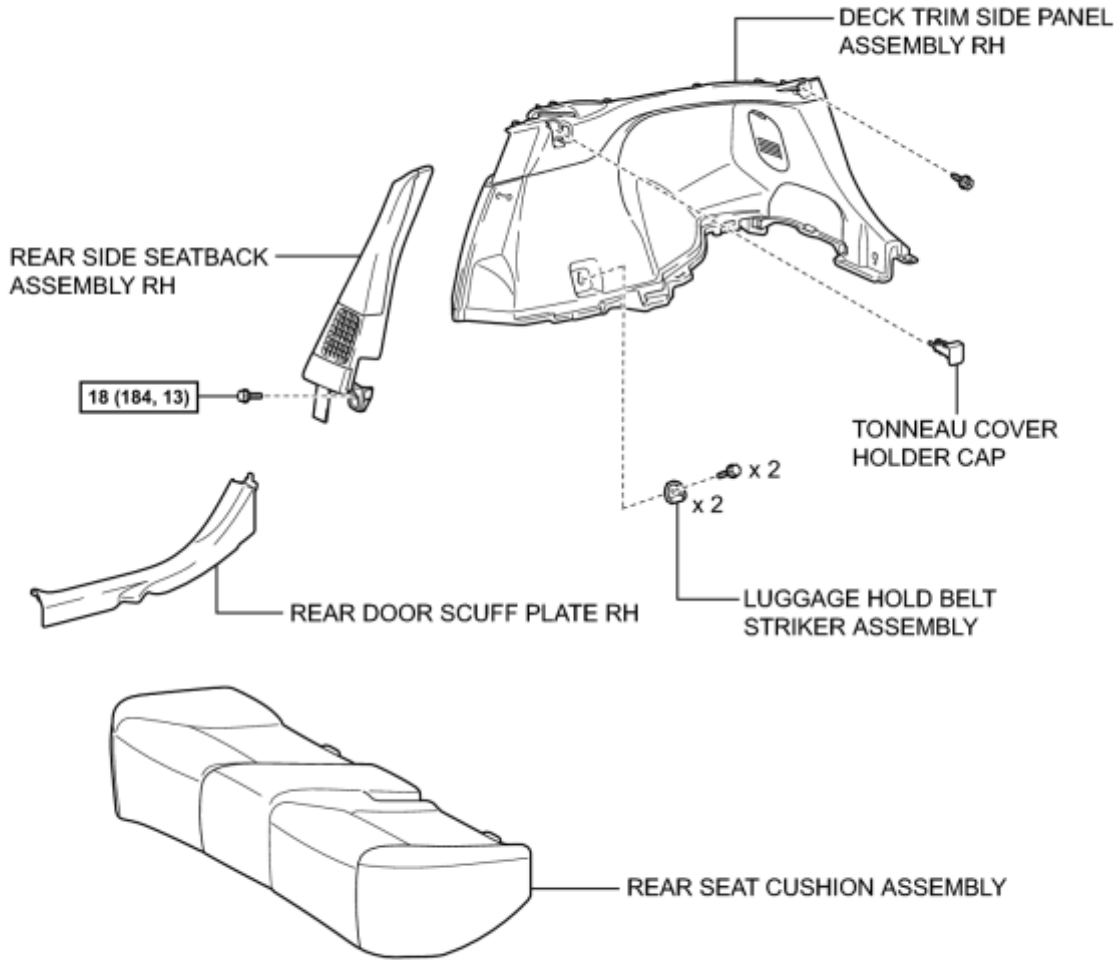


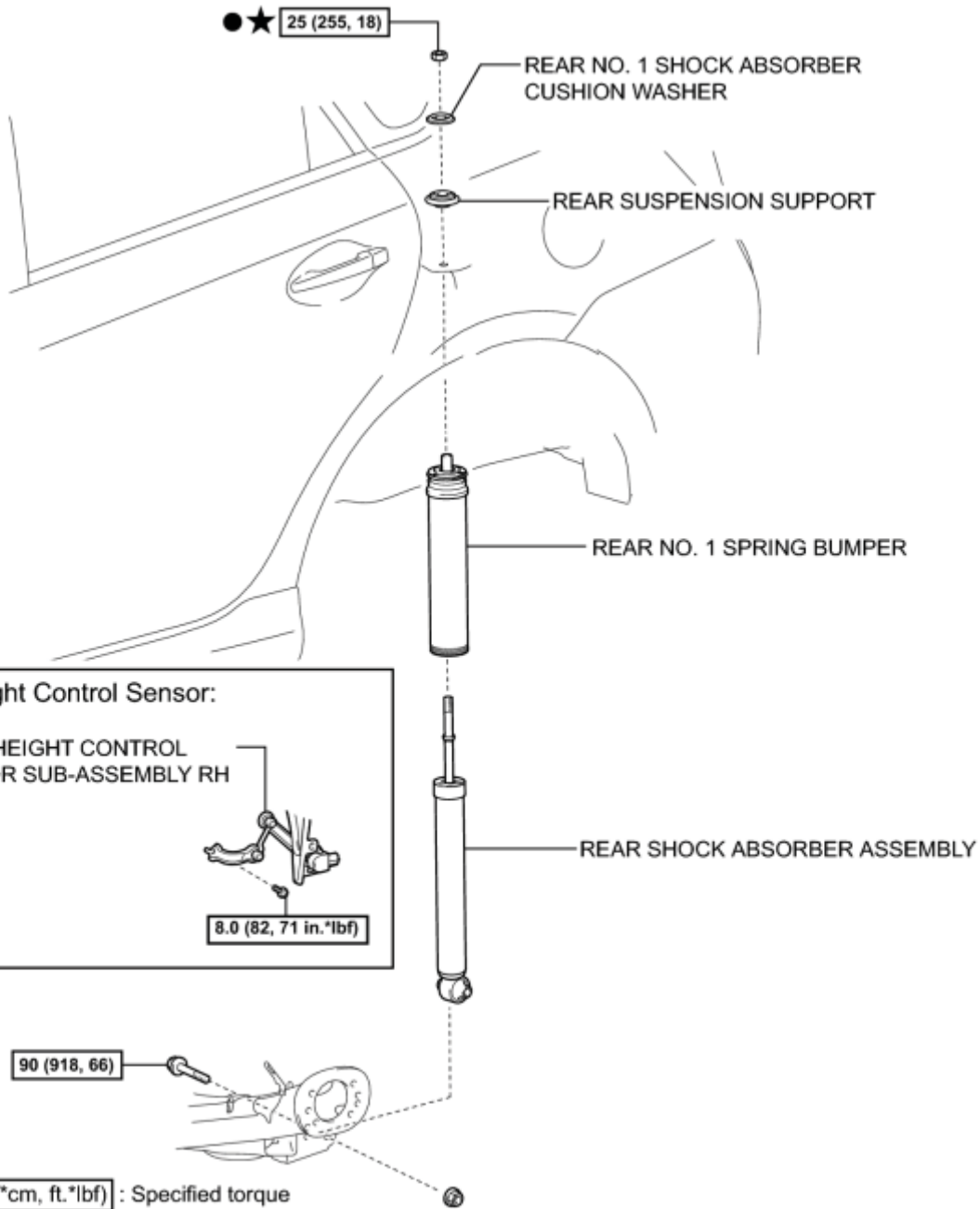
for RH Side:



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

c

ILLUSTRATION



● Non-reusable part

★ Precoated part

c

REMOVAL

HINT:

- Use the same procedure for the RH side and LH side.
- The procedure listed below is for the LH side.

1. REMOVE TONNEAU COVER ASSEMBLY (w/ Tonneau Cover) INFO
2. REMOVE REAR NO. 2 FLOOR BOARD (for Separate Type) INFO
3. REMOVE REAR DECK FLOOR BOX INFO
4. REMOVE REAR NO. 4 FLOOR BOARD (for LH Side) INFO
5. REMOVE DECK FLOOR BOX LH (for LH Side) INFO
6. REMOVE REAR NO. 3 FLOOR BOARD (for RH Side) INFO
7. REMOVE REAR NO. 1 FLOOR BOARD SUB-ASSEMBLY INFO
8. REMOVE REAR NO. 2 FLOOR BOARD SUB-ASSEMBLY INFO
9. REMOVE REAR NO. 1 FLOOR BOARD INFO
10. REMOVE DECK TRIM SERVICE HOLE COVER INFO
11. REMOVE REAR DECK TRIM COVER INFO
12. REMOVE REAR DOOR SCUFF PLATE LH (for LH Side) INFO
13. REMOVE REAR DOOR SCUFF PLATE RH (for RH Side) INFO
14. REMOVE REAR SEAT CUSHION ASSEMBLY INFO
15. REMOVE REAR SIDE SEATBACK ASSEMBLY LH (for LH Side) INFO
16. REMOVE LUGGAGE HOLD BELT STRIKER ASSEMBLY (for LH Side) INFO
17. REMOVE TONNEAU COVER HOLDER CAP (for LH Side) INFO
18. REMOVE DECK TRIM SIDE PANEL ASSEMBLY LH (for LH Side) INFO
19. REMOVE REAR SIDE SEATBACK ASSEMBLY RH (for RH Side) INFO
20. REMOVE LUGGAGE HOLD BELT STRIKER ASSEMBLY (for RH Side) INFO
21. REMOVE TONNEAU COVER HOLDER CAP (for RH Side) INFO

22. REMOVE DECK TRIM SIDE PANEL ASSEMBLY RH (for RH Side) INFO

23. REMOVE REAR WHEEL

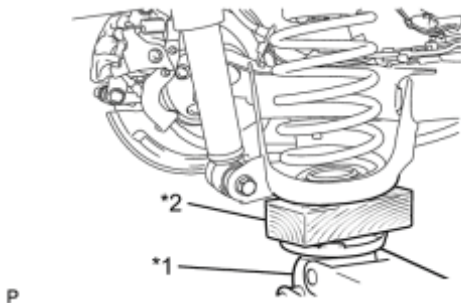
24. SEPARATE REAR HEIGHT CONTROL SENSOR SUB-ASSEMBLY RH (w/ Height Control Sensor) INFO

25. REMOVE REAR NO. 1 SHOCK ABSORBER CUSHION WASHER

(a) Support the spring seat of the rear axle beam assembly using a jack and wooden block.

Text in Illustration

*1	Jack
*2	Wooden Block



CAUTION:

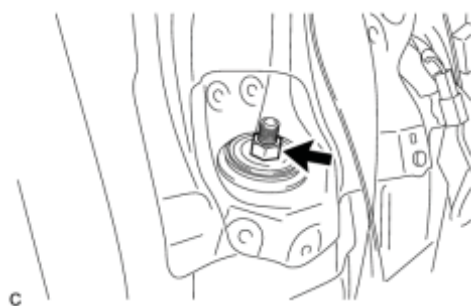
Do not jack up the rear axle beam assembly too high as the vehicle may fall.

NOTICE:

Keep supporting the rear axle beam assembly with a jack until the installation of the rear shock absorber assembly has been completed.

HINT:

Support the rear shock absorber at a position where it compresses by approximately 20 to 30 mm (0.787 to 1.18 in.).



(b) Using a hexagon socket wrench, secure the rear shock absorber rod and remove the lock nut.

NOTICE:

Securely insert the hexagon socket wrench to the rear shock absorber rod to prevent damage to the rear shock absorber assembly when removing the nut.

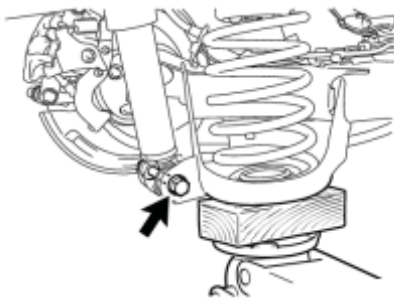
(c) Remove the rear No. 1 shock absorber cushion washer.



26. REMOVE REAR SUSPENSION SUPPORT

(a) Remove the rear suspension support.

27. REMOVE REAR SHOCK ABSORBER ASSEMBLY

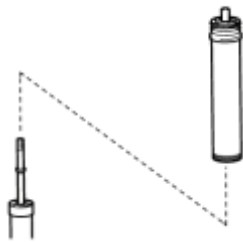


(a) Remove the bolt while holding the nut and remove the rear shock absorber assembly.

NOTICE:

Since the stopper nut is used, turn the bolt.

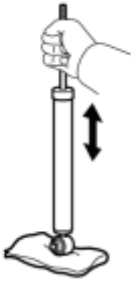
28. REMOVE REAR NO. 1 SPRING BUMPER



(a) Remove the rear No. 1 spring bumper from the rear shock absorber assembly.

INSPECTION

1. INSPECT REAR SHOCK ABSORBER ASSEMBLY



(a) Compress and extend the rear shock absorber rod, and check that there is no abnormal resistance or unusual sound during operation.

If there is any abnormality, replace the shock absorber with a new one.

NOTICE:

When disposing of the rear shock absorber assembly, see DISPOSAL

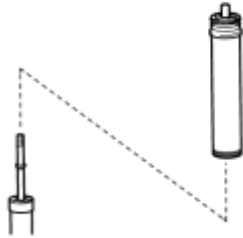
INFO

INSTALLATION

HINT:

- Use the same procedure for the RH side and LH side.
- The procedure listed below is for the LH side.

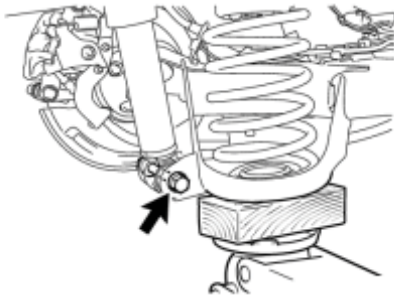
1. INSTALL REAR NO. 1 SPRING BUMPER



(a) Install the rear No. 1 spring bumper to the rear shock absorber assembly.

2. TEMPORARILY TIGHTEN REAR SHOCK ABSORBER ASSEMBLY

(a) Insert the upper end of the rear shock absorber assembly with the rear No. 1 spring bumper to the vehicle body.



(b) Temporarily tighten the rear shock absorber assembly to the rear axle beam assembly with the bolt and nut.

NOTICE:

Since the stopper nut is used, turn the bolt.

HINT:

Insert the bolt with the threaded end facing the outside of the vehicle.

3. INSTALL REAR SUSPENSION SUPPORT

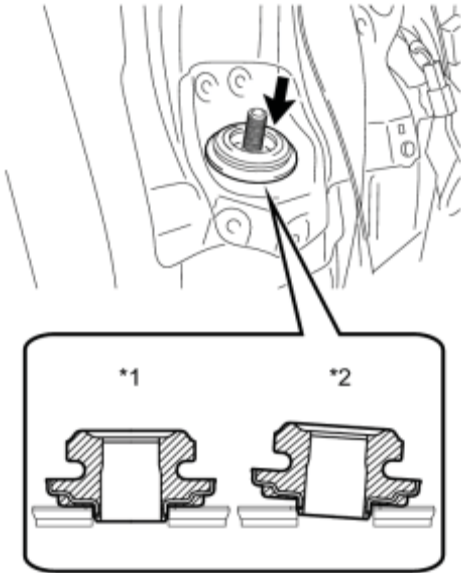
(a) Install the rear suspension support.

Text in Illustration

*1	Correct
*2	Incorrect

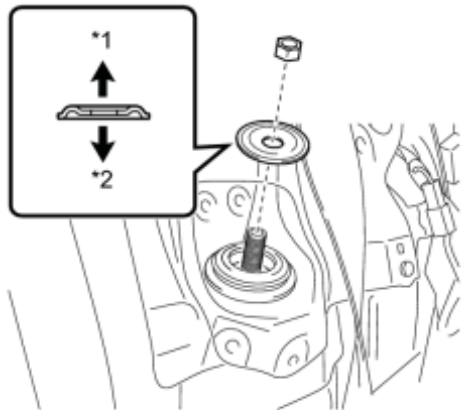
NOTICE:

Make sure that the rear suspension support is correctly installed as shown in the illustration.



c

4. INSTALL REAR NO. 1 SHOCK ABSORBER CUSHION WASHER



c

(a) Apply a few drops of adhesive to the threads of a new nut.

Text in Illustration

*1	Upper Side
*2	Lower Side

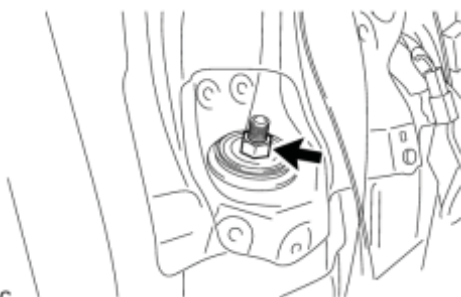
Adhesive:

Toyota genuine adhesive 1324, three bond 1324 or equivalent

(b) Install the rear No. 1 shock absorber cushion washer.

NOTICE:

Be sure to install the rear No. 1 shock absorber cushion washer in the correct direction.



c

(c) Using a union nut wrench, fully tighten the lock nut while holding the rod of the rear shock absorber assembly with a hexagon socket wrench.

Torque: 25 N·m (255 kgf·cm, 18ft·lbf)

- Securely insert the hexagon socket wrench to the rear shock absorber rod to prevent damage to the rear shock absorber assembly when tightening the nut.
- Use the formula to calculate special torque values for situations

where the union nut wrench is combined with a torque wrench

[INFO](#)

5. INSTALL REAR HEIGHT CONTROL SENSOR SUB-ASSEMBLY RH (w/ Height Control Sensor) [INFO](#)
6. INSTALL DECK TRIM SIDE PANEL ASSEMBLY LH (for LH Side) [INFO](#)
7. INSTALL TONNEAU COVER HOLDER CAP (for LH Side) [INFO](#)
8. INSTALL LUGGAGE HOLD BELT STRIKER ASSEMBLY (for LH Side) [INFO](#)
9. INSTALL REAR SIDE SEATBACK ASSEMBLY LH (for LH Side) [INFO](#)
10. INSTALL DECK TRIM SIDE PANEL ASSEMBLY RH (for RH Side) [INFO](#)
11. INSTALL TONNEAU COVER HOLDER CAP (for RH Side) [INFO](#)
12. INSTALL LUGGAGE HOLD BELT STRIKER ASSEMBLY (for RH Side) [INFO](#)
13. INSTALL REAR SIDE SEATBACK ASSEMBLY RH (for RH Side) [INFO](#)
14. INSTALL REAR SEAT CUSHION ASSEMBLY [INFO](#)
15. INSTALL REAR DOOR SCUFF PLATE LH (for LH Side) [INFO](#)
16. INSTALL REAR DOOR SCUFF PLATE RH (for RH Side) [INFO](#)
17. INSTALL REAR DECK TRIM COVER [INFO](#)
18. INSTALL DECK TRIM SERVICE HOLE COVER [INFO](#)
19. INSTALL REAR NO. 1 FLOOR BOARD [INFO](#)
20. INSTALL REAR NO. 2 FLOOR BOARD SUB-ASSEMBLY [INFO](#)
21. INSTALL REAR NO. 1 FLOOR BOARD SUB-ASSEMBLY [INFO](#)
22. INSTALL DECK FLOOR BOX LH (for LH Side) [INFO](#)
23. INSTALL REAR NO. 4 FLOOR BOARD (for LH Side) [INFO](#)
24. INSTALL REAR NO. 3 FLOOR BOARD (for RH Side) [INFO](#)
25. INSTALL REAR DECK FLOOR BOX [INFO](#)
26. INSTALL REAR NO. 2 FLOOR BOARD (for Separate Type) [INFO](#)
27. INSTALL TONNEAU COVER ASSEMBLY (w/ Tonneau Cover) [INFO](#)

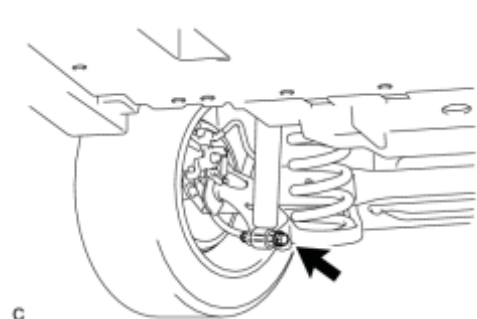
28. INSTALL REAR WHEEL

Torque: **103 N·m (1050 kgf·cm, 76ft·lbf)**

29. STABILIZE SUSPENSION

- (a) Lower the vehicle.
- (b) Bounce the vehicle up and down several times to stabilize the suspension.

30. FULLY TIGHTEN REAR SHOCK ABSORBER ASSEMBLY



- (a) Fully tighten the bolt.

Torque: **90 N·m (918 kgf·cm, 66ft·lbf)**

- Since the stopper nut is used, turn the bolt.
- The final torque must be applied under the standard vehicle height conditions.

31. PERFORM INITIALIZATION (w/ Height Control Sensor)

NOTICE:

Some systems need to be initialized after the rear height control sensor sub-assembly RH is replaced INFO.