REAR SUSPENSION REAR LEAF SPRING INSTALLATION

CAUTION / NOTICE / HINT

HINT:

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

PROCEDURE

1.INSTALL REAR SPRING BUMPER SUB-ASSEMBLY

48306

a. Install the bumper with the 2 bolts.

Torque:

29 N*m (296 kgf*cm, 21 ft.*lbf)

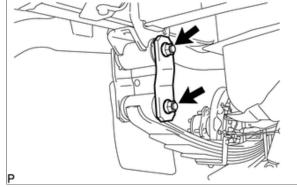
2.INSTALL REAR SPRING SHACKLE BUSH

48210Q

- **a.** Install the 4 bushes to the spring and chassis frame.
 - **■** 3.TEMPORARILY INSTALL REAR SPRING ASSEMBLY LH

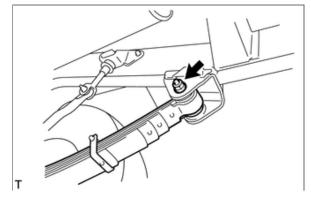
48220

a.



Temporarily install the spring to the rear side with the shackle pin, shackle plate, 2 washers and 2 new nuts.





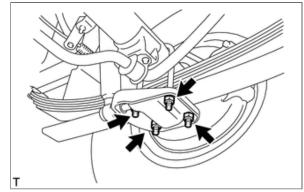
Temporarily install the spring to the front side with the hanger pin, washer and a new nut.

4.INSTALL REAR DISTANCE PLATE (w/ Distance Plate)

48475R

a. Install the distance plate.





Temporarily install the U bolt seat and 2 U bolts with the 4 washers and 4 new nuts.

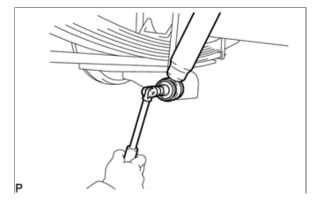
NOTICE:

Install the U bolts so that the lengths of the 4 ends under the U bolt seat are the same.

6.TEMPORARILY INSTALL REAR SHOCK ABSORBER ASSEMBLY LH

48540

a.



Temporarily install the lower mounting bolt, rear No. 1 shock absorber cushion washer and 2 bushing and rear shock absorber assembly LH to the spring U bolt seat sub-assembly LH.

7.INSTALL REAR WHEEL

Click hereSuspension>TIRE / WHEEL>TIRE AND WHEEL>INSTALLATION

8.STABILIZE SUSPENSION

- a. Remove the safety stands.
- b. Lower the vehicle.
- **c.** Bounce the vehicle up and down several times to stabilize the suspension.

9.TIGHTEN REAR SPRING ASSEMBLY LH

48220

a. Tighten the 3 nuts.

Torque:

```
for front side : 79 N*m (806 kgf*cm, 58 ft.*lbf)
for rear side (Short, Semi Long) : 46 N*m (469 kgf*cm, 34 ft.*lbf)
for rear side (Long, Super Long) : 79 N*m (806 kgf*cm, 58 ft.*lbf)
```

b. Install the lock bolt.

Torque: 24 N*m (245 kgf*cm, 18 ft.*lbf)

■ 10.TIGHTEN REAR SPRING U BOLT

48046A

a. Tighten the 4 nuts.

Torque: 80 N*m (816 kgf*cm, 59 ft.*lbf)

NOTICE

Install the U bolts so that the lengths of the 4 ends under the U-bolt seat are the same.

■ 11.TIGHTEN REAR SHOCK ABSORBER ASSEMBLY LH

48540

a. Tighten the bolt.

Torque: 64 N*m (653 kgf*cm, 47 ft.*lbf)

© 2012 TOYOTA MOTOR CORPORATION. All Rights Reserved.