

PROCEDURE

1.INSTALL BUSHING

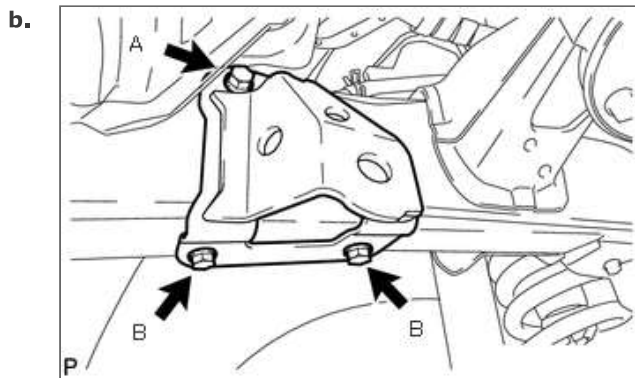
- a. Install 2 new bushings and the 2 collars to the front stabilizer bar.

2.INSTALL FRONT NO. 1 STABILIZER BRACKET LH

48829A

- a. except 1GR-FE:
i. Install the front No. 1 stabilizer bracket to the chassis frame with the 4 bolts.

Torque:
25 N*m (255 kgf*cm, 18 ft.*lbf)



for 1GR-FE:

- i. Install the stabilizer bracket to the chassis frame with the 3 bolts.

Torque:
Bolt A : 53 N*m (540 kgf*cm, 39 ft.*lbf)
Bolt B : 25 N*m (255 kgf*cm, 18 ft.*lbf)

NOTICE:
Tighten the bolt A first.

3.INSTALL FRONT NO. 1 STABILIZER BRACKET RH

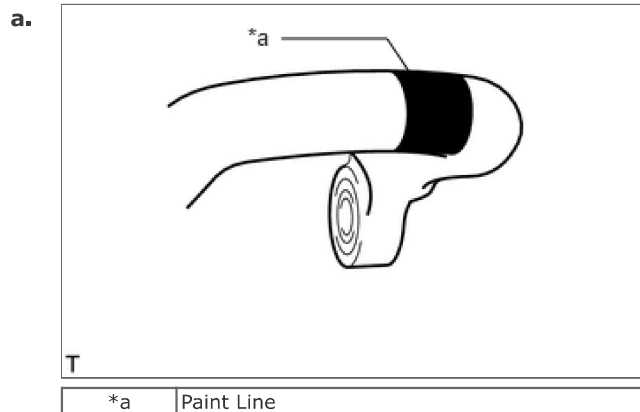
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HINT:

Use the same procedure described for the LH side.

4.INSTALL FRONT NO. 1 STABILIZER BAR BUSHING

48815



except 1GR-FE:

i. Install the front No. 1 stabilizer bar bushing over the paint line on the front stabilizer bar.

ii. Install the 2 front No. 1 stabilizer bar bushings to the front stabilizer bar.

b. for 1GR-FE:

i. Install the 2 front No. 1 stabilizer bar bushings to the front stabilizer bar.

5.TEMPORARILY INSTALL FRONT STABILIZER LINK SUB-ASSEMBLY LH

48802F

a. Temporarily install the front stabilizer link sub-assembly to the front No. 1 stabilizer bracket with the nut and washer.

6.TEMPORARILY INSTALL FRONT STABILIZER LINK SUB-ASSEMBLY RH

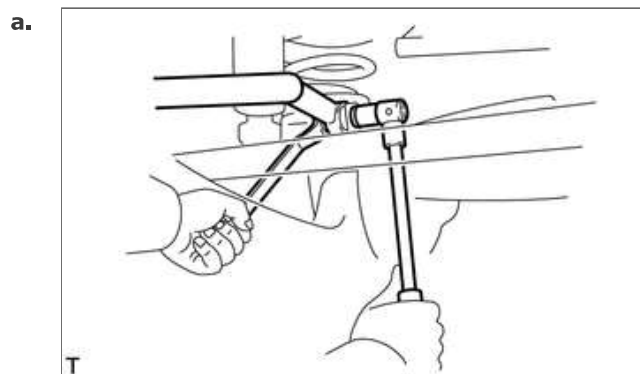
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HINT:

Use the same procedure described for the LH side.

7.TEMPORARILY INSTALL FRONT STABILIZER BAR

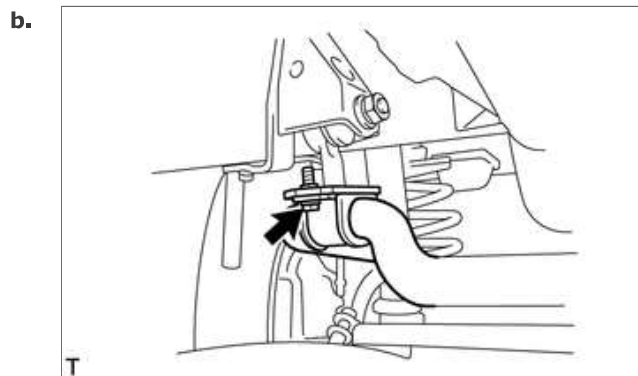
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Temporarily install the front stabilizer bar to the front axle housing assembly with the bolt and a new nut.

HINT:

Use the same procedure described for the other side.



Temporarily install the front stabilizer bar to the front stabilizer links with the 4 bolts.

8.INSTALL FRONT WHEEL

[Click here](#)Suspension>TIRE / WHEEL>TIRE AND WHEEL>INSTALLATION

9.STABILIZE SUSPENSION

[Click here](#)Suspension>FRONT SUSPENSION>FRONT COIL SPRING>INSTALLATION

10.TIGHTEN FRONT STABILIZER LINK SUB-ASSEMBLY LH

48802F

- a. Tighten the front stabilizer link sub-assembly to the front No. 1 stabilizer bracket with the nut.

Torque:

117 N*m (1193 kgf*cm, 86 ft.*lbf)

11.TIGHTEN FRONT STABILIZER LINK SUB-ASSEMBLY RH

48802F

HINT:

Use the same procedure described for the LH side.

12.TIGHTEN FRONT STABILIZER BAR

48811

- a. Tighten the front stabilizer bar to the front axle housing assembly with the bolt and a new nut.

Torque:

52 N*m (530 kgf*cm, 38 ft.*lbf)

HINT:

Use the same procedure described for the other side.

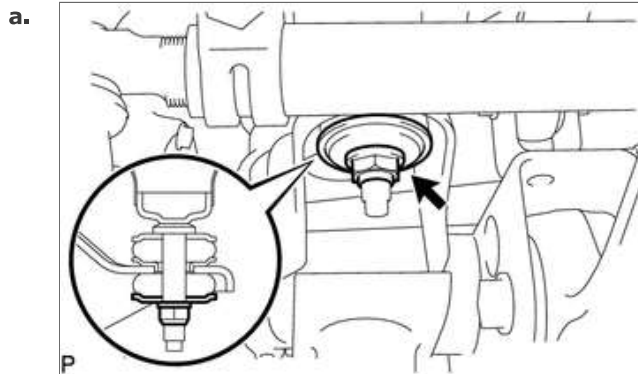
- b. Tighten the front stabilizer bar to the front stabilizer links with the 4 bolts.

Torque:

29.7 N*m (303 kgf*cm, 22 ft.*lbf)

13.CONNECT FRONT SHOCK ABSORBER ASSEMBLY LH (for 1GR-FE)

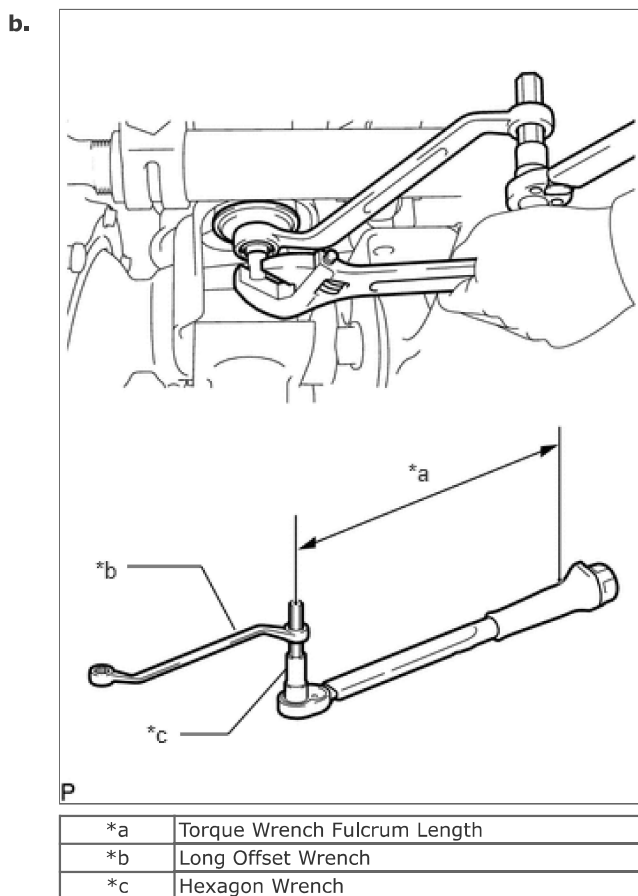
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Install the front No. 2 shock absorber cushion retainer and front shock absorber assembly LH with a new nut.

HINT:

Install the front No. 2 shock absorber cushion retainer in the direction shown in the illustration.



Secure the width across flats of the front shock absorber assembly LH and using a 14 mm hexagon wrench and 14 mm x 17 mm long offset wrench, install the front shock absorber assembly LH with a new nut.

Torque:

Specified tightening torque : 68.6 N*m (700 kgf*cm, 51 ft.*lbf)

HINT:

- Calculate the torque wrench reading when changing the fulcrum length of the torque wrench.
[Click here](#)General>INTRODUCTION>REPAIR INSTRUCTION>PRECAUTION



14.CONNECT FRONT SHOCK ABSORBER ASSEMBLY RH (for 1GR-FE)

48510

HINT:

Use the same procedure described for the LH side.



15.INSTALL WIRE HARNESS CLAMP (w/ Differential Lock)

- a.** Install the bolt and connect the wire harness clamp assembly.

Torque:

5.4 N*m (55 kgf*cm, 48 in.*lbf)