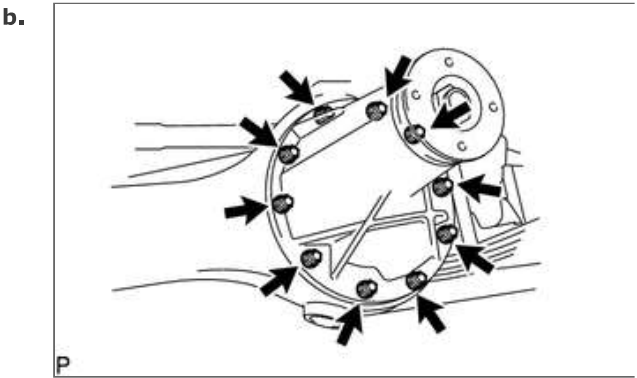


PROCEDURE

1.INSTALL FRONT DIFFERENTIAL CARRIER ASSEMBLY

41110F

a. Install a new gasket.



Install the front differential carrier assembly with the 10 nuts and 10 washers.

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

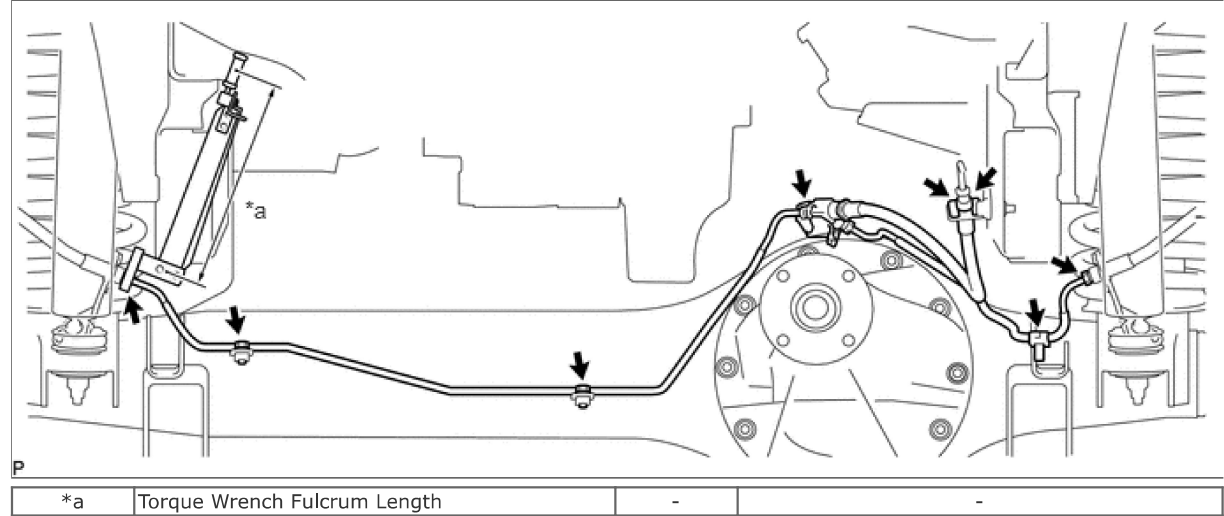
HINT:
Remove any foreign matter (dirt, gasket remains, metal particles, etc.) from the contact surfaces of the housing and differential carrier and install a new gasket.

2.INSTALL FRONT AXLE SHAFT ASSEMBLY

[Click here](#)Drivetrain>AXLE AND DIFFERENTIAL>STEERING KNUCKLE>INSTALLATION

3.INSTALL FRONT BRAKE TUBE (w/o ABS)

a. for 1HZ:



i. Install the brake tube, 3-way joint and brake hose with the 4 bolts.

Torque:
14 N*m (143 kgf*cm, 10 ft.*lbf)

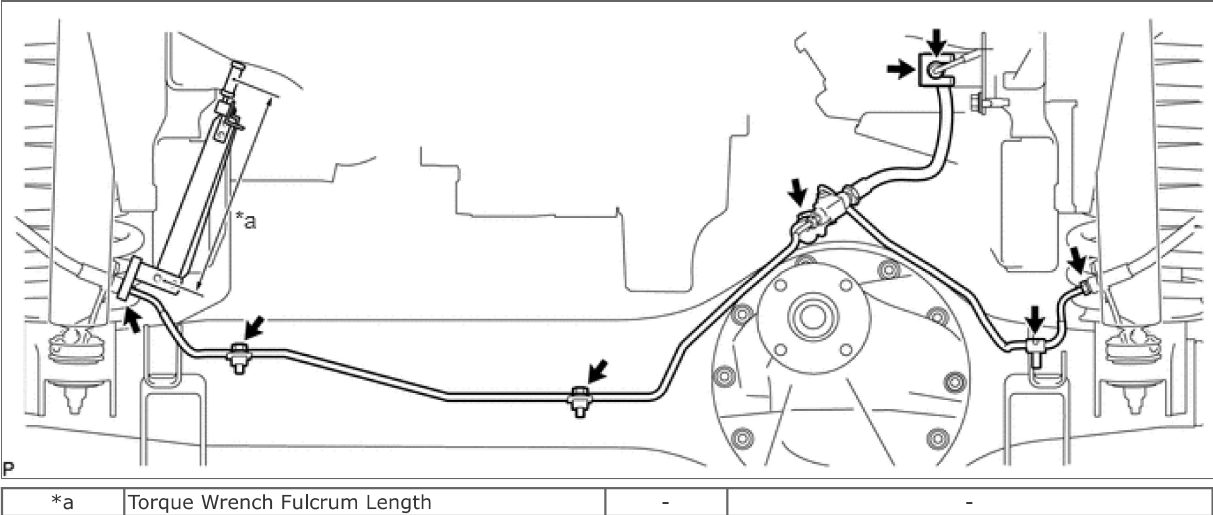
- ii. Using a union nut wrench, connect each brake tube to the flexible hose while holding the flexible hose with a wrench.

Torque:
Specified tightening torque : 15.2 N*m (155 kgf*cm, 11 ft.*lbf)

- HINT:**
- Calculate the torque wrench reading when changing the fulcrum length of the torque wrench.
Click hereGeneral>INTRODUCTION>REPAIR INSTRUCTION>PRECAUTION
 - When using a union nut wrench (fulcrum length of 22 mm (0.8661 in.)) + torque wrench (fulcrum length of 300 mm (11.811 in.)): 14.2 N*m (145 kgf*cm, 10 ft.*lbf)

- iii. Install the brake tube with a new clip.

b. for 1GR-FE:



- i. Install the brake tube, 3-way joint and brake hose with the 4 bolts.

Torque:
14 N*m (143 kgf*cm, 10 ft.*lbf)

- ii. Using a union nut wrench, connect each brake tube to the flexible hose while holding the flexible hose with a wrench.

Torque:
Specified tightening torque : 15.2 N*m (155 kgf*cm, 11 ft.*lbf)

- HINT:**
- Calculate the torque wrench reading when changing the fulcrum length of the torque wrench.
Click hereGeneral>INTRODUCTION>REPAIR INSTRUCTION>PRECAUTION
 - When using a union nut wrench (fulcrum length of 22 mm (0.8661 in.)) + torque wrench (fulcrum length of 300 mm (11.811 in.)): 14.2 N*m (145 kgf*cm, 10 ft.*lbf)

- iii. Install the brake tube with a new clip.

4.INSTALL FRONT BRAKE TUBE (w/ ABS)

a. for 1HZ, 1VD-FTV:



- Torque:**

Bolt A : 14 N*m (143 kgf*cm, 10 ft.*lbf)

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

- Torque:**

Specified tightening torque : 15.2 N*m (155 kgf*cm, 11 ft.*lbf)

- Calculate the torque wrench reading when changing the fulcrum length of the torque wrench.
Click here [General>INTRODUCTION>REPAIR INSTRUCTION>PRECAUTION](#)
- When using a union nut wrench (fulcrum length of 22 mm (0.8661 in.)) + torque wrench (fulcrum length of 300 mm (11.811 in.)): 14.2 N*m (145 kgf*cm, 10 ft.*lbf)

- b.** for 1GR-FE:



- Torque:**

14 N*m (143 kgf*cm, 10 ft.*lbf)

- Torque:**

Specified tightening torque : 15.2 N*m (155 kgf*cm, 11 ft.*lbf)

HINT:

- Calculate the torque wrench reading when changing the fulcrum length of the torque wrench.
Click here [General>INTRODUCTION>REPAIR INSTRUCTION>PRECAUTION](#)
- When using a union nut wrench (fulcrum length of 22 mm (0.8661 in.)) + torque wrench (fulcrum length of 300 mm (11.811 in.)): 14.2 N*m (145 kgf*cm, 10 ft.*lbf)

**5.INSTALL FRONT PROPELLER SHAFT ASSEMBLY****37140**

Click here [Drivetrain>DRIVE SHAFT / PROPELLER SHAFT>FRONT PROPELLER SHAFT ASSEMBLY>INSTALLATION](#)

**6.ADD DIFFERENTIAL OIL**

Click here [Drivetrain>AXLE AND DIFFERENTIAL>DIFFERENTIAL OIL>REPLACEMENT](#)