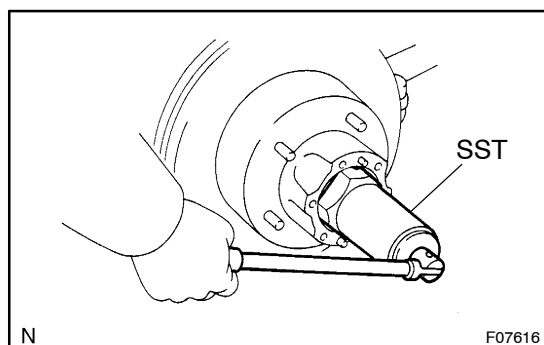


## INSTALLATION

### 1. INSTALL AXLE HUB WITH DISC TO SPINDLE

- Place the axle hub with disc to the spindle.
- Install the outer bearing.



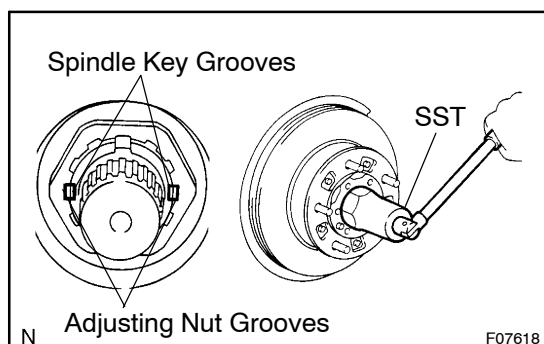
### 2. ADJUST PRELOAD

- Install the adjusting nut and tighten it using SST. SST 09607 –60020

**Torque: 59 N·m (600 kgf·cm, 43 ft·lbf)**

- Turn the hub right and left 2 or 3 times.
- Loosen the nut until it can be turned by hand.
- Using SST, retighten the adjusting nut. SST 09607 –60020

**Torque: 49 N·m (500 kgf·cm, 36 ft·lbf)**

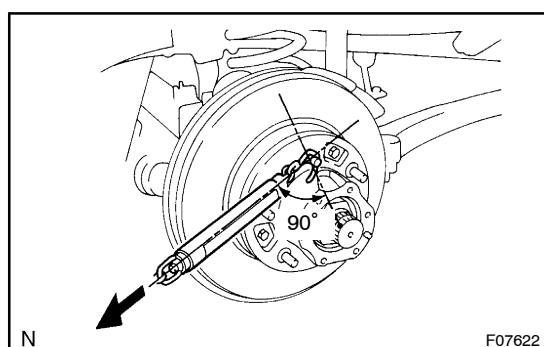


- Tighten the adjusting nut in the tightening direction so that the grooves of the adjusting nut are aligned with on the key grooves before and after spindle.

**Torque: 49 – 79 N·m (500 – 800 kgf·cm, 36 – 58 ft·lbf)**

#### NOTICE:

**Check that the bearing has no play.**



- Using a spring tension gauge, measure the preload.

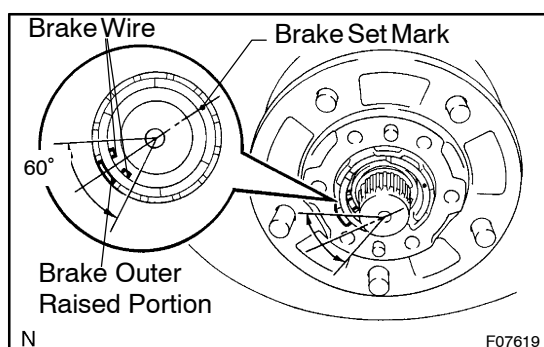
**Preload (at starting):**

**42 – 67 N (4.3 – 6.8 kgf, 9.5 – 15.0 lbf)**

#### HINT:

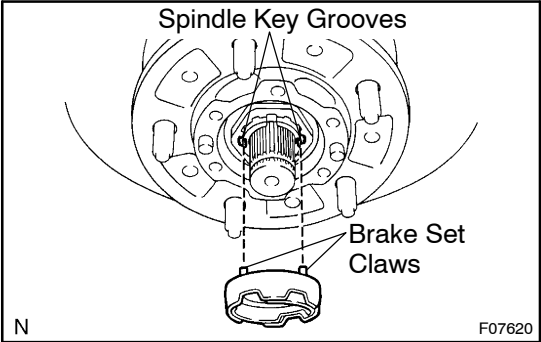
Make sure to check preload in the direction of rotation.

If the preload is not within the specified value, adjust it again with the adjusting nut.

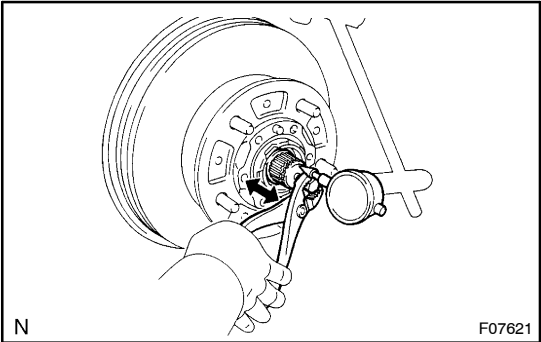


### 3. INSTALL BRAKE SET, SPINDLE WASHER AND SNAP RING TO SPINDLE

- Check that the brake wire is within the range of 60° of the brake outer raised portion on the opposite side to the brake set mark.



- (b) Align the claws of the brake set with the key grooves of the spindle and assemble the brake set.
- (c) Install the spindle washer and using a snap ring expander, install the snap ring.
- (d) Install the bolt to the axle shaft.



- (e) Using a dial indicator, check the backlash near the center of the axle shaft, while pulling the bolt with pliers.

**Maximum: 0.2 mm (0.008 in.) or less**

If the backlash is not within the specified value, replace the snap ring.

**Snap ring thickness:**

1.80 mm (0.0709 in.)	2.40 mm (0.0945 in.)
2.00 mm (0.0787 in.)	2.60 mm (0.1024 in.)
2.20 mm (0.0866 in.)	2.80 mm (0.1102 in.)

- (f) Remove the bolt from the axle shaft.
4. **INSTALL DUAL MODE AUTOMATIC LOCKING HUB**  
(See page SA-11)
  5. **INSTALL BRAKE CALIPER**
    - (a) Install the brake caliper with the 2 bolts and washers to the steering knuckle.  
**Torque: 123 N·m ( 1,250 kgf·cm, 90 ft·lbf)**
    - (b) Connect the flexible hose and install 2 new gaskets and bolt.  
**Torque: 30 N·m (3 10 kgf·cm, 22 ft·lbf)**
  6. **INSTALL FRONT WHEEL**  
**Torque: 209 N·m (2, 131 kgf·cm, 154 ft·lbf)**
  7. **BLEED BRAKE LINE** (See Pub. No. RM6 16E on page BR-5 or BR-10)