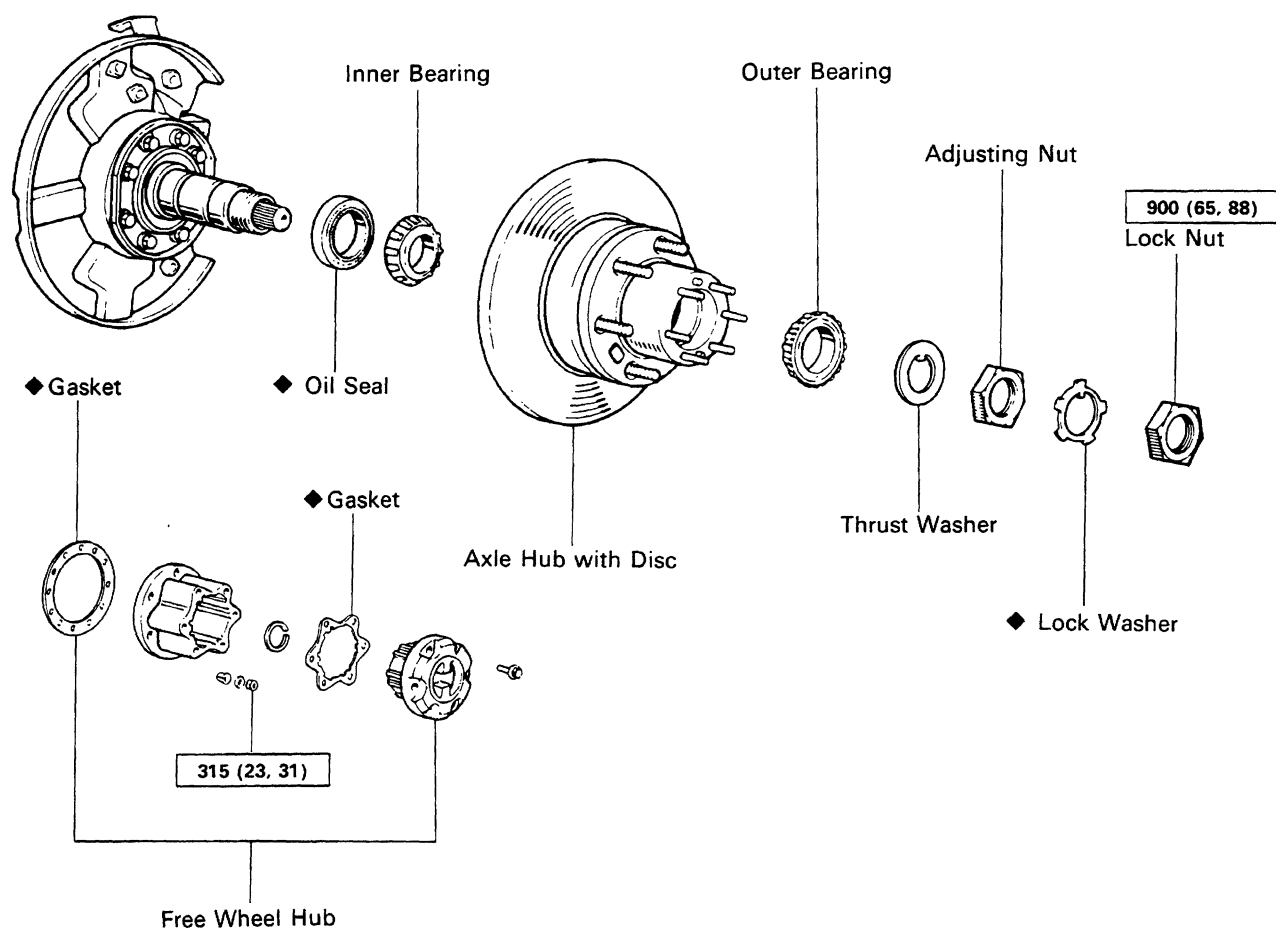
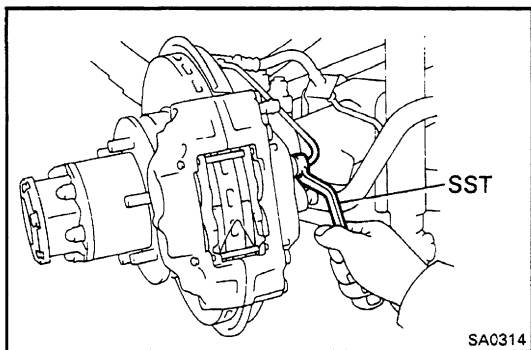


FRONT AXLE HUB COMPONENTS



kg-cm (ft-lb, N·m) : Specified torque

◆ Non-reusable part



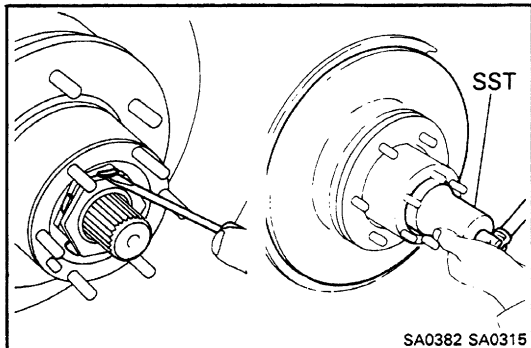
DISASSEMBLY OF FRONT AXLE HUB

1. REMOVE DISC BRAKE CYLINDER

- (a) Using SST, disconnect the brake tube.
SST 09751-36011
- (b) Remove the brake caliper.

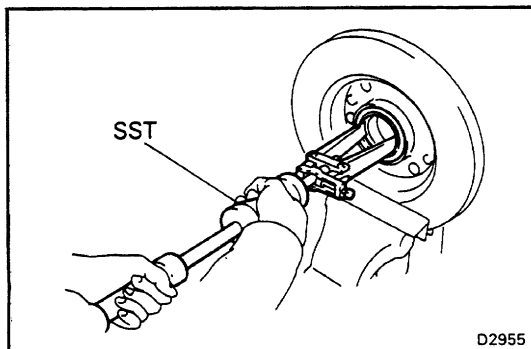
2. REMOVE FREE WHEEL HUB

(See page SA-8)



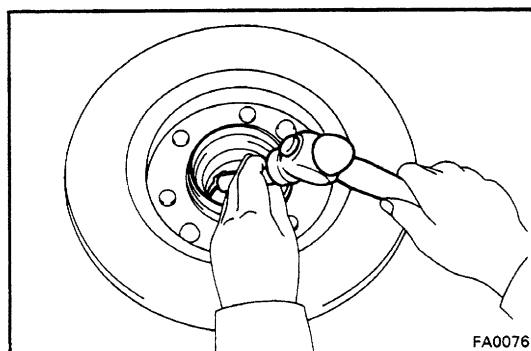
3. REMOVE AXLE HUB WITH DISC

- (a) Using a screwdriver, release the lock washer.
- (b) Using SST, remove the lock nut.
SST 09607-60020
- (c) Remove the lock washer and adjusting nut.
- (d) Remove the axle hub with the disc.



4. REMOVE INNER BEARING AND OIL SEAL

- (a) Using SST, remove the oil seal.
SST 09308-00010
- (b) Remove the inner bearing from the hub.



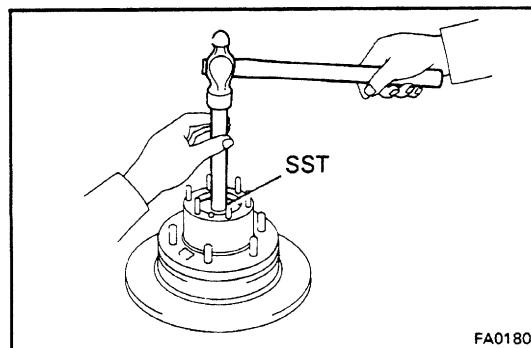
INSPECTION AND REPAIR OF FRONT AXLE HUB

1. INSPECT BEARING

Clean the bearings and outer races and inspect them for wear or damage.

2. REPLACE BEARING OUTER RACE

- (a) Using a brass bar and hammer, drive out the bearing outer race.

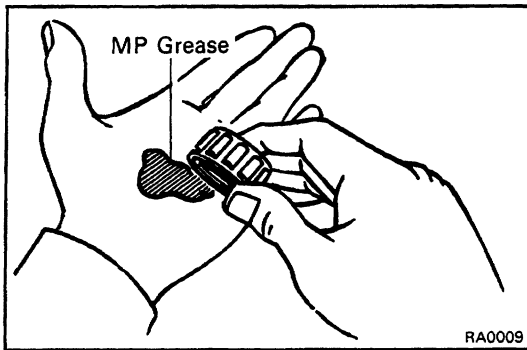


- (b) Using SST, carefully drive in the new bearing outer race.

SST 09608-35014

Inner Bearing (09608-06020, 09608-06210)

Outer Bearing (09608-06020, 09608-06200)

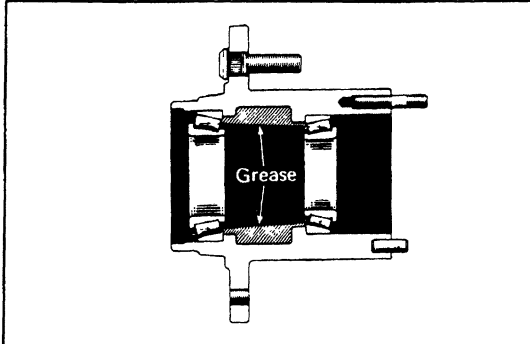


ASSEMBLY OF FRONT AXLE HUB

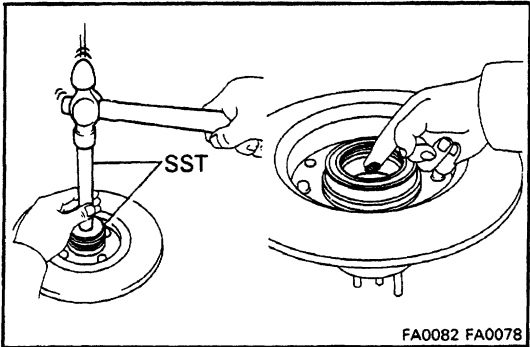
(See page SA-13)

1. PACK BEARINGS WITH MP GREASE

- Place MP grease in the palm of your hand.
- Pack grease into the bearing and continue until the grease oozes out from the other side.
- Do the same around the bearing circumference.



2. COAT INSIDE OF HUB AND CAP WITH MP GREASE

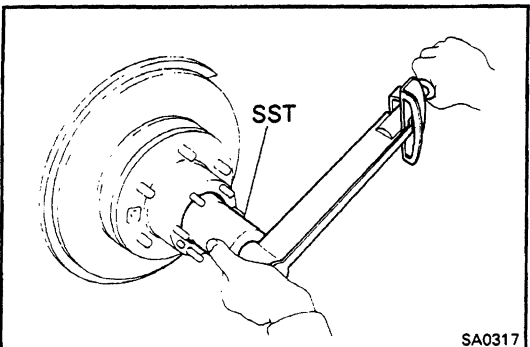


3. INSTALL INNER BEARING AND OIL SEAL

Place inner bearing into the hub. Using SST, drive the oil seal into the hub. Coat the oil seal with MP grease. SST 09608-35014 (09608-06020, 09608-06150)

4. INSTALL AXLE HUB ON SPINDLE

- Place the axle hub on the spindle.
- Install the outer bearing and thrust washer.



5. ADJUST PRELOAD

- Using SST, torque the bearing adjusting nut. SST 09607-60020

Torque: 600 kg-cm (43 ft-lb, 59 N-m)

- Turn the hub right and left two or three times.
- Using SST, retorque the bearing adjusting nut. SST 09607-60020

Torque: 600 kg-cm (43 ft-lb, 59 N-m)

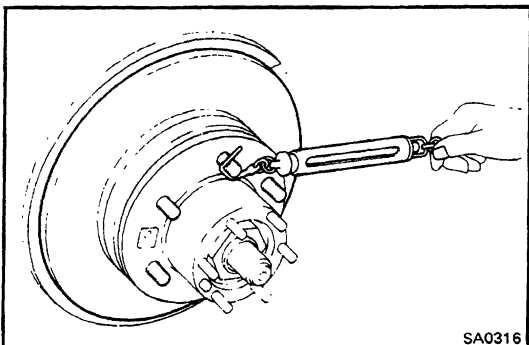
- Loosen the nut until it can be turned by hand.
- Using a spring tension gauge, measure the frictional force of the oil seal at the hub bolt.
- Retorque the adjusting nut.

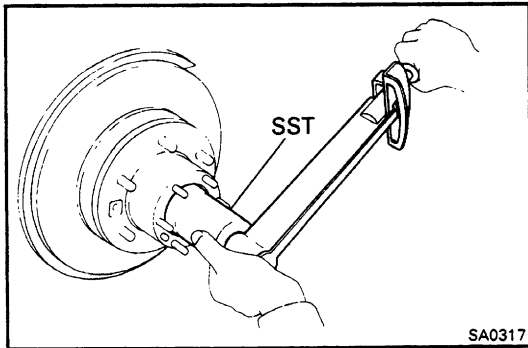
Torque: 55 kg-cm (48 in.-lb, 5.4 N-m)

- Using a spring tension gauge, measure the preload.

Preload (starting):

**Frictional force plus 2.8 – 5.7 kg
(6.2–12.6lb, 27–56 N)**



**6. INSTALL LOCK WASHER AND LOCK NUT**

- (a) Install the lock washer and lock nut.
- (b) Using SST, torque the lock nut.
SST 09607-60020
- (c) Check that the bearing has no play.
- (d) Using a spring tension gauge, check the preload.

Preload (starting):

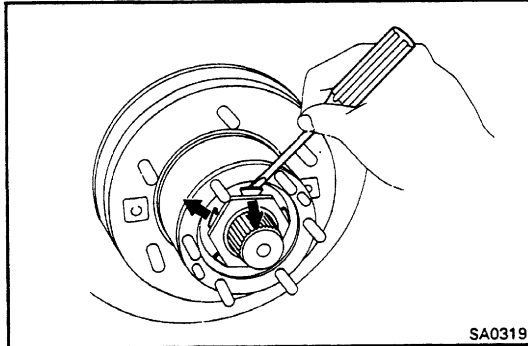
**Frictional force plus 2.8 – 5.7 kg
(6.2–12.6 lb, 27–56 N)**

If not within specification, adjust with the adjusting nut.

- (e) Secure the lock nut by bending one of the lock washer tooth inward and another lock washer tooth outward.

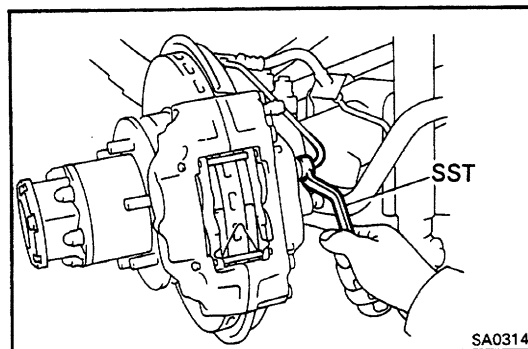
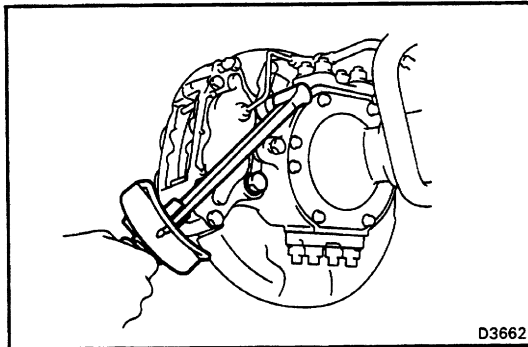
7. INSTALL FREE WHEEL HUB

(See page [SA-12](#))

**8. INSTALL BRAKE CALIPER**

- (a) Install the brake caliper to the steering knuckle.
Torque the mounting bolt.

Torque: 1,250 kg-cm (90 ft-lb, 123 N-m)



- (b) Using SST, connect the brake tube.
SST 09751-36011

Torque: 155 kg-cm (11 ft-lb, 15 N-m)

9. BLEED BRAKE LINE

(See page [BR-6](#))