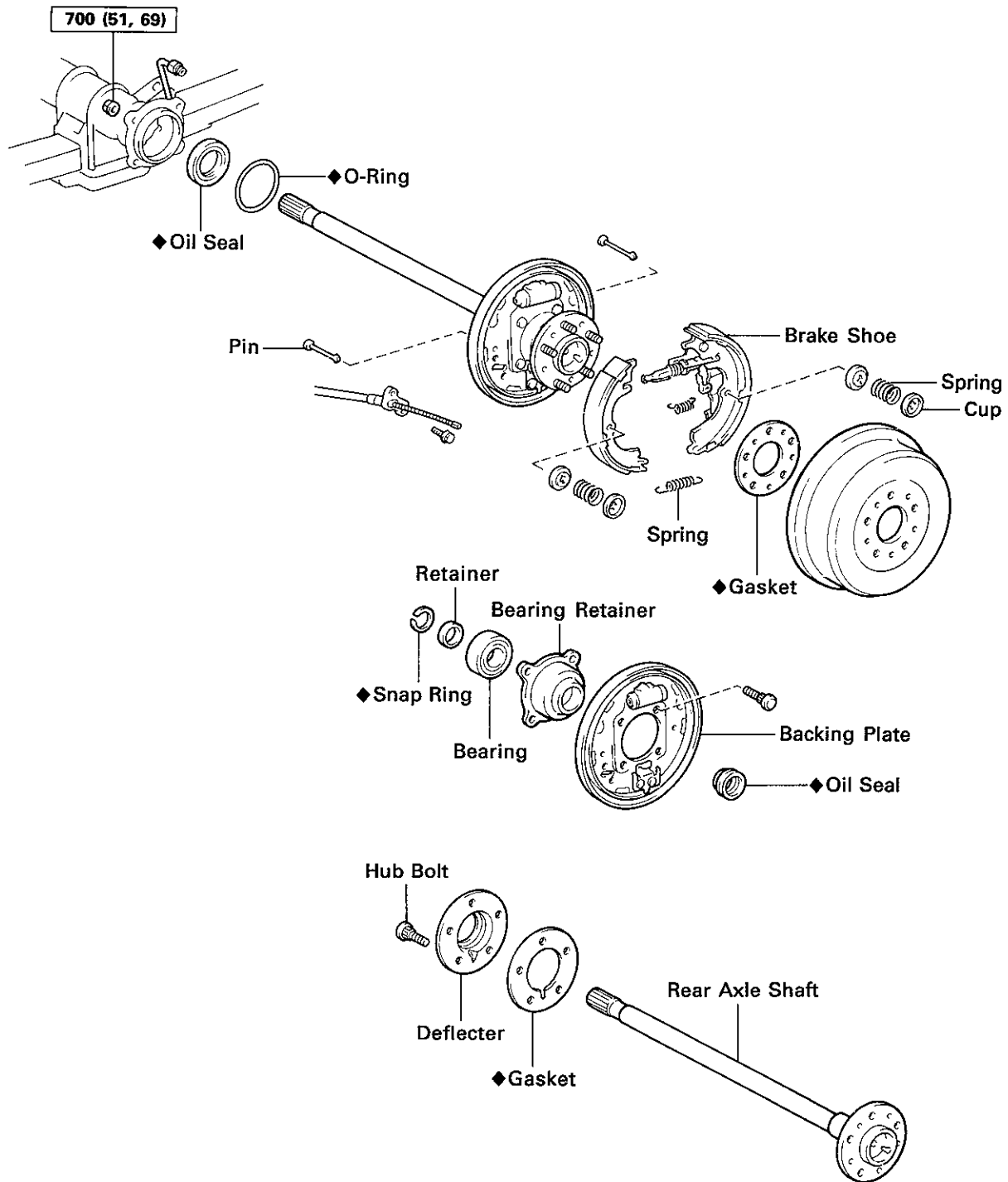
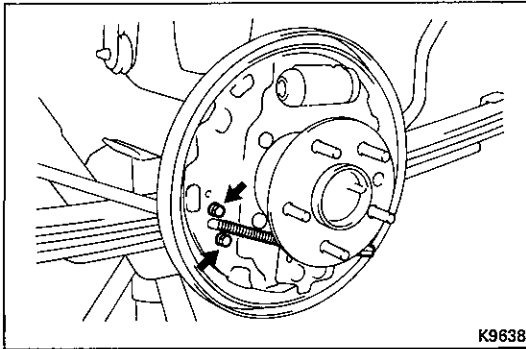


REAR AXLE SHAFT COMPONENTS



kg-cm (ft-lb, N-m) : Specified torque

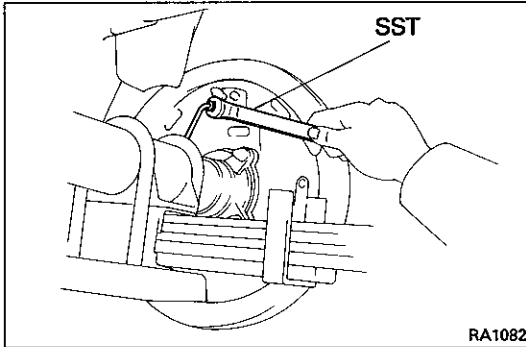
◆ Non-reusable part



REMOVAL OF REAR AXLE SHAFT

1. REMOVE REAR WHEEL
2. REMOVE BRAKE DRUM
3. REMOVE REAR BRAKE SHOES
(See page BR-77 or 80)
4. REMOVE PARKING BRAKE CABLE

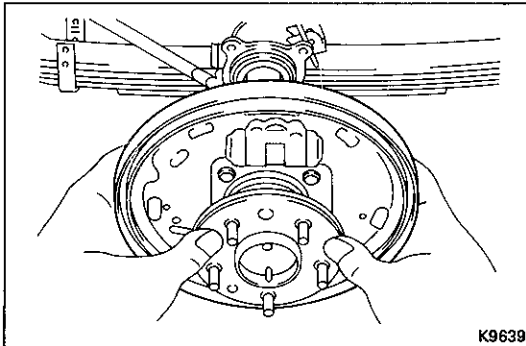
Remove the two bolts and parking brake cable from the backing plate.



5. DISCONNECT BRAKE TUBE FROM BRAKE CYLINDER

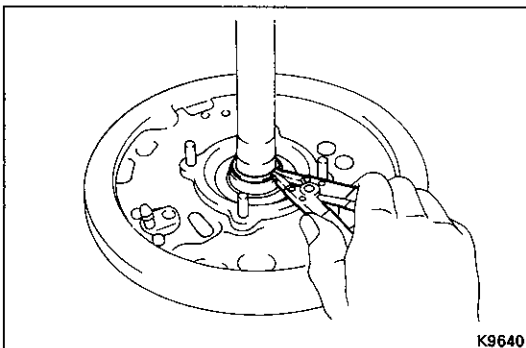
Using SST, disconnect the brake tube from the brake cylinder.

SST 09751-36011

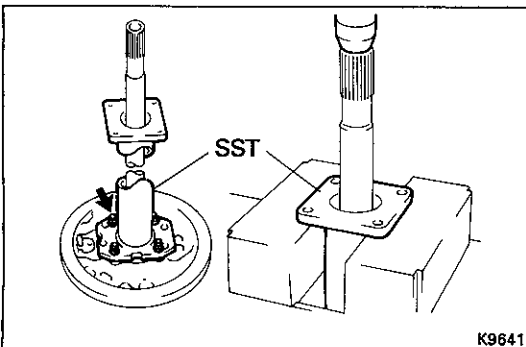


6. REMOVE REAR AXLE SHAFT

- (a) Remove the four nuts.
- (b) Remove the rear axle shaft with the backing plate.



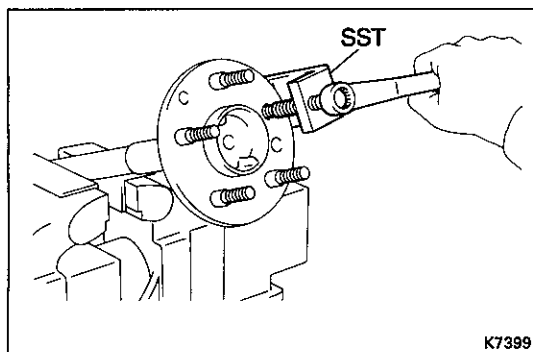
- (c) Using a snap ring expander, remove the snap ring.



- (d) Install SST to the backing plate with the four nuts.

SST 09521-25011

- (e) Using a press, remove the rear axle shaft and bearing retainer.

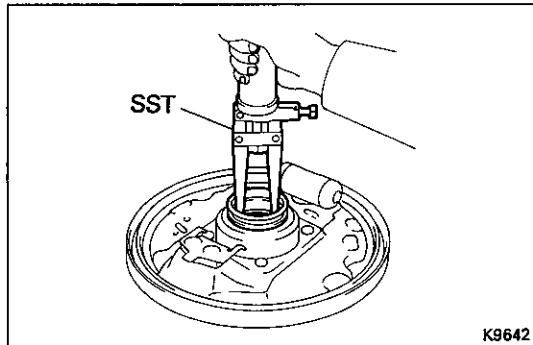


7. REMOVE OIL DEFLECTER

(a) Using SST, remove the hub bolts.

SST 09650-17011

(b) Remove the oil deflector and gasket from the rear axle shaft.

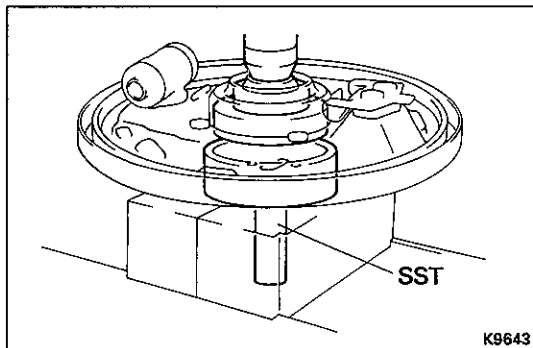


REMOVAL OF BEARING

1. REMOVE OIL SEAL (OUTER)

Using SST, remove the oil seal from the bearing case.

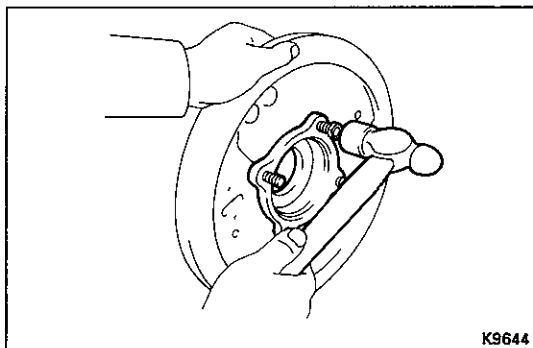
SST 09308-00010



2. REMOVE BEARING

Using SST and a press, remove the bearing.

SST 09223-56010, 09608-35014 (09608-06100)

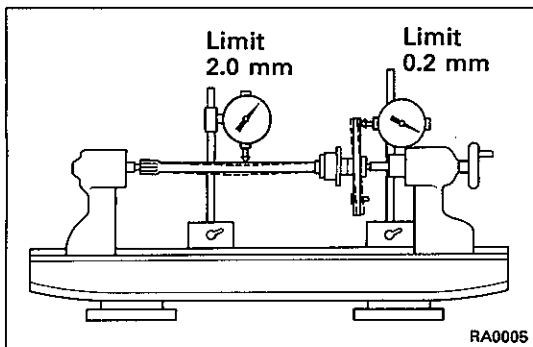


3. REMOVE BEARING CASE

(a) Install nuts to the serration bolts.

(b) Using a hammer, tap out the serration bolts.

(c) Remove the bearing case.

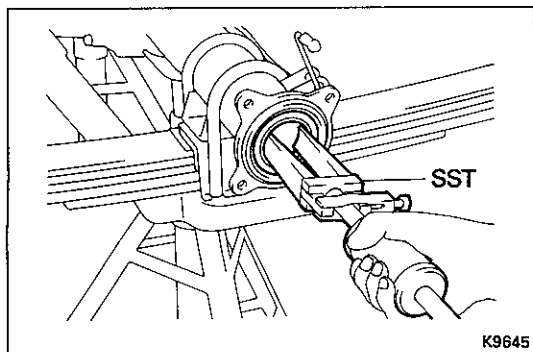


INSPECTION OF REAR AXLE SHAFT

INSPECT REAR AXLE SHAFT FOR WEAR, DAMAGE OR RUNOUT

Maximum shaft runout: 2.0 mm (0.079 in.)

Maximum flange runout: 0.2 mm (0.008 in.)

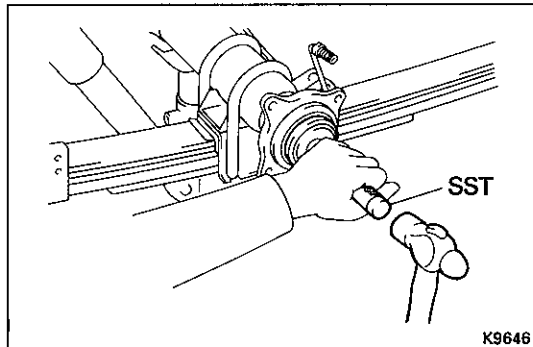


REPLACEMENT OF OIL SEAL (INNER)

1. REMOVE OIL SEAL

Using SST, remove the oil seal from the rear axle housing.

SST 09308-00010

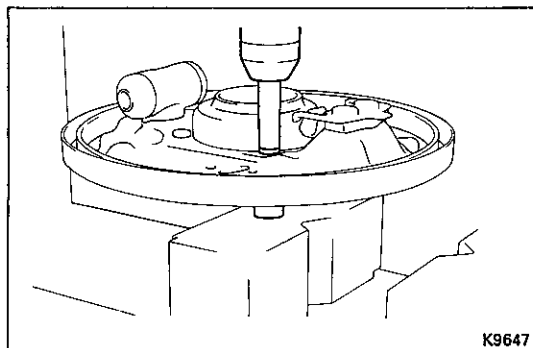


2. INSTALL OIL SEAL

(a) Using SST and a hammer, install a new oil seal.

SST 09608-35014 (09608-06020, 09608-06110)

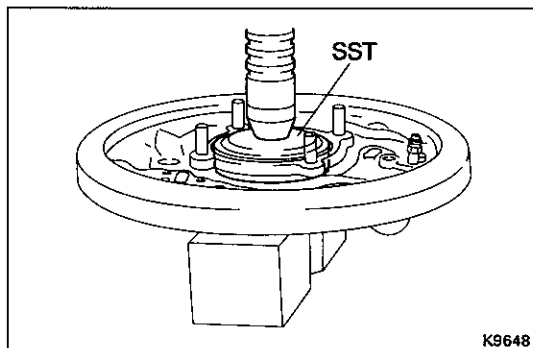
(b) Coat the lip of the oil seal with MP grease.



INSTALLATION OF BEARING

1. INSTALL BEARING CASE

Position the backing plate on the bearing case and, use two socket wrenches, press in the four serration bolts.

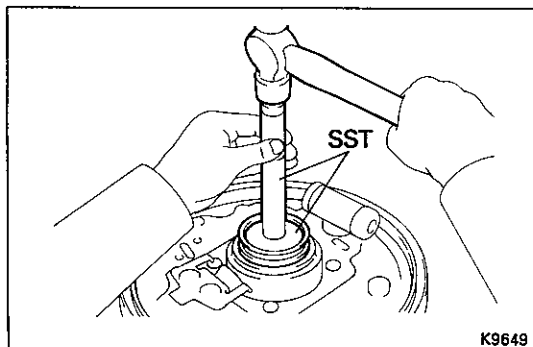


2. INSTALL BEARING

Using SST and a press, install a new bearing.

SST 09608-35014 (09608-06180)

NOTICE: Be careful not to damage the wheel cylinder.

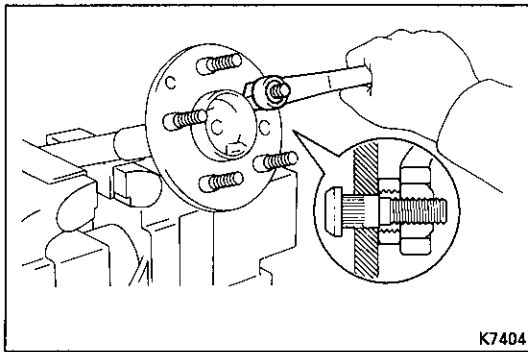


3. INSTALL OIL SEAL (OUTER)

(a) Using SST and a hammer, install a new oil seal.

SST 09608-30012 (09608-04020, 09608-04070)

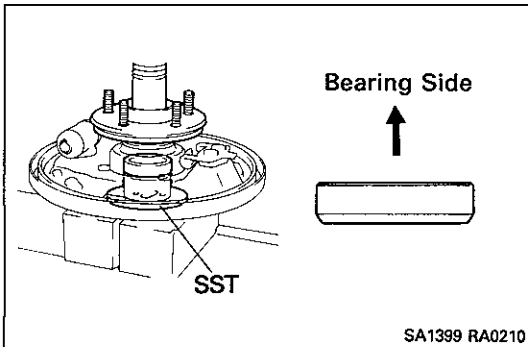
(b) Coat the lip of the oil seal with MP grease.



INSTALLATION OF REAR AXLE SHAFT

1. INSTALL OIL DEFLECTER

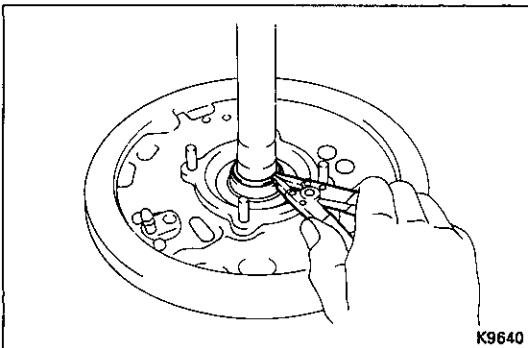
- Install a new gasket and oil deflector to the rear axle shaft.
- Using two nut, install the hub bolts.



2. INSTALL REAR AXLE SHAFT IN BACKING PLATE

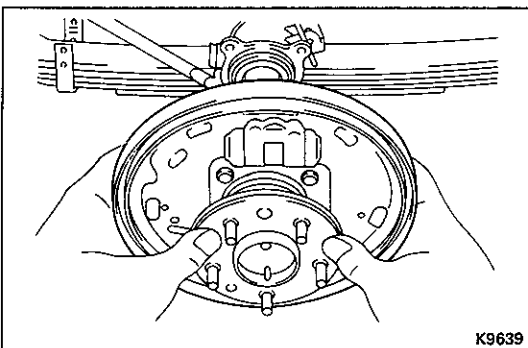
- Position the backing plate bearing retainer on the rear axle shaft.
- Using SST and a press, install the rear axle shaft into the backing plate.

SST 09316-60010 (09316-00050)



3. INSTALL SNAP RING

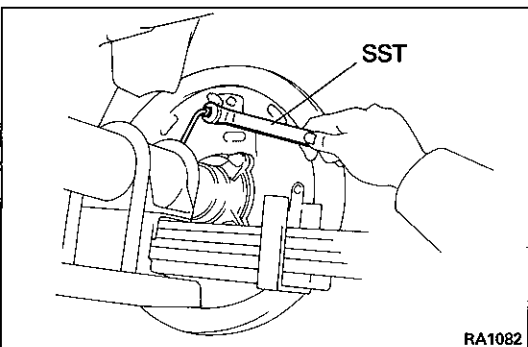
Using a snap ring expander, install a new snap ring on the rear axle shaft.



4. INSTALL REAR AXLE SHAFT

- Install a new O-ring on the rear axle housing.
- Install the rear axle shaft with the backing plate.
- Tighten the four nuts.

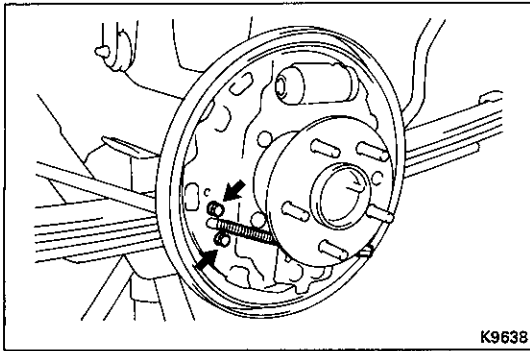
Torque: 700 kg-cm (51 ft-lb, 69 N-m)



5. CONNECT BRAKE TUBE

Using SST, connect the brake tube to the brake cylinder.

SST 09751-36011

**6. INSTALL PARKING BRAKE CABLE**

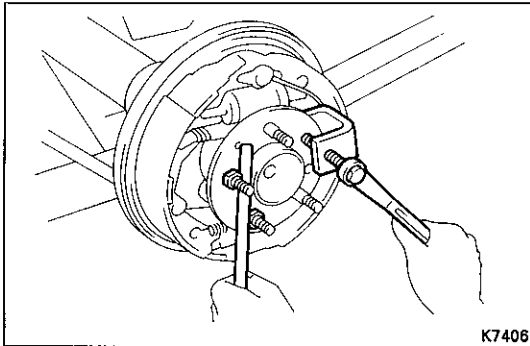
Install the parking brake cable to the backing plate with two bolts.

7. INSTALL REAR BRAKE SHOES
(See page BR-85 or 89)**8. INSTALL BRAKE DRUM**

Install a new gasket and brake drum.

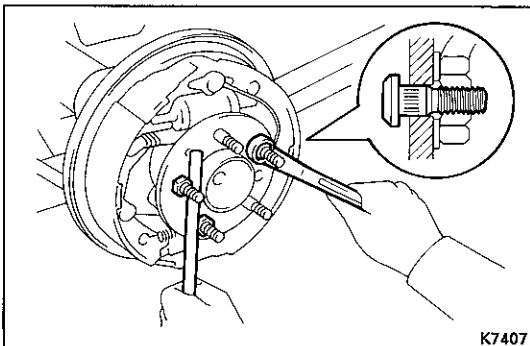
9. BLEED BRAKE SYSTEM AND CHECK FLUID LEAKAGE**10. INSTALL REAR WHEEL**

Torque: 1,050 kg-cm (76 ft-lb, 103 N·m)

**REPLACEMENT OF HUB BOLT****1. REMOVE REAR WHEEL****2. REMOVE BRAKE DRUM****3. REMOVE HUB BOLT**

Using SST, remove the hub bolt.

SST 09650-17011

**4. INSTALL HUB BOLT**

Using a washer and nut, install a new hub bolt.

5. INSTALL BRAKE DRUM**6. INSTALL REAR WHEEL**

Torque: 1,050 kg-cm (76 ft-lb, 103 N·m)