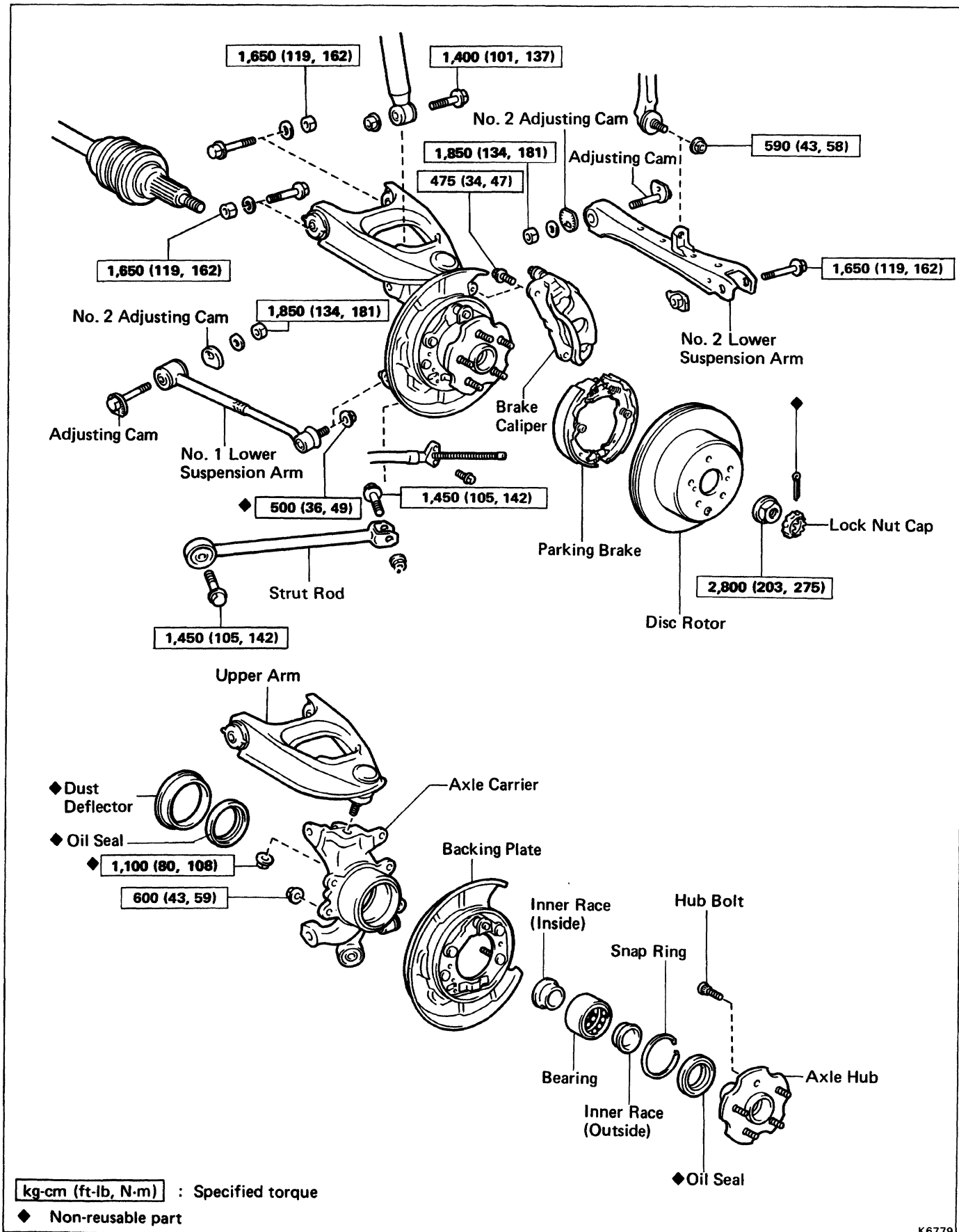
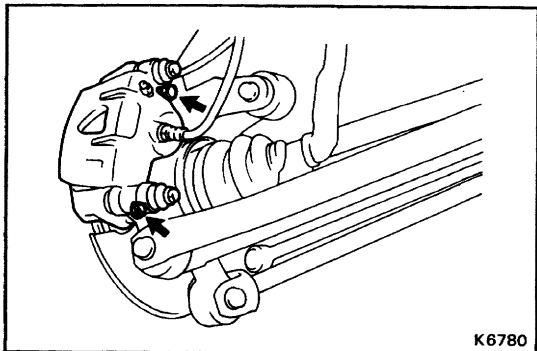


REAR AXLE HUB COMPONENTS



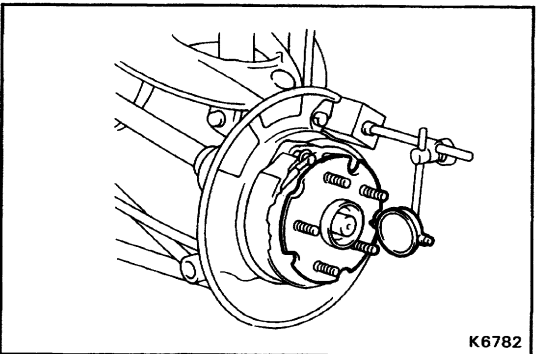
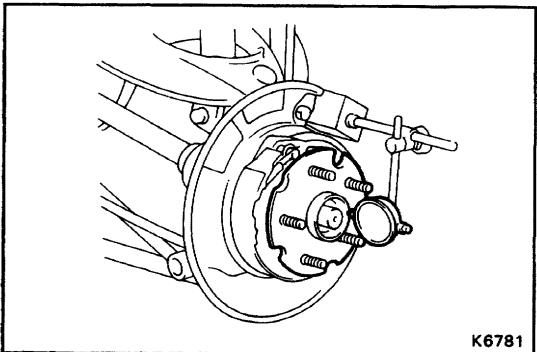
kg-cm (ft-lb, N-m) : Specified torque

◆ Non-reusable part

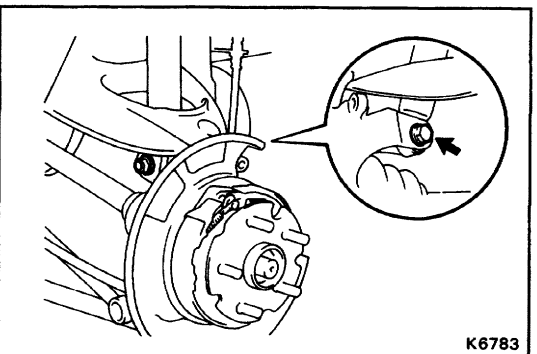


REMOVAL OF REAR AXLE CARRIER WITH UPPER ARM

1. REMOVE REAR WHEEL
2. REMOVE COTTER PIN, LOCK NUT CAP AND LOCK NUT
3. REMOVE BRAKE CALIPER AND DISC ROTOR
 - (a) Remove the two bolts.
 - (b) Remove the brake caliper and suspend it with wire.
 - (c) Place matchmarks on the rotor and axle hub.
 - (d) Remove the disc rotor.
4. CHECK BEARING PLAY IN AXIAL DIRECTION
Limit: 0.05 mm (0.0020 in.)



5. CHECK AXLE HUB RUNOUT
Limit: 0.07 mm (0.0028 in.)
6. REMOVE PARKING BRAKE



7. DISCONNECT SHOCK ABSORBER

Disconnect the shock absorber from the axle carrier.

8. REMOVE STRUT ROD

(See page SA-83)

9. REMOVE NO. 1 LOWER SUSPENSION ARM

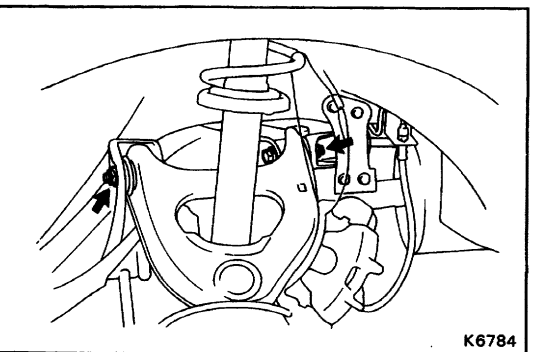
(See page SA-83)

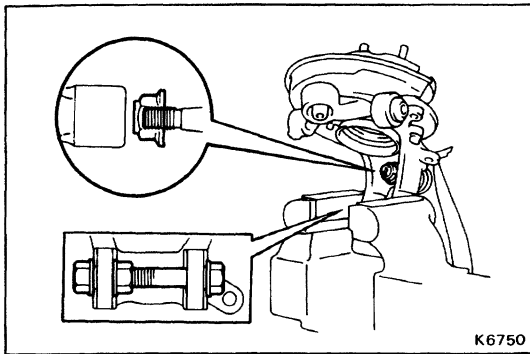
10. REMOVE NO.2 LOWER SUSPENSION ARM

(See page SA-83)

11. REMOVE AXLE CARRIER WITH UPPER ARM

- (a) Remove the two upper arm set bolts.
- (b) Remove the axle carrier with upper arm.

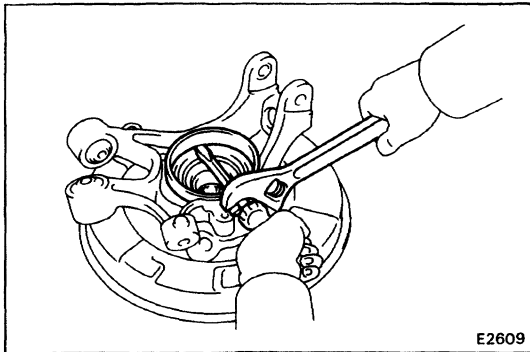




REMOVAL OF AXLE HUB

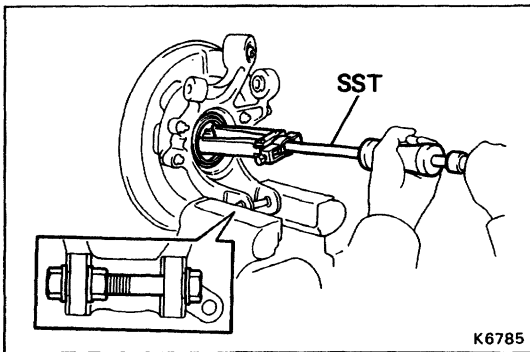
1. REMOVE UPPER ARM

- (a) Install a bolt and two nuts to the axle carrier and secure it in a vise.
- (b) Loosen the nut to the position shown in the illustration. Then tap the nut with a hammer and remove the upper arm.



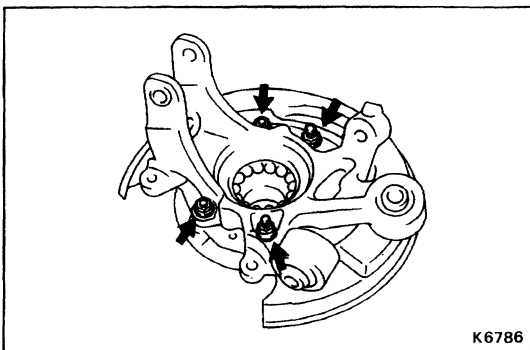
2. REMOVE DUST DEFLECTOR

Using a screwdriver, remove the dust deflector.



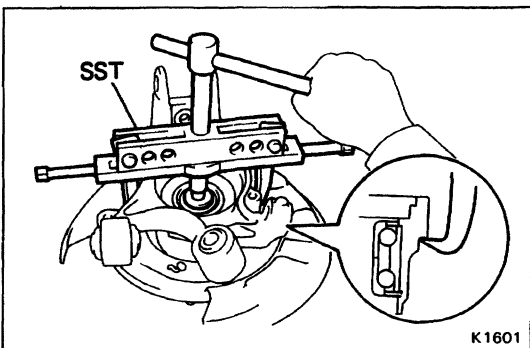
3. REMOVE OIL SEAL (Inner)

- (a) Install a bolt and two nuts to the axle carrier and secure it in a vise.
- (b) Using SST, remove the oil seal.
SST 09308-000 10

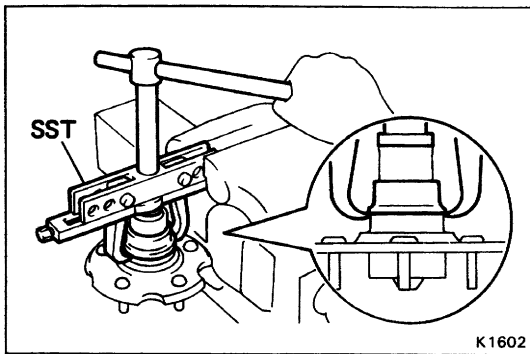


4. REMOVE AXLE HUB

- (a) Remove the four backing plate set nuts.

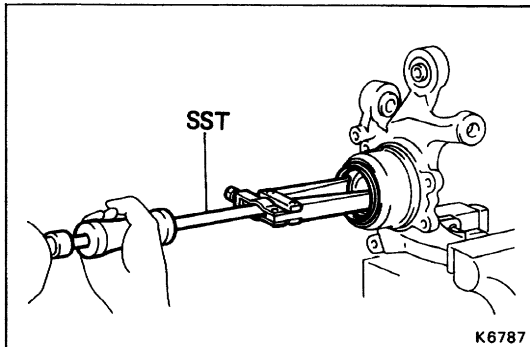


- (b) Using SST, remove the axle hub.
SST 09950-20017
- (c) Remove the backing plate.



(d) Using SST, remove the inner race (outside) from axle hub.

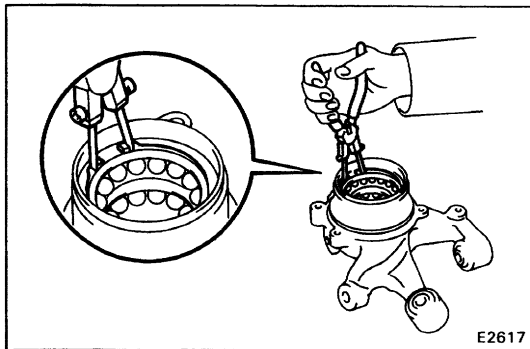
SST 09950-20017



5. REMOVE OIL SEAL (Outer)

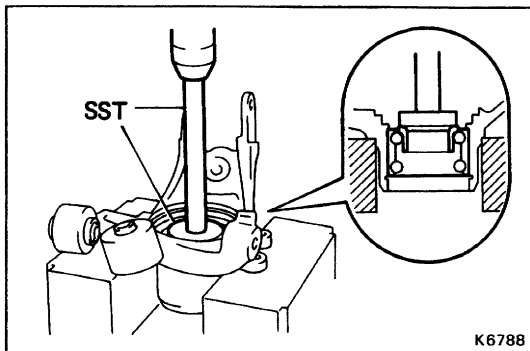
Using SST, remove the oil seal.

SST 09308-00010



6. REMOVE BEARING

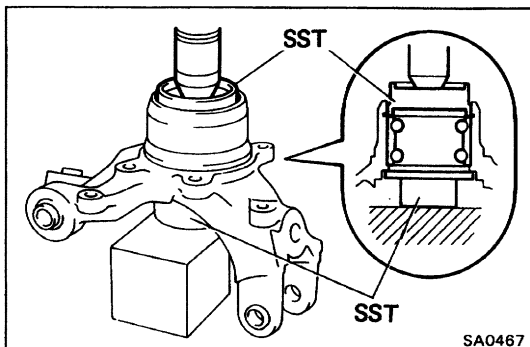
(a) Remove the snap ring.



(b) Temporarily install the inner race (inside) to the bearing.

(c) Using SST, remove the bearing.

SST 09608-35014 (09608-06020, 09608-06100)

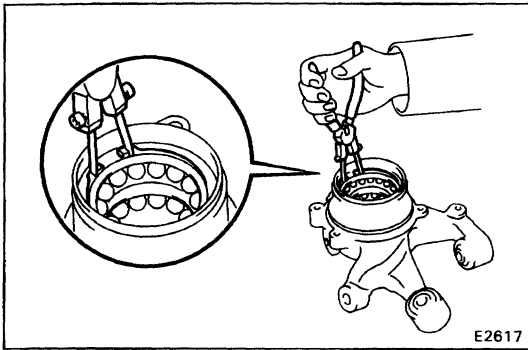


INSTALLATION OF AXLE HUB

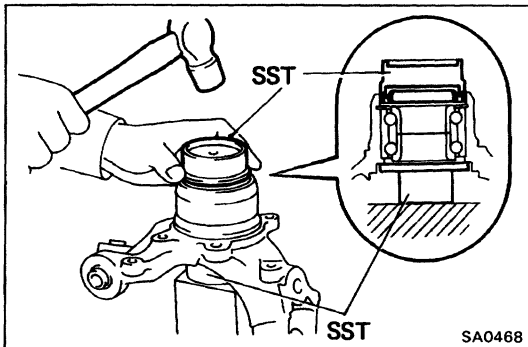
1. INSTALL BEARING

(a) Using SST, install the bearing to the axle carrier.

SST 09316-60010 (09316-00040), 09608-32010

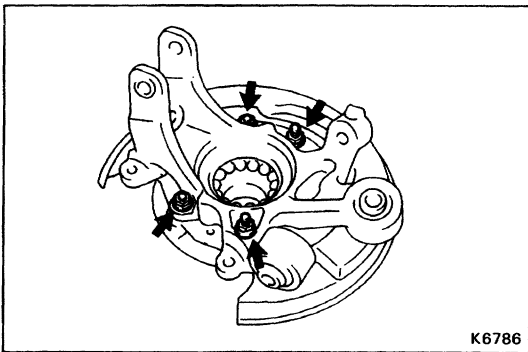


(b) Install the snap ring.



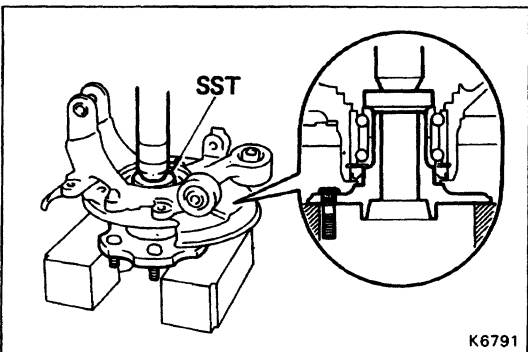
2. INSTALL OIL SEAL (Outer)

- (a) Install the inner race (outside).
- (b) Using SST, install a new oil seal.
SST 09316-60010 (09316-00040), 09608-32010
- (c) Coat the lip of oil seal with MP grease.

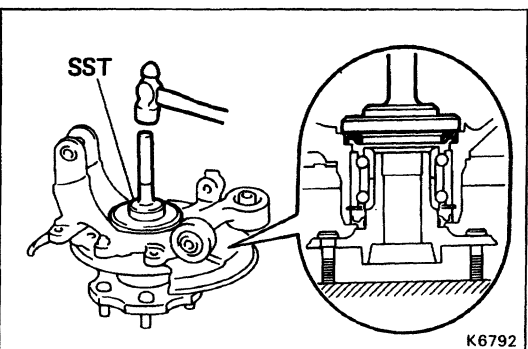


3. INSTALL AXLE HUB

- (a) Install the backing plate.
Torque: 600 kg-cm (43 ft-lb, 59 N-m)
- (b) Install the inner race (inside).

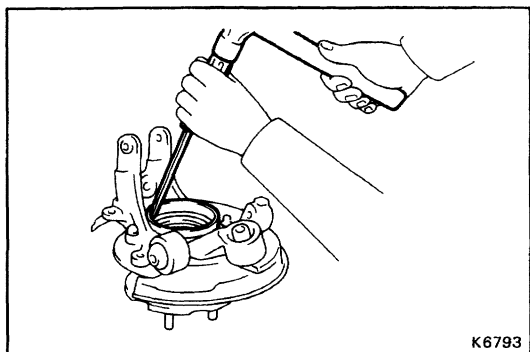


- (c) Using SST, install the axle hub.
SST 09608-35014 (09608-06100)



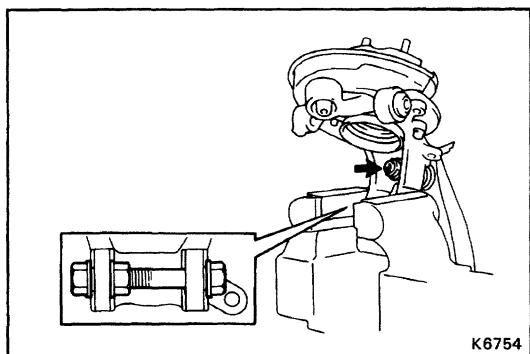
4. INSTALL OIL SEAL (inner)

- (a) Using SST, install a new oil seal.
SST 09223-41020
- (b) Coat the lip of oil seal with MP grease.



5. INSTALL DUST DEFLECTOR

Install a new dust deflector.



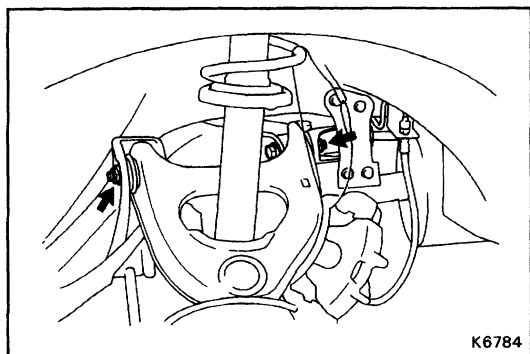
6. INSTALL UPPER ARM

(a) Install a bolt and two nuts to the axle carrier and secure it in a vise.

(b) Install the upper arm to the axle carrier.

(c) Install a new nut.

Torque: 1,100 kg-cm (80 ft-lb, 108 N - m)



INSTALLATION OF REAR AXLE CARRIER WITH UPPER ARM

1. INSTALL REAR AXLE CARRIER WITH UPPER ARM

(a) Temporarily install the drive shaft to the axle hub.

NOTICE: Be careful not to damage the oil seals of the axle hub.

(b) Install the upper arm.

(c) Temporarily install the two upper arm set bolts.

2. TEMPORARILY INSTALL NO.2 LOWER SUSPENSION ARM

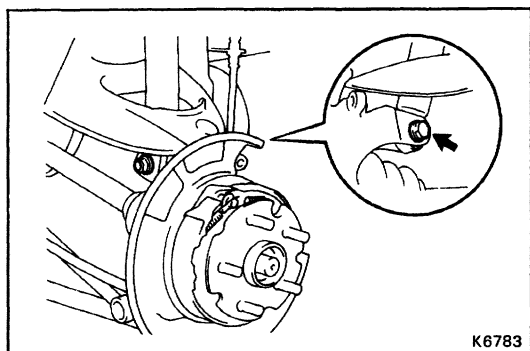
(See page [SA-85](#))

3. TEMPORARILY INSTALL NO. 1 LOWER SUSPENSION ARM

(See page [SA-85](#))

4. TEMPORARILY INSTALL STRUT ROD

(See page [SA-85](#))

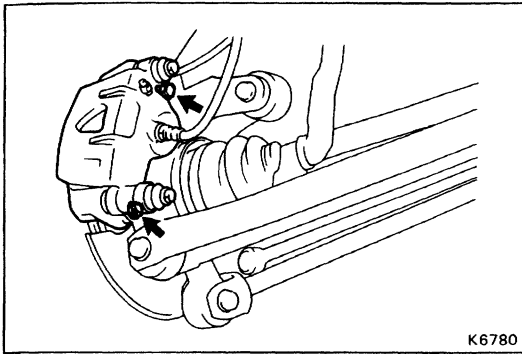


5. CONNECT SHOCK ABSORBER

Connect the shock absorber to the axle carrier.

Torque: 1,400 kg-cm (101 ft-lb, 137 N-m)

6. INSTALL PARKING BRAKE

**7. INSTALL DISC ROTOR AND BRAKE CALIPER**

(a) Install the disc rotor.

HINT: Align matchmarks on the rotor and axle hub.

(b) Install the brake caliper.

Torque: 475 kg-cm (34 ft-ib, 47 N-m)

8. INSTALL DRIVE SHAFT LOCK NUT

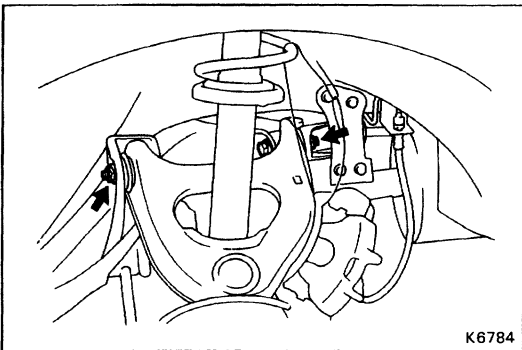
(a) Install the lock nut.

Torque: 2,800 kg-cm (203 ft-lb, 275 N-m)

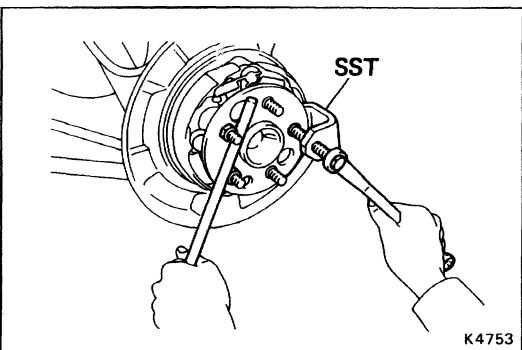
(b) Install the lock nut cap and a new cotter pin.

9. INSTALL REAR WHEEL**10. STABILIZE SUSPENSION**

Remove the stands and bounce the vehicle up and down to stabilize the suspension.

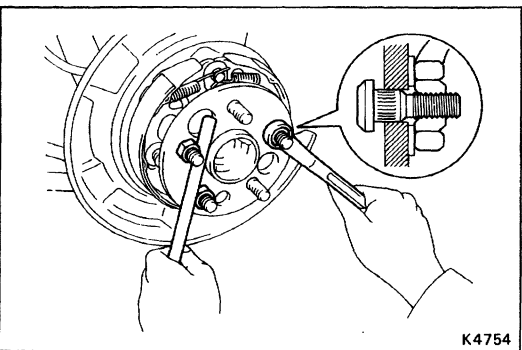
11. TORQUE LOWER SUSPENSION ARMS AND STRUT ROD (See page SA-85)**12. TORQUE UPPER ARM**

Torque: 1,650 kg-cm (119 ft-lb, 162 N-m)

13. CHECK REAR WHEEL ALIGNMENT**REPLACEMENT OF HUB BOLT****REMOVE REAR WHEEL****2. REMOVE BRAKE CALIPER AND DISC ROTOR****3. REMOVE HUB BOLT**

Using SST, remove the hub bolt.

SST 09628-10011

**4. INSTALL HUB BOLT**

Using a plate washer and nut, install the hub bolt.

5. INSTALL DISC ROTOR AND BRAKE CALIPER**6. INSTALL REAR WHEEL**