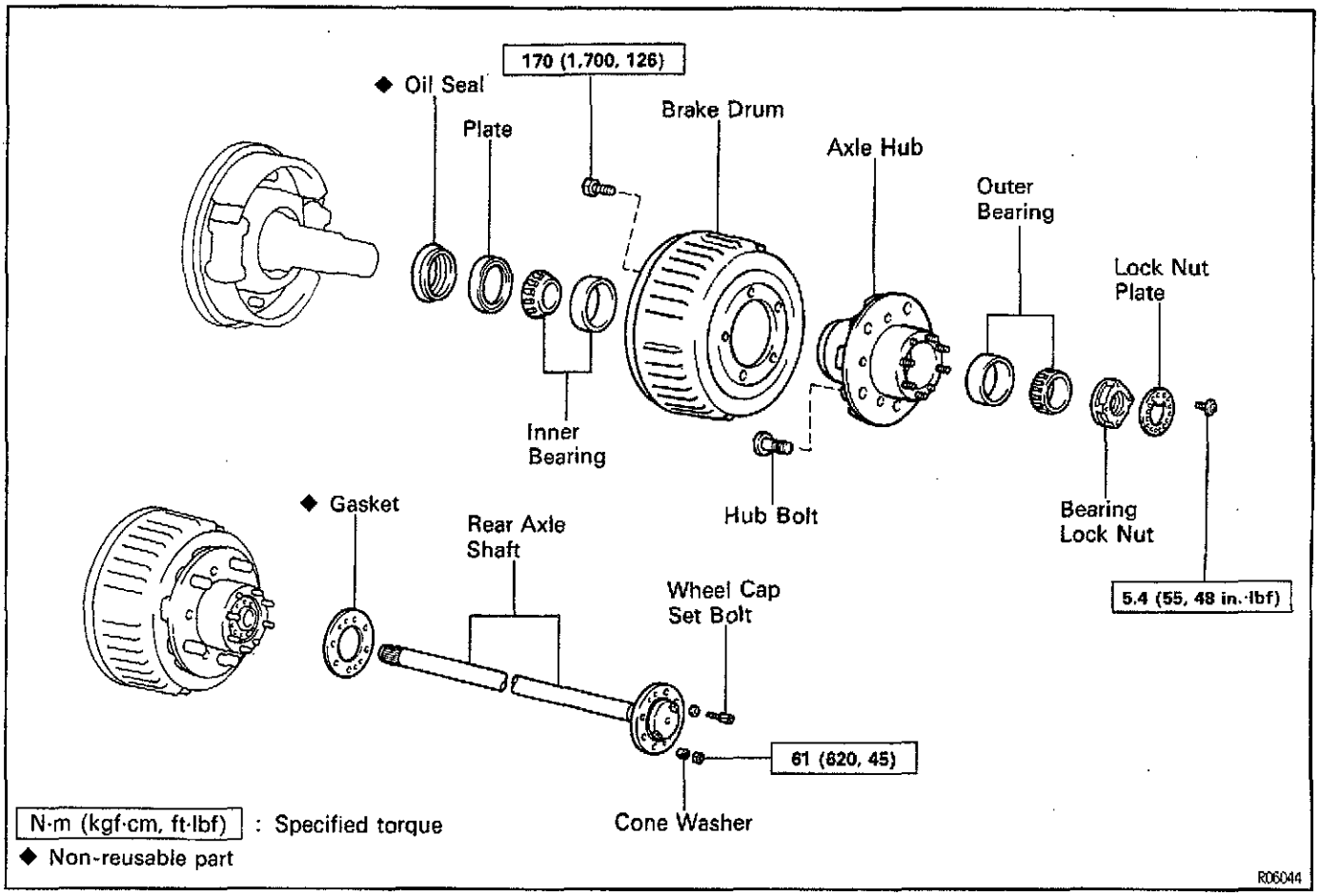
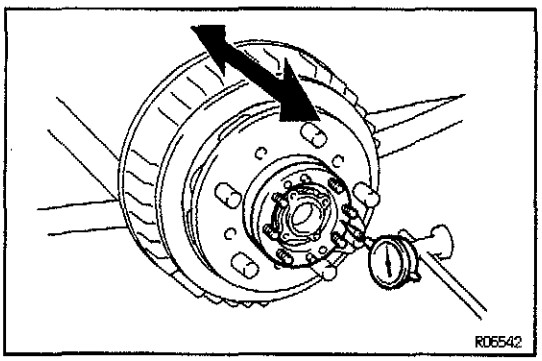
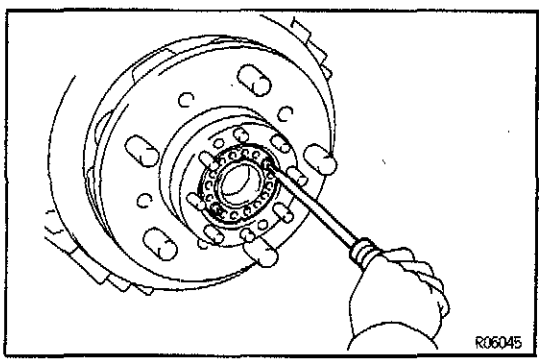
REAR AXLE HUB
COMPONENTS

SA0XU-01





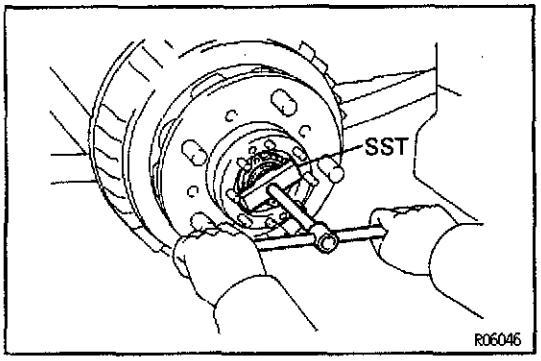


SA0XV-01

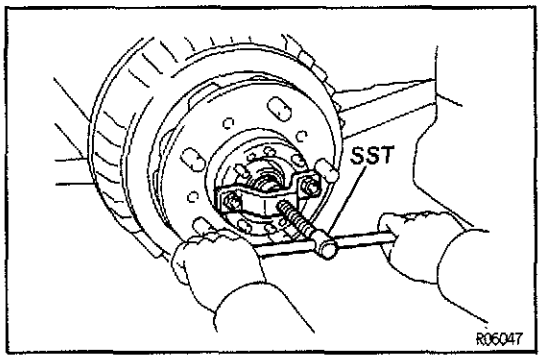
REAR AXLE HUB REMOVAL

1. **JACK UP AND SUPPORT FRAME ON STANDS**
2. **REMOVE REAR WHEEL AND REAR AXLE SHAFT**
   (See page SA–43)
3. **MEASURE AXLE HUB AXIAL PLAY**
   Using a dial indicator, measure the hub axial play.
   Axial play:
   0.10 mm (0.0039 in.) or less
   If greater than the specified limit, check the hub bearing preload or replace the hub bearings.
4. **REMOVE BEARING LOCK NUT**

(a) Remove the 2 screws from the bearing lock nut.
(b) Remove the lock nut plate.

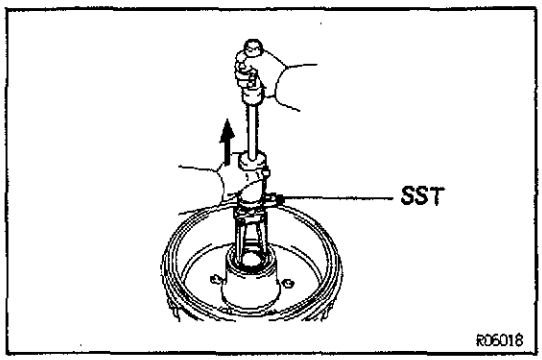


(c) Using SST, remove the bearing lock nut.
SST 09513–36020

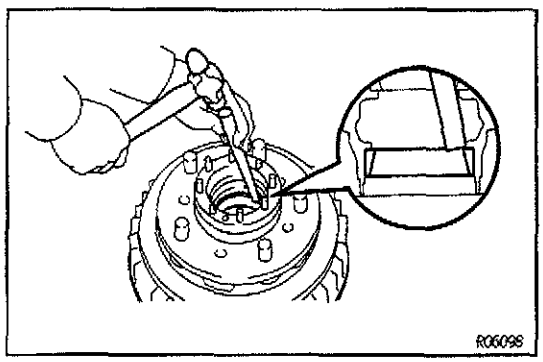


5. REMOVE AXLE HUB FROM AXLE
Using SST, remove the rear axle hub.
SST 09510–36010

SA



6. REMOVE OIL SEAL AND INNER BEARING
(a) Using SST, remove the oil seal from the axle hub.
SST 09308–00010
(b) Remove the plate and inner bearing.

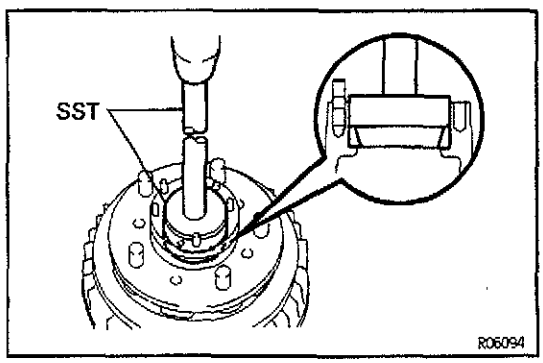


REAR AXLE HUB BEARING INSPECTION AND REPAIR

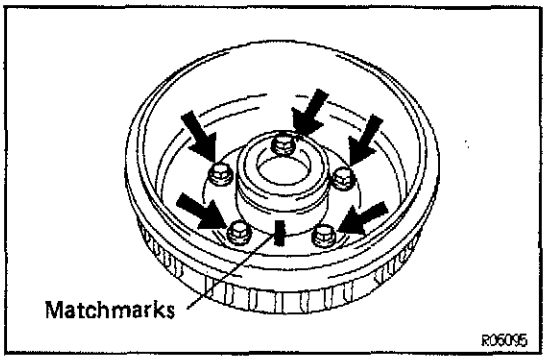
SA0XW-01

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 a new bearing outer race.
SST 09608–35014 (09608–06020, 09608–06210)



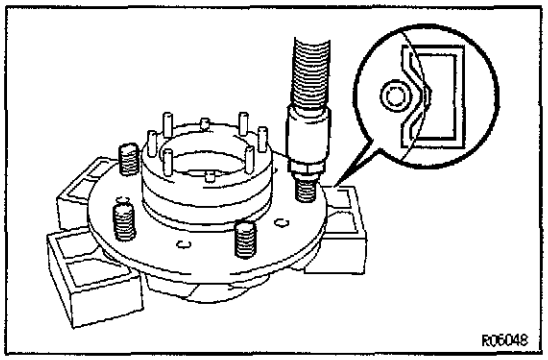
HUB BOLT REPLACEMENT

SA0XX-01

1. REMOVE HUB BOLT

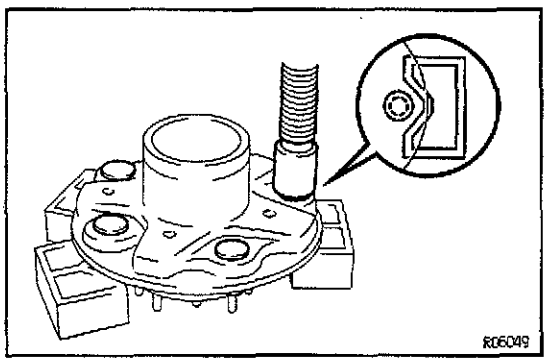
(a) Place the matchmarks on the brake drum and axle hub.

(b) Remove the bolts, and separate the brake drum and axle hub.



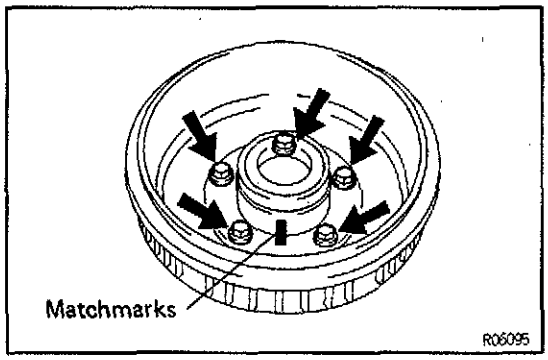
(c) Install the nut to the axle hub bolt.

(d) Using a press, press out the hub bolt.

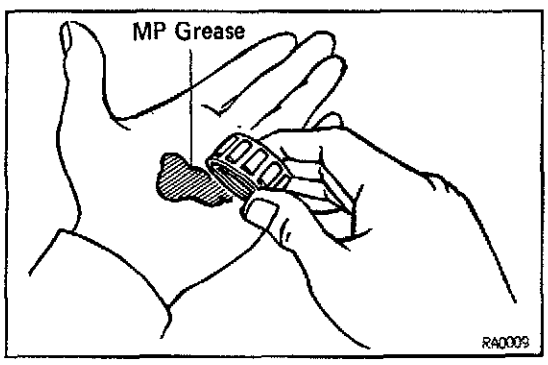


2. INSTALL NEW HUB BOLT

(a) Using a press, press in a new hub bolt.



(b) Align the matchmarks and install the axle hub to the brake drum with the 5 bolts.
Torque: 170 N·m (1.700 kgf·cm, 126 ft·lbf)



REAR AXLE HUB INSTALLATION

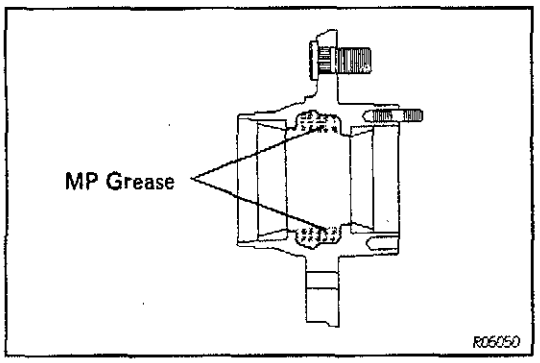
SA0XY-01

1. PACK BEARINGS WITH MP GREASE

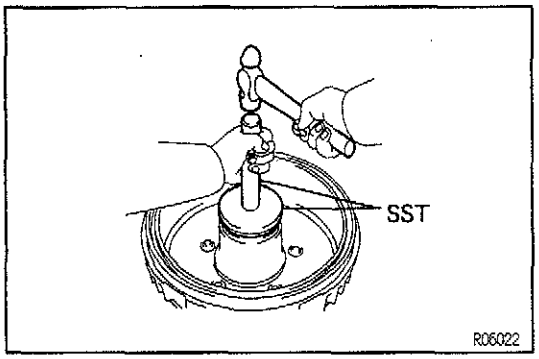
(a) Place MP grease in the palm of your hand.

(b) Pack grease into the bearing, continuing until the grease oozes out from the other side.

(c) Do the same around the bearing circumference.



2. COAT INSIDE OF HUB WITH MP GREASE



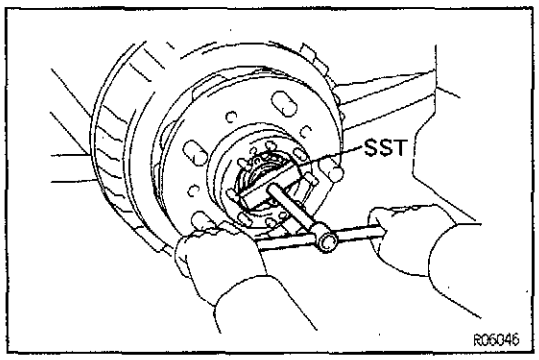
3. INSTALL INNER BEARING AND OIL SEAL

(a) Place inner bearing and plate into the axle hub.

(b) Using SST, drive in a new oil seal to the axle hub.
SST 09223–15030, 09608–35014 (09608–06020)

(c) Coat the oil seal with MP grease.

SA



4. INSTALL AXLE HUB

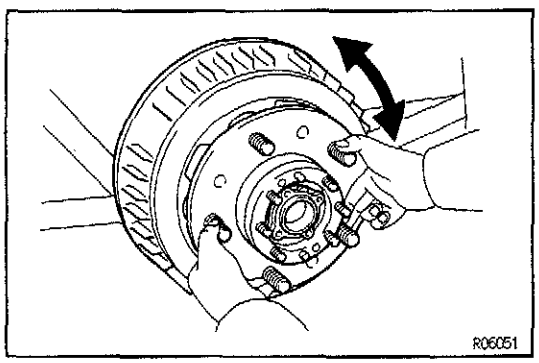
(a) Place the axle hub on the axle housing.

(b) Install the outer bearing.

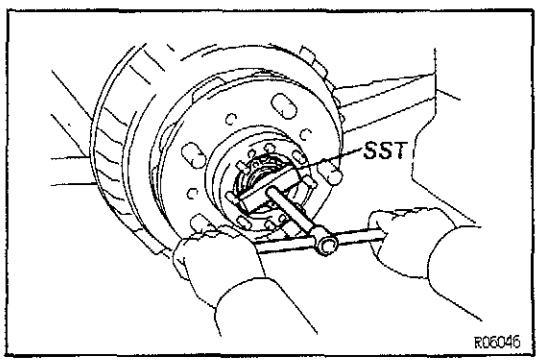
5. ADJUST PRELOAD

(a) Install the lock nut.

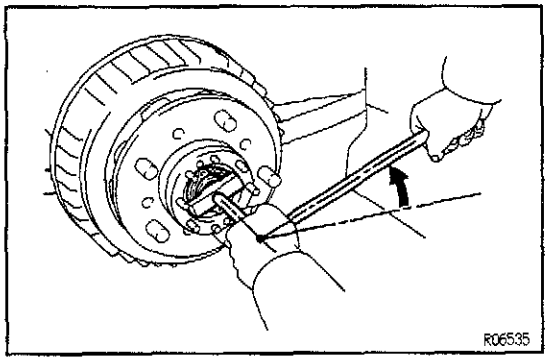
(b) Using SST, torque the lock nut.
SST 09513–36020
Torque: 56 N·m (575 kgf·cm, 42 ft·lbf)



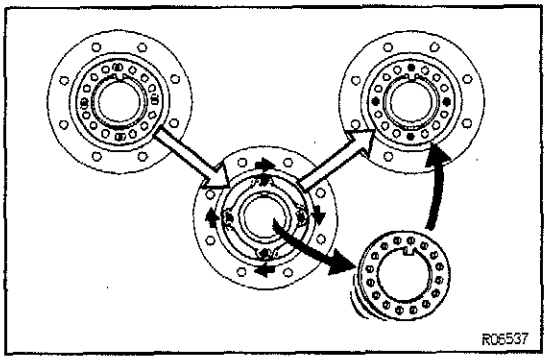
(c) Snug down the bearing by turning the hub several times.



(d) Using SST, retorque the lock nut.
SST 09513–36020
Torque: 56 N·m (575 kgf·cm, 42 ft·lbf)

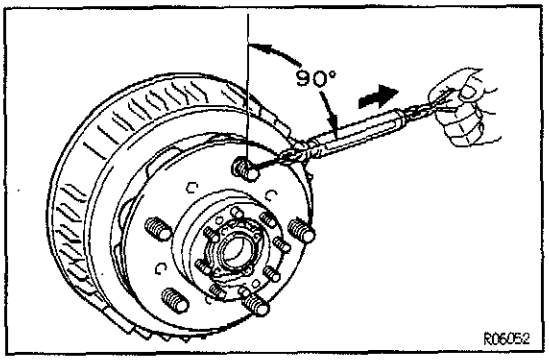


(e) Using SST, loosen the lock nut by 30°.
SST 09513–36020

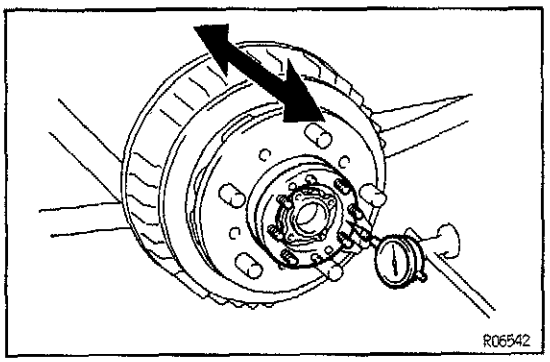


(f) Temporarily install the lock plate.
If the screw holes are not aligned, correct by tightening the nut by the smallest amount possible.

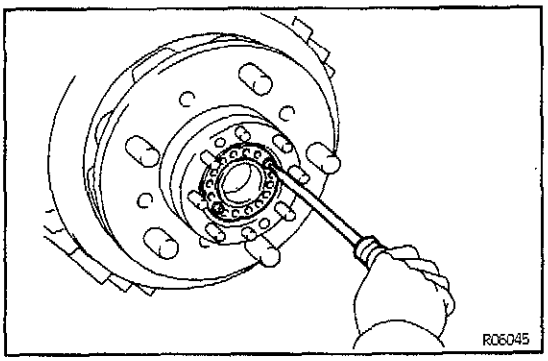
(g) Remove the lock plate.



(h) Using a spring tension gauge, measure the preload.
Preload (at starting) :
10 – 29 N (1.0 – 3.0 kgf, 2.2 – 6.6 lbf)
If the preload is not within specification, the above procedure must be repeated.



(i) Check the hub axial play.
Axial play:
0.10 mm (0.0039 in.) or less



6. INSTALL LOCK PLATE AND SCREW

Install the lock plate and 2 screws.
Torque: 5.4 N·m (55 kgf·cm, 78 in.·lbf)

7. **INSTALL REAR AXLE SAFT**
   (See page SA–44)
8. **INSTALL REAR WHEEL AND LOWER VEHICLE**
   Torque: 515 N·m (5,250 kgf·cm, 380 ft·lbf)