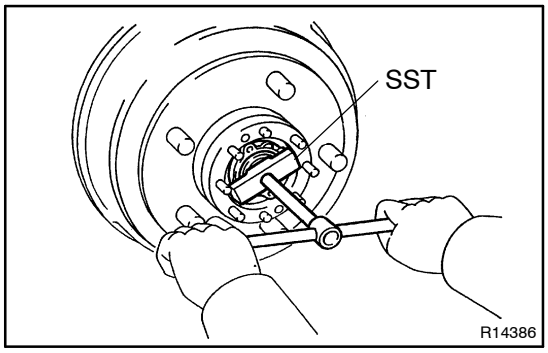
300IX–01

OVERHAUL

HINT:

On the RH side, use the same procedures as on the LH side.

1. **REMOVE REAR AXLE SHAFT** (See page 30–72)
2. **REMOVE REAR AXLE SHAFT LH OIL SEAL** (See page 30–72)

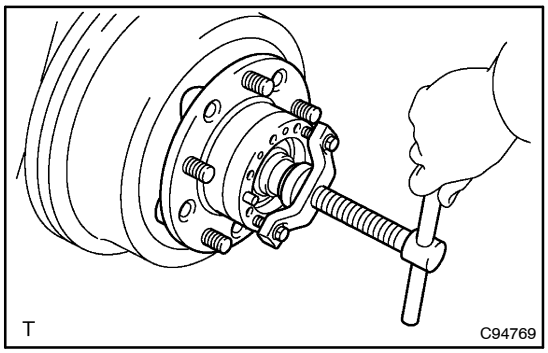


3. **REMOVE REAR AXLE BEARING LOCK NUT**

(a) Remove the 2 screws and lock plate.

(b) Using SST, remove the lock nut.

SST 09513–36020



4. **REMOVE LH HUB (OR SHAFT) & BRAKE DRUM REAR AXLE**

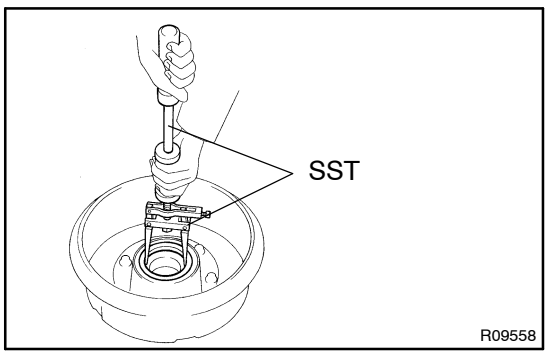
(a) Using SST, remove the rear axle hub.

SST 09510–36010

NOTICE:

Be careful not to drop the outer bearing.

5. **REMOVE REAR AXLE OUTER BEARING TAPERED ROLLER BEARING**



6. **REMOVE REAR AXLE HUB INNER LH BEARING**

(a) Using SST, drive out the oil seal.

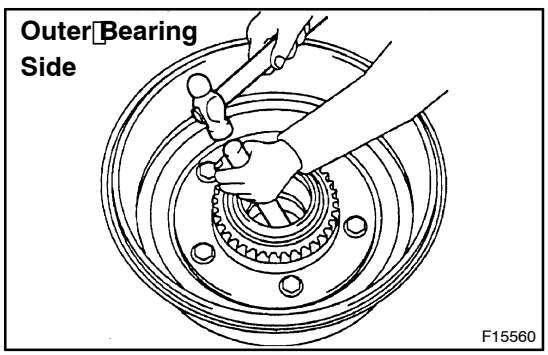
SST 09308–00010

(b) Remove the inner bearing from the axle hub.

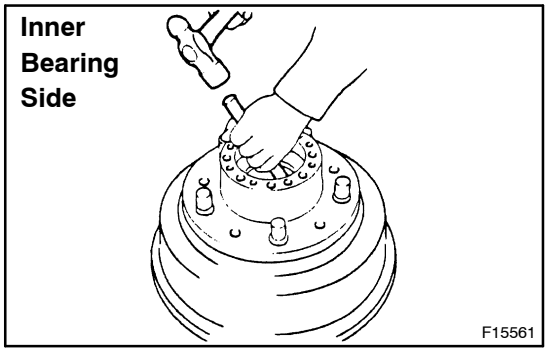
7. **REMOVE BEARING OUTER RACE**

NOTICE:

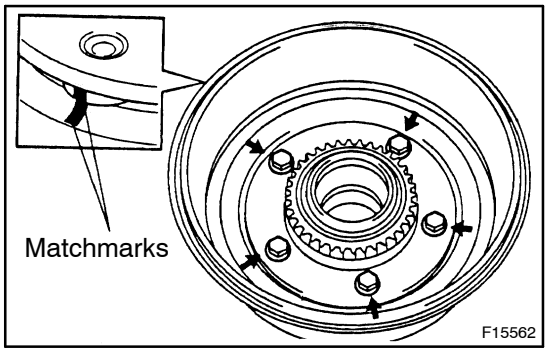
- **Apply the brass bar to the cut–out of the axle hub to hit the outer race.**
- **Do not damage the brake drum.**



(a) Using a brass bar and hammer, tap out the outer race for the outer bearing.



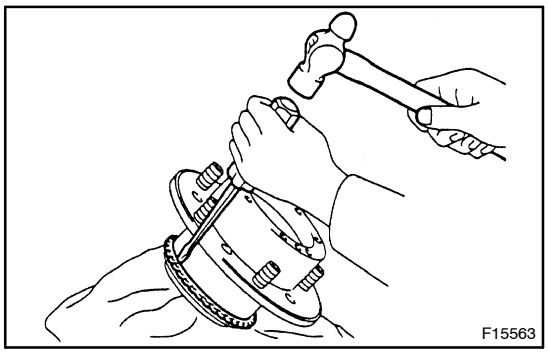
(b) Using a brass bar and hammer, tap out the outer race for the inner bearing.



8. REMOVE REAR AXLE HUB LH

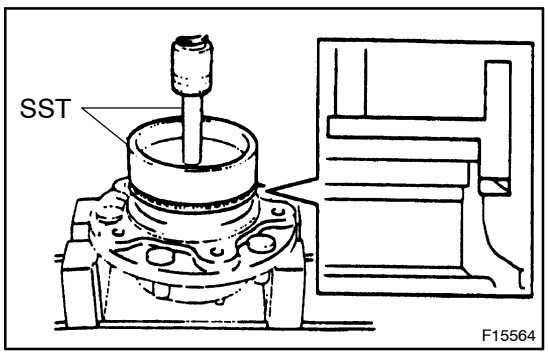
(a) Place matchmarks on the drum and axle hub.

(b) Remove the 5 bolts, and separate the brake drum and axle hub.



9. REMOVE SKID CONTROL ROTOR REAR (W/ SKID CONTROL)

(a) Using a screwdriver and hammer, tap out the rotor.



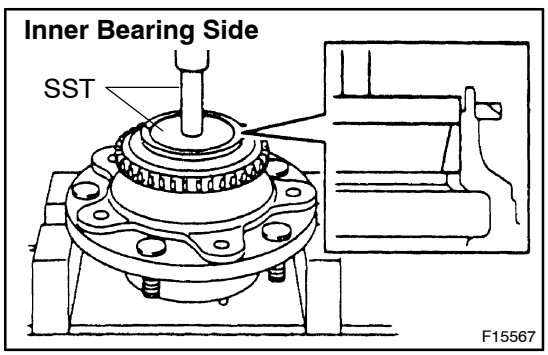
10. INSTALL SKID CONTROL ROTOR REAR (W/ SKID CONTROL)

(a) Using SST and a press, press–fit a new rotor until it reaches the installation surface.

SST 09950–70010 (09951–07150)

NOTICE:

- **Press–fitting should be done slowly and evenly.**
- **Do not damage the rotor.**



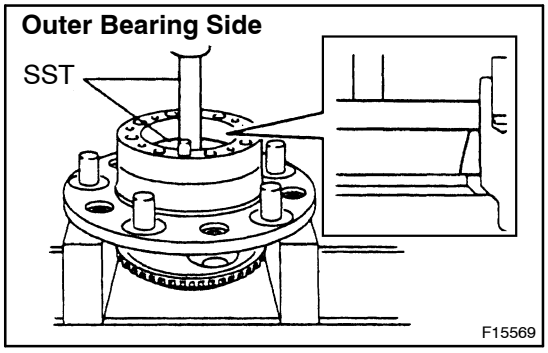
11. INSTALL BEARING OUTER RACE

NOTICE:

- **Press–fitting should be done slowly and evenly.**
- **Do not damage the outer race.**

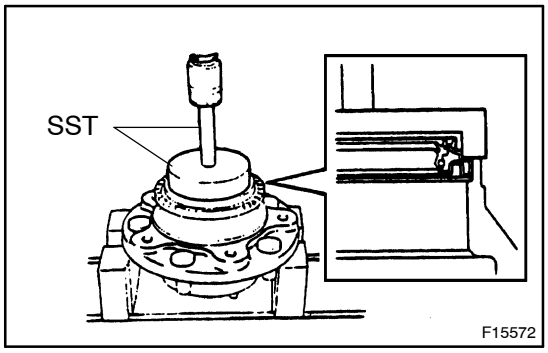
(a) Using SST and a press, press–fit a new rear axle hub inner bearing outer race until it reaches the installation surface.

SST 09950–70010 (09951–07150), 09951–01100



(b) Using SST and a press, press–fit a new rear axle outer bearing roller bearing outer race until it reaches the installation surface.
SST 09950–70010 (09951–07150), 09951–01000

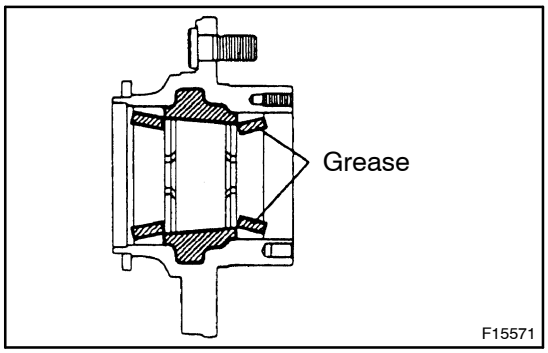
12. INSTALL REAR AXLE HUB INNER LH BEARING



13. INSTALL REAR AXLE SHAFT LH OIL SEAL

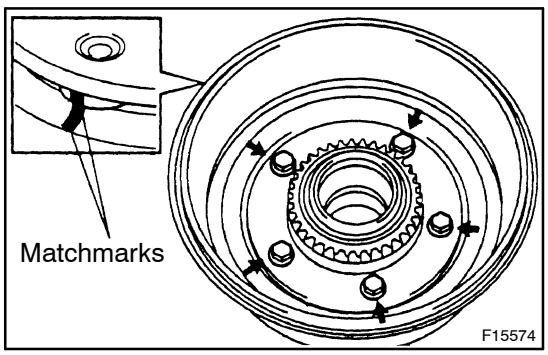
(a) Using SST and a press, press–fit a new oil seal to the end surface.
SST 09950–70010 (09951–07150), 09518–36030

NOTICE:
- **Press–fitting should be done slowly and evenly.**
- **Do not damage the oil seal.**



(b) Apply some MP grease into the illustrated portion of the axle hub.

NOTICE:
Different kinds of grease and foreign objects, such as trash, cause deterioration or burn–out of the grease. Be sure not to make them together.

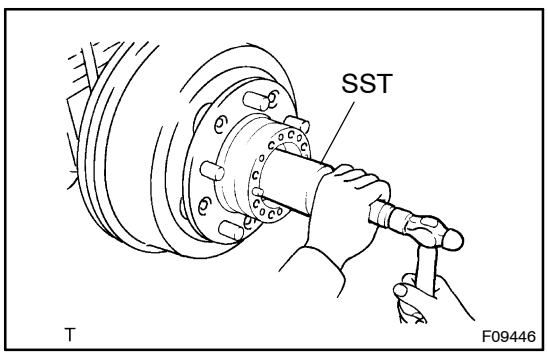


14. INSTALL REAR AXLE HUB LH

(a) Align the matchmarks and install the axle hub to the drum with the 5 bolts.
Torque: 160 N·m (1,630 kgf·cm, 118 ft·lbf)

15. INSTALL LH HUB (OR SHAFT) & BRAKE DRUM REAR AXLE

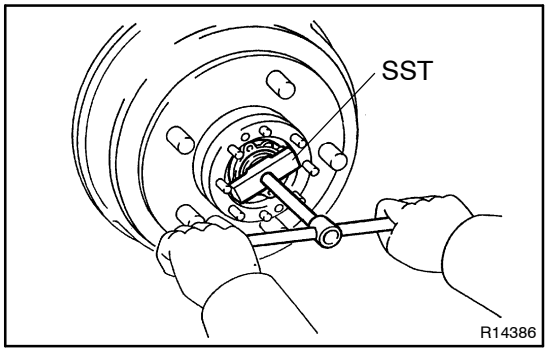
NOTICE:
Be careful not to damage the axle hub oil seal.



16. INSTALL REAR AXLE OUTER BEARING TAPERED ROLLER BEARING

(a) Using SST and a hammer, lightly tap in the outer bearing.
SST 09214–76011

NOTICE:
Be careful not to damage the bearing.



17. INSTALL REAR AXLE BEARING LOCK NUT

(a) Using SST, install the lock nut.

SST 09513–36020

Torque: 56 N·m (575 kgf·cm, 42 ft·lbf)

18. ADJUST PRELOAD (See page 30–2)

19. INSPECT AXLE HUB AXIAL PLAY (See page 30–2)

20. INSTALL REAR AXLE LOCK NUT PLATE

(a) Install the lock nut plate with the 2 screws.

Torque: 5.5 N·m (55 kgf·cm, 78 in.·lbf)

21. INSTALL REAR AXLE SHAFT LH OIL SEAL (See page 30–72)

22. INSTALL REAR AXLE SHAFT (See page 30–72)