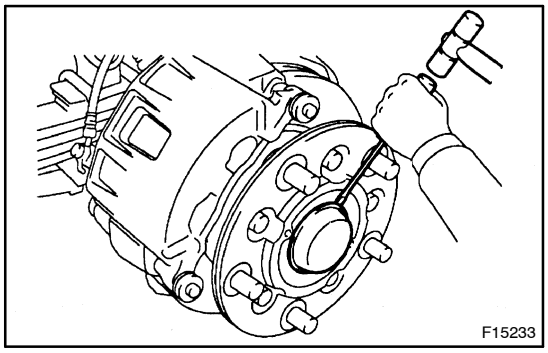
OVERHAUL

HINT:

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

1. **REMOVE FRONT WHEEL**
2. **REMOVE SKID CONTROL SENSOR (W/ SKID CONTROL)**
3. **REMOVE DISC BRAKE CYLINDER ASSY LH (See page 32–37)**

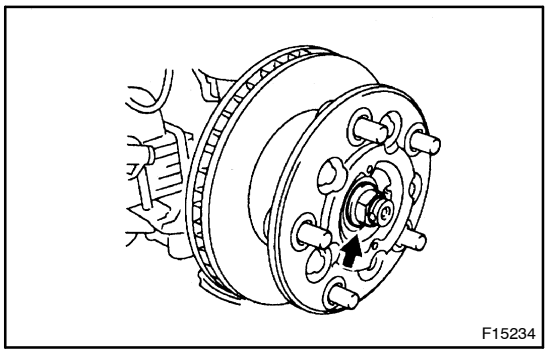


4. REMOVE FRONT AXLE HUB OUTER LH BEARING

(a) Using a screwdriver and hammer, remove the front hub grease cap by tapping the cap circumference.

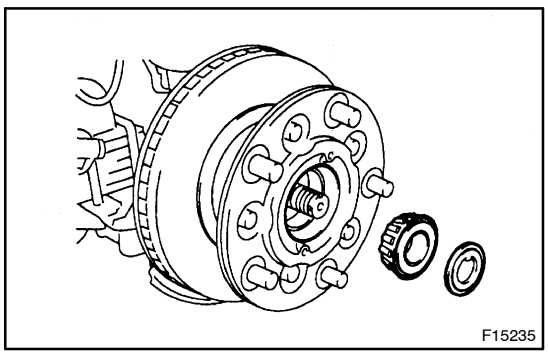
NOTICE:

If there is a notable deformation, replace the cap with a new one.



(b) Remove the cotter pin and lock cap.

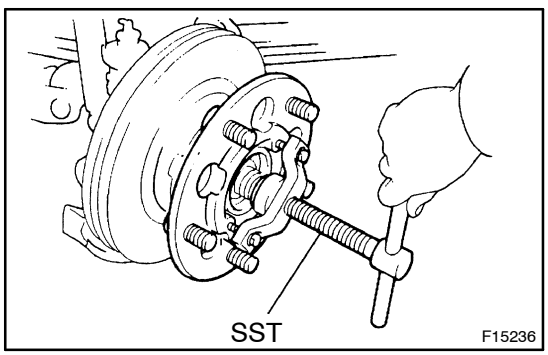
(c) Remove the lock nut.



(d) Remove the claw washer and outer bearing (inner race).

NOTICE:

Do not drop the bearing.

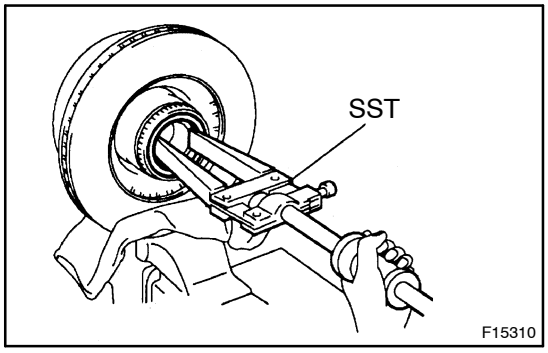


5. REMOVE FRONT AXLE HUB SUB–ASSY LH

NOTICE:

When the front axle hub with brake disc cannot be removed by hand, use SST to remove the front axle hub with disc.

SST 09510–36010

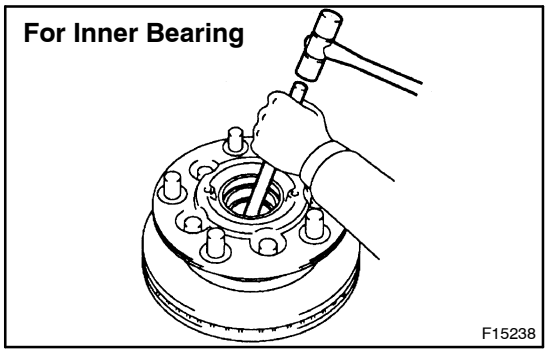


6. REMOVE FRONT AXLE HUB LH OIL SEAL

(a) Using a vice,fix the front axle hub with the front disc between the soft jaws and rags.

(b) Using SST, drive out the front axle hub oil seal.
SST 09308–00010

7. REMOVE FRONT AXLE HUB INNER LH BEARING



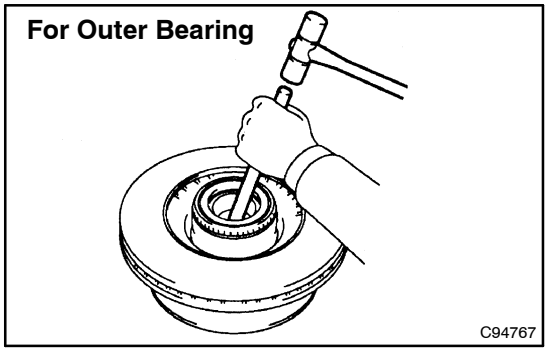
8. REMOVE BEARING OUTER RACE

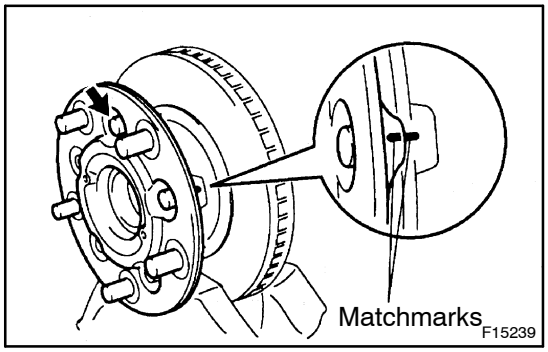
(a) Remove the grease from the axle hub.

(b) Using a brass bar and hammer, tap out the outer races.

NOTICE:

- **Apply the brass bar from the notch of the axle hub.**
- **Do not damage the front disc.**
- **Remove the bearing outer race only when replacing the bearing.**



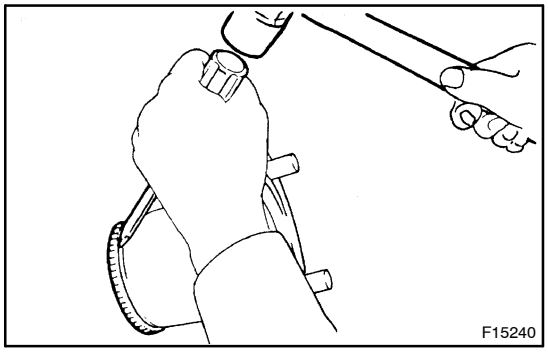


9. REMOVE FRONT DISC

(a) Using a vice, fix the front disc between the soft jaws and rags.

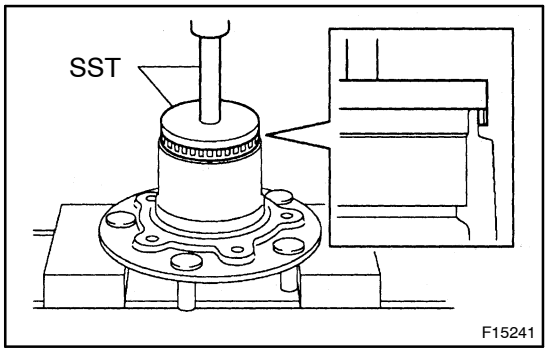
(b) Apply matchmarks to the front disc and the front axle hub.

(c) Remove the 5 bolts, and remove the front axle hub from the front disc.



10. REMOVE SKID CONTROL ROTOR FRONT (W/ SKID CONTROL)

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



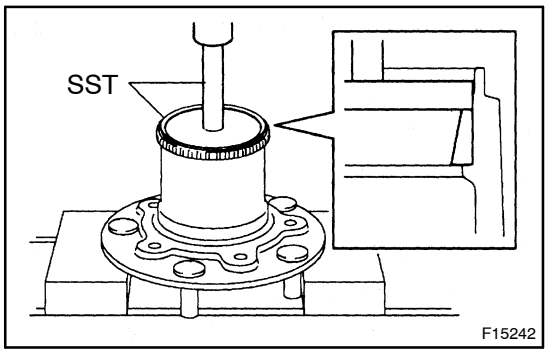
11. INSTALL SKID CONTROL ROTOR FRONT (W/ SKID CONTROL)

(a) Using SST and a press, press in the sensor rotor to the end surface.

NOTICE:

- **Press the sensor rotor slowly and uniformly.**
- **Do not damage the rotor.**

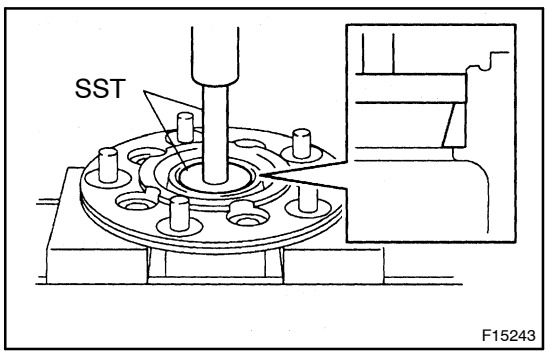
SST 09950–70010 (09951–07150)



12. INSTALL BEARING OUTER RACE

(a) Using SST and a press, press in a new outer race of the inner bearing until it comes into contact with the mounting surface.

SST 09951–00900, 09950–70010, (09951–07150)

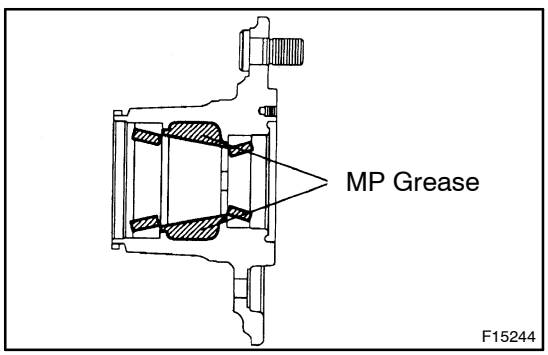


(b) Using SST and a press, press–fit a new outer race of the outer bearing until it comes into contact with the mounting surface.

SST 09950–60020 (09951–00720, 09950–00900) 09950–70010 (09951–07150)

NOTICE:

- **Press the outer race slowly and uniformly.**
- **Do not damage the outer race.**



(c) Fill MP grease as shown in the illustration.

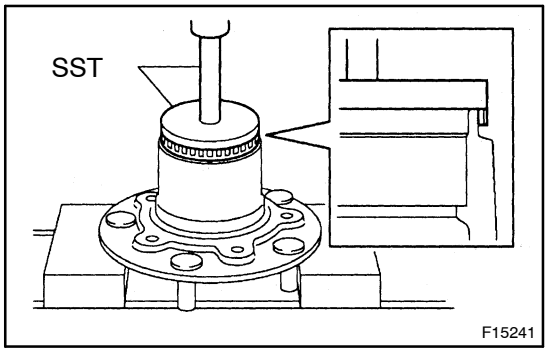
NOTICE:

Mixing of different types of grease and entry of dust into the grease should be avoided, because this can cause grease deterioration or seizure.

13. INSTALL FRONT AXLE HUB INNER LH BEARING

(a) Pack the MP grease into the bearing.

(b) Install a new bearing to the axle hub.



14. INSTALL FRONT AXLE HUB LH OIL SEAL

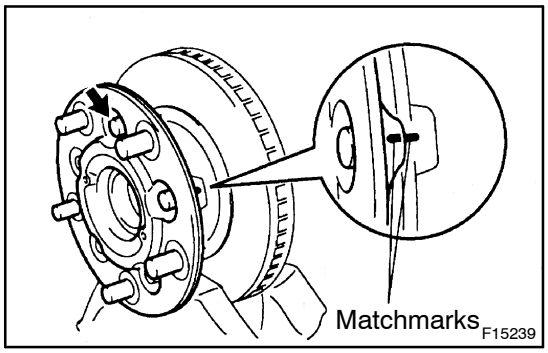
(a) Using SST and a press, press in a new hub oil seal to the end surface.

SST 09519–25010, 09950–70010 (09951–07150)

NOTICE:

- **Press the oil seal slowly.**
- **Do not damage the oil seal.**

(b) Apply MP grease to the oil seal.



15. INSTALL FRONT DISC

(a) Align the matchmarks of the brake disc and the front axle hub, and then install them with the 5 bolts.

Torque: 165 N·m (1,700 kgf·cm, 122 ft·lbf)

NOTICE:

Clean the mounting surfaces of the brake disc and axle hub before the installation.

16. INSTALL FRONT AXLE HUB SUB–ASSY LH

(a) Clean the spindle part of the steering knuckle and lightly apply MP grease.

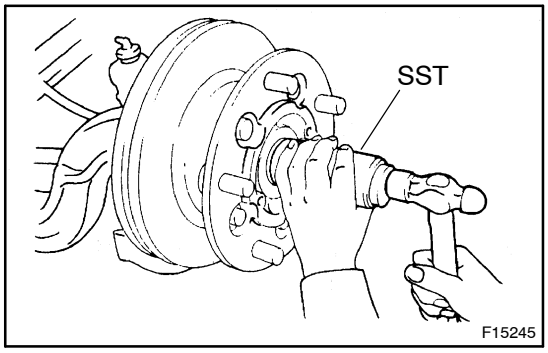
(b) Install the front axle hub with brake disc onto the steering knuckle.

NOTICE:

Do not damage the oil seal.

17. INSTALL FRONT AXLE HUB OUTER LH BEARING

(a) Install the outer bearing and claw washer.



If it is difficult to install the bearing, lightly tap the bearing with SST and hammer.

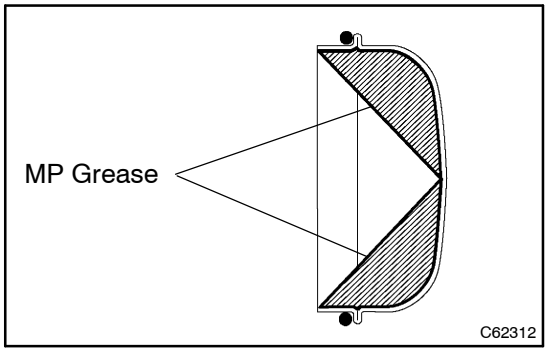
SST 09309–37010

(b) Install the bearing lock nut while turning the axle hub.

Torque: 108 N·m (1,100 kgf·cm, 80 ft·lbf)

18. ADJUST PRELOAD (See page 30–2)

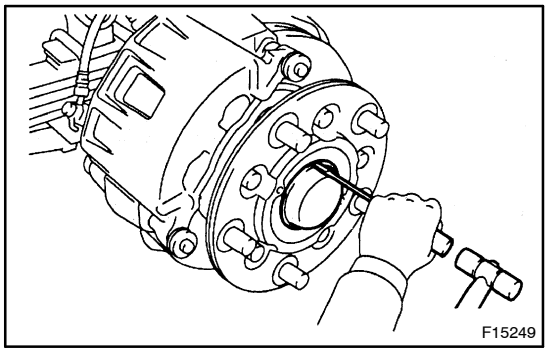
19. INSPECT AXLE HUB AXIAL PLAY (See page 30–2)



20. INSTALL FRONT AXLE HUB GREASE CAP LH

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

(b) Fill the grease cap with MP grease, as shown in the illustration.



(c) Using a screwdriver and hammer, install the front hub grease cap.

21. INSTALL DISC BRAKE CYLINDER ASSY LH (See page 32–37)

22. INSTALL SKID CONTROL SENSOR(W/ SKID CONTROL)

23. INSTALL FRONT WHEEL