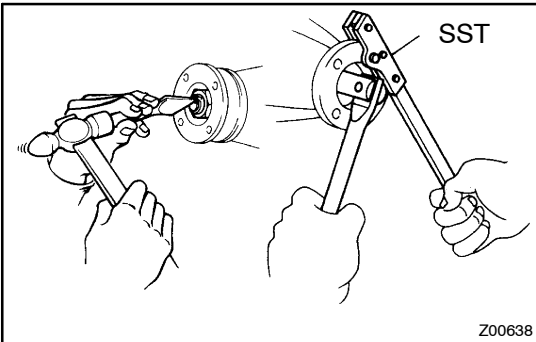
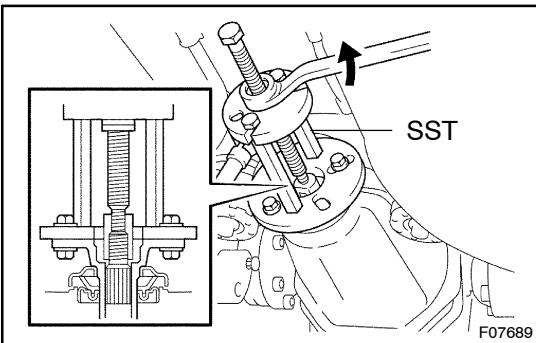


REPLACEMENT

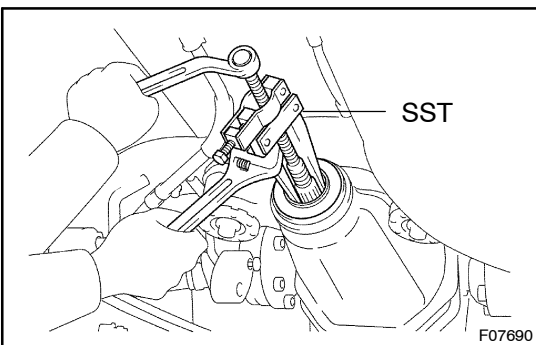
1. REMOVE NO. 1 REAR FLOOR BOARD
2. DRAIN DIFFERENTIAL OIL
3. REMOVE EXHAUST PIPE ASSEMBLY
4. 1G-FE Engine:
REMOVE PROPELLER SHAFT (See Pub. No. RM684E on page PR-1)
5. 2JZ-GE Engine:
REMOVE PROPELLER SHAFT (See page PR-3)



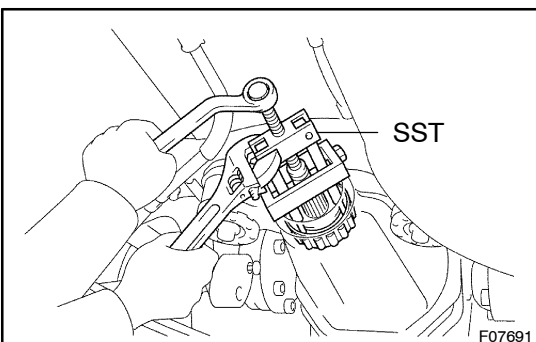
6. REMOVE COMPANION FLANGE
 - (a) Using a chisel and hammer, unseat the nut.
 - (b) Using SST to hold the flange, remove the nut.
SST 09330-00021



- (c) Using SST, remove the companion flange.
SST 09950-00012 (09951-03010, 09953-03010, 09954-03010, 09955-03030, 09956-03020)



7. REMOVE REAR DIFFERENTIAL FRONT OIL SEAL AND OIL SLINGER
 - (a) Using SST, remove the oil seal.
SST 09308-10010
 - (b) Remove the oil slinger.



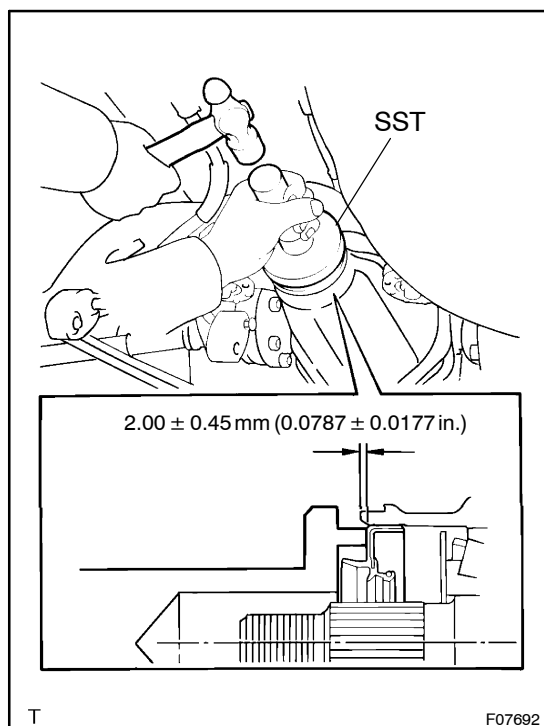
8. REMOVE FRONT BEARING AND BEARING SPACER
 - (a) Using SST, remove the front bearing from the drive pinion.
SST 09556-22010
 - (b) Remove the bearing spacer.

9. INSTALL BEARING SPACER, FRONT BEARING AND OIL SLINGER

Install a new bearing spacer, front bearing and oil slinger.

HINT:

- Install the bearing spacer with its larger diameter side facing the rearward.
- Install the oil slinger with the concave surface facing the bearing side.



10. INSTALL REAR DIFFERENTIAL FRONT OIL SEAL

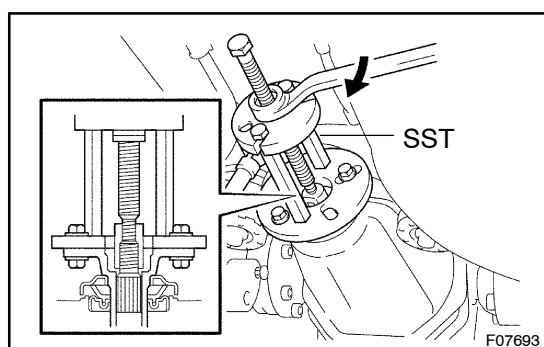
(a) Using SST and hammer, install a new oil seal.

SST 09554-30011

Oil seal drive in depth:

2.00 ± 0.45 mm (0.0787 ± 0.0177 in.)

(b) Coat MP grease to the oil seal lip.

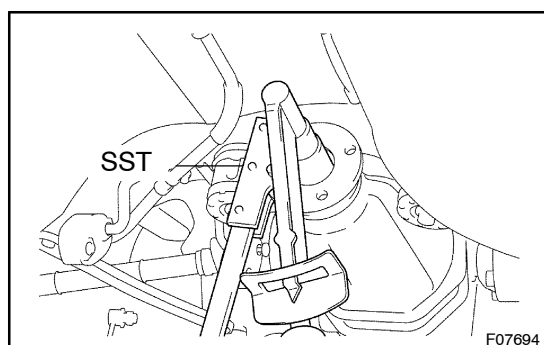


11. INSTALL COMPANION FLANGE

(a) Using SST, install the companion flange.

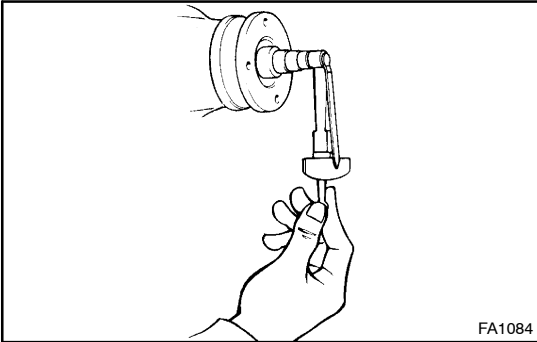
SST 09950-30012 (09951-03010, 09953-03010,
09954-03010, 09955-03030, 09956-03020)

(b) Coat the threads of a new nut with hypoid gear oil LSD.



(c) Using SST to hold the flange, torque the nut while checking the preload.

SST 09330-00021



12. ADJUST DRIVE PINION PRELOAD

Using a torque wrench, measure the drive pinion preload of the using the backlash between the drive pinion and ring gear.

Preload (at starting):

New bearing:

(1G-FE Engine)

1.3 - 1.9 N·m (13 - 19 kgf·cm, 12 - 17 in·lbf)

(2JZ-GE Engine)

0.98 - 1.57 N·m (10 - 16 kgf·cm, 8.7 - 13.9 in·lbf)

Reused bearing:

(1G-FE Engine)

0.4 - 0.7 N·m (4 - 7 kgf·cm, 3.5 - 6.2 in·lbf)

(2JZ-GE Engine)

0.49 - 0.78 N·m (5 - 8 kgf·cm, 4.3 - 6.9 in·lbf)

If the preload is greater than the specified value, replace the bearing spacer.

If the preload is less than the specified value, retighten the nut with a force of 13 N·m (130 kgf·cm, 9 ft·lbf) at a time until the specified preload is reached.

Torque: 223 N·m (2,274 kgf·cm, 164 ft·lbf) or less

If the maximum torque is exceeded while retighten the nut, replace the bearing spacer and repeat the preload procedure. Do not loosen the pinion nut to reduce the preload.

13. STAKE DRIVE PINION NUT

Using a chisel and hammer, stake the nut.

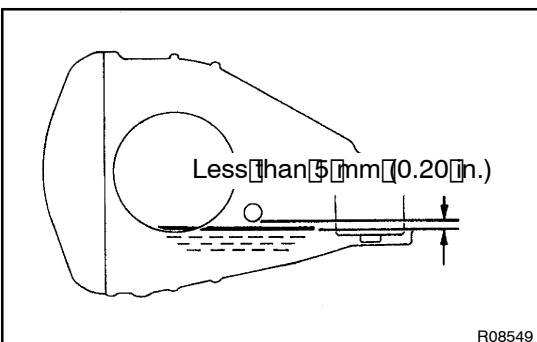
14. 1G-FE Engine:

INSTALL PROPELLER SHAFT (See Pub. No. RM684E on page PR-10)

15. 2JZ-GE Engine:

INSTALL PROPELLER SHAFT (See page PR-9)

16. INSTALL EXHAUST PIPE ASSEMBLY



17. FILL AND CHECK DIFFERENTIAL OIL LEVEL

Torque: 49 N·m (500 kgf·cm, 39 ft·lbf)

Oil grade: Hypoid gear oil API GL-5

Viscosity:

Above -18 °C (0 °F) SAE 90

Below -18 °C (0 °F) SAE 80W-90 or 80W

18. INSTALL NO. 1 REAR FLOOR BOARD