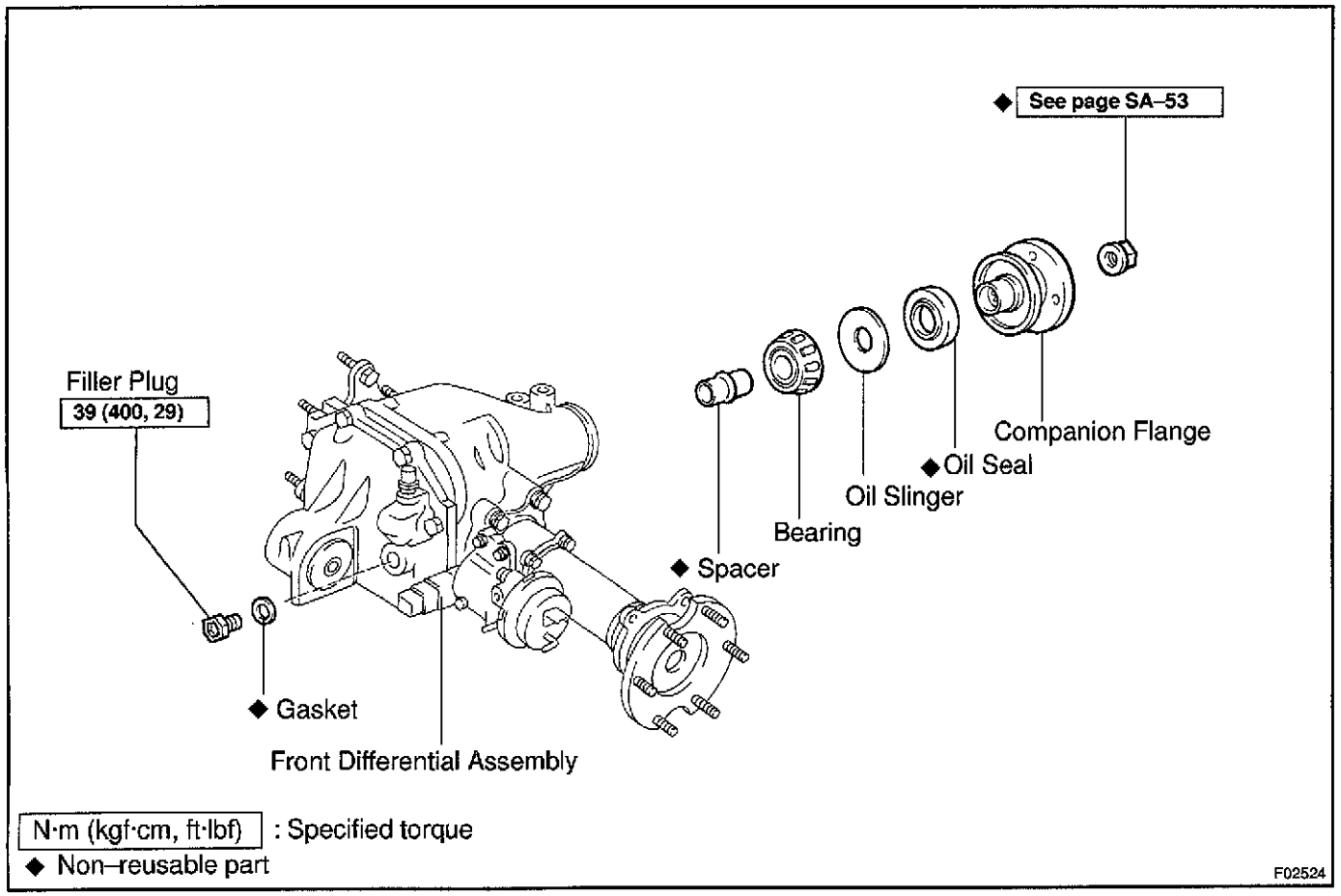
FRONT DIFFERENTIAL REAR OIL SEAL (4WD)

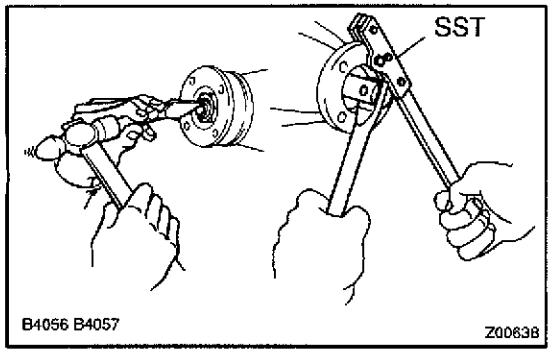
SA0M2–01

COMPONENTS



SA0MS-01

REPLACEMENT



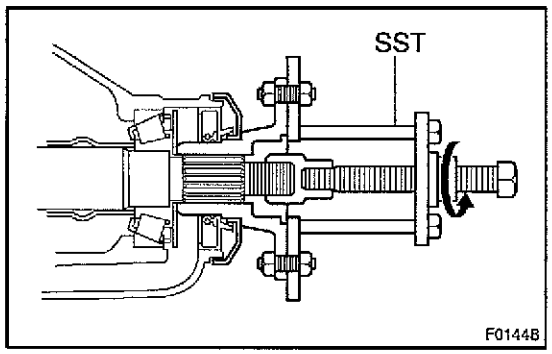
1. REMOVE ENGINE UNDER COVER

2. REMOVE FRONT PROPELLER SHAFT
(See page PR–11)

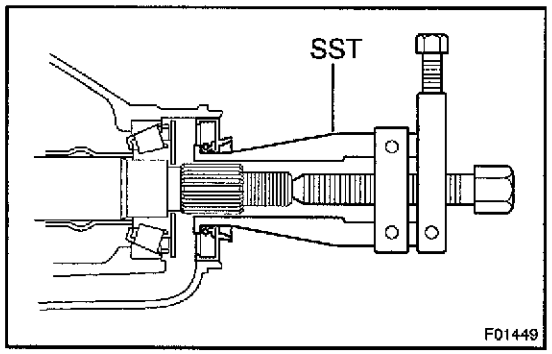
3. REMOVE COMPANION FLANGE

(a) Using a chisel and hammer, loosen the staked part of the nut.

(b) Using SST to hold the flange, remove the nut.
SST 09330–00021



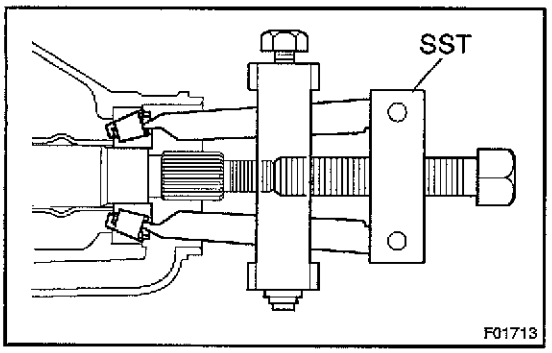
(c) Using SST, remove the companion flange.
SST 09950–30010 (09951–03010, 09953–03010, 09954–03010, 09955–03030, 09956–03020)



4. REMOVE OIL SEAL AND OIL SLINGER

(a) Using SST, remove the oil seal.
SST 09308–10010

(b) Remove the oil slinger.



5. REMOVE REAR BEARING AND BEARING SPACER

(a) Using SST, remove the rear bearing from the drive pinion.
SST 09556–30010

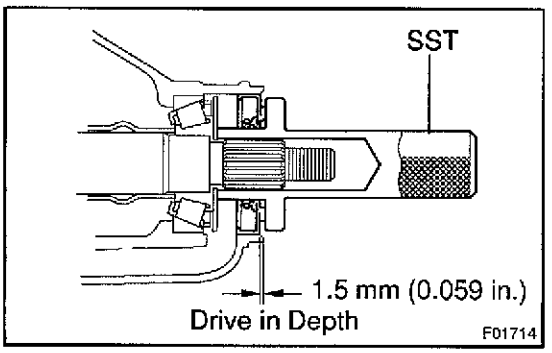
(b) Remove the bearing spacer.

6. INSTALL BEARING SPACER, REAR BEARING AND OIL SLINGER

(a) Install a new bearing spacer.

(b) Install the rear bearing.

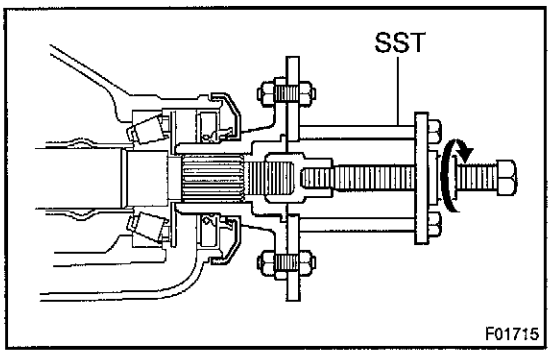
(c) Install the oil slinger.



7. INSTALL OIL SEAL

(a) Using SST and a hammer, install a new oil seal.
SST 09554–30011
Oil seal drive in depth: 1.5 mm (0.059 in.)

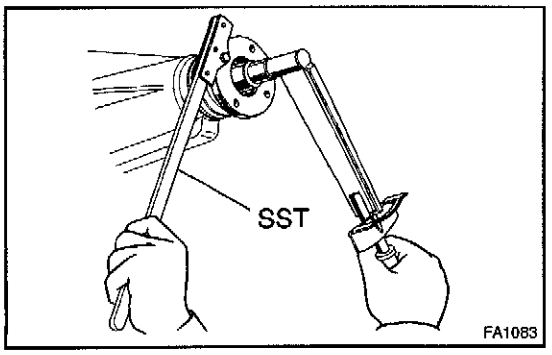
(b) Apply MP grease to the oil seal lip.



8. INSTALL COMPANION FLANGE

(a) Using SST, install the companion flange on the drive pinion.

SST 09950–30010 (09951–03010, 09953–03010, 09954–03010, 09955–03030, 09956–03020)



(b) Apply light coat of hypoid gear oil on threads of a new companion flange nut.

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

SST 09330–00021

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

9. ADJUST DRIVE PINION PRELOAD

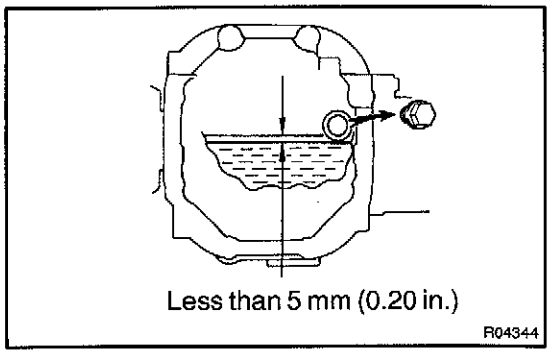
w/o A.D.D.: See page SA–64

w/ A.D.D.: See page SA–87

10. STAKE DRIVE PINION NUT

11. INSTALL FRONT PROPELLER SHAFT

(See page PR–17)



12. FILL DIFFERENTIAL WITH HYPOID GEAR OIL

Torque: 39 N·m (400 kgf·cm, 29 ft·lbf)

Oil type: Hypoid gear oil API GL–5

Recommended oil viscosity:

w/o A.D.D.: SAW 90

w/ A.D.D.: SAE 75W–90

Capacity:

w/o A.D.D.: 1.60 liters (1.69 US qts, 1.41 Imp. qts)

w/ A.D.D.: 1.86 liters (1.97 US qts, 1.64 Imp. qts)

13. INSTALL ENGINE UNDER COVER