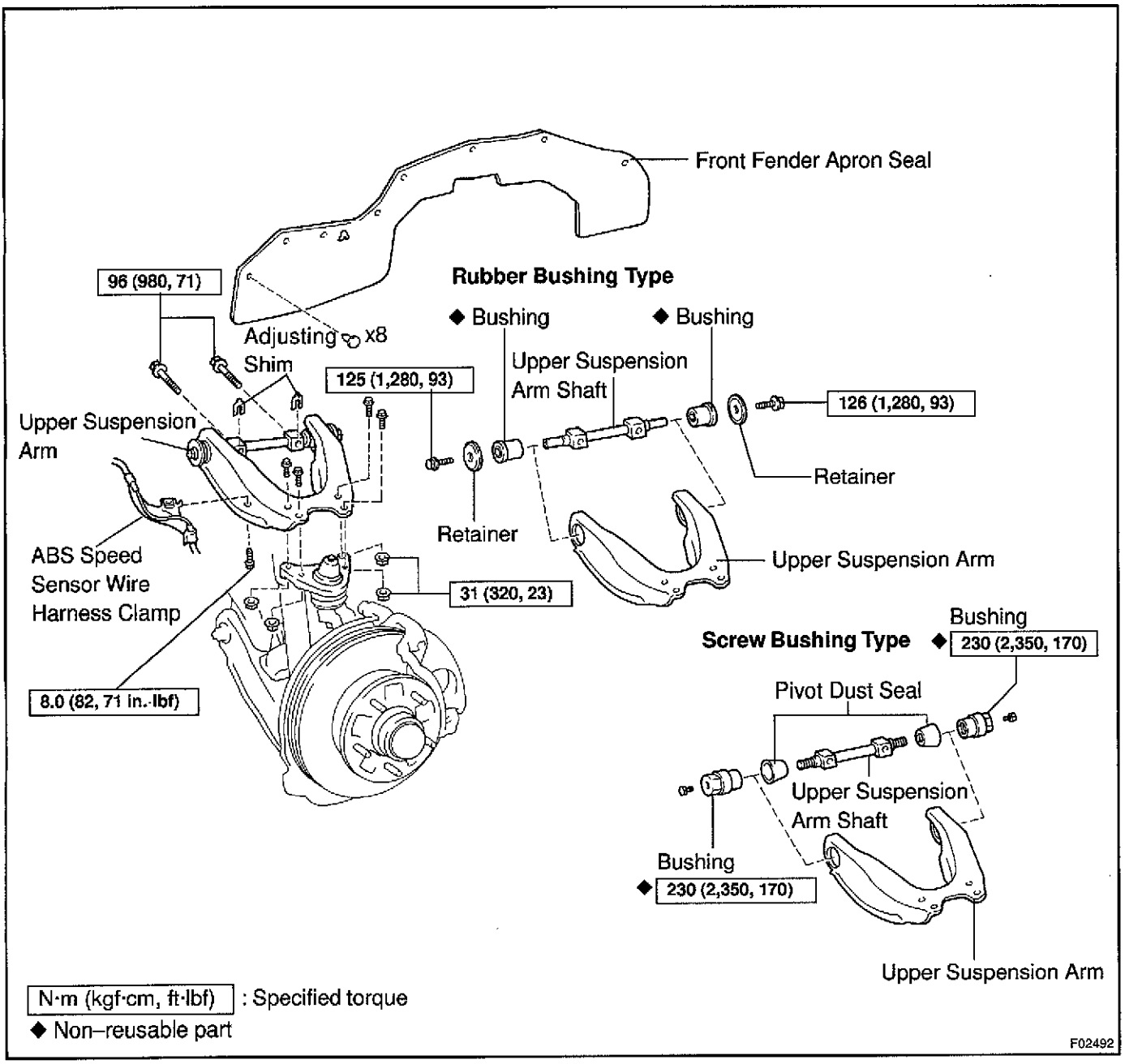
FRONT UPPER SUSPENSION ARM (2WD)

SA0N2-01

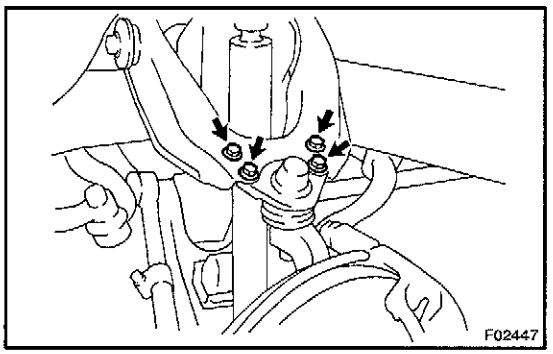
COMPONENTS



SADN3-01

REMOVAL

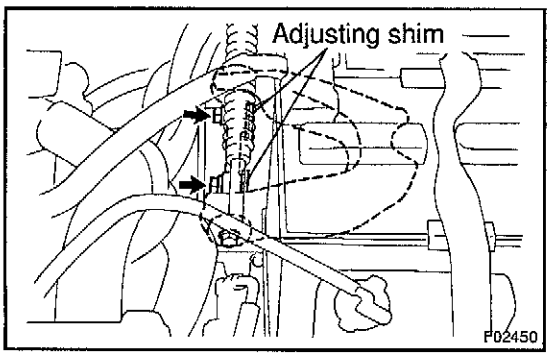
1. **REMOVE FRONT WHEEL**
   Torque:
   Australia:
   150 N·m (1,500 kgf·cm, 108 ft·lbf)
   Others:
   140 N·m (1,400 kgf·cm, 101 ft·lbf)
2. **REMOVE FRONT FENDER APRON SEAL**
3. **w/ ABS:**
   DISCONNECT ABS SPEED SENSOR WIRE HARNESS CLAMP FROM UPPER SUSPENSION ARM
   Torque: 8.0 N·m (82 kgf·cm, 71 in.·lbf)



4. **REMOVE UPPER BALL JOINT FROM UPPER SUSPENSION ARM**

(a) Support the lower suspension arm with a jack.

(b) Remove the 4 nuts and bolts, and disconnect the upper ball joint from the upper suspension arm.
Torque: 31 N·m (320 kgf·cm, 23 ft·lbf)



5. **REMOVE UPPER SUSPENSION ARM**

(a) Remove the 2 bolts and camber adjusting shims.
Torque: 96 N·m (980 kgf·cm, 71 ft·lbf)

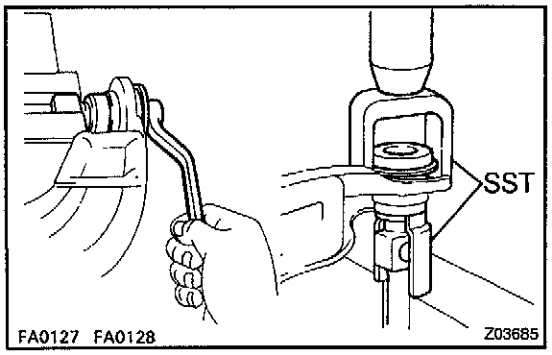
(b) Remove the upper suspension arm.

NOTICE:

- **Do not loose the camber adjusting shims. Record the position and the thickness of camber adjusting shims so that these can be reinstalled to their original locations.**
- **At the time of installation, install an equal number and thickness of shims in their original positions.**

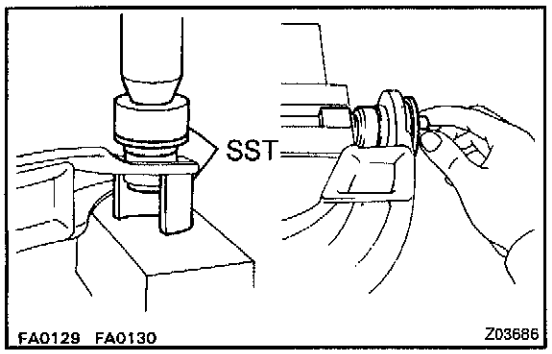
SA0N4–01

REPLACEMENT

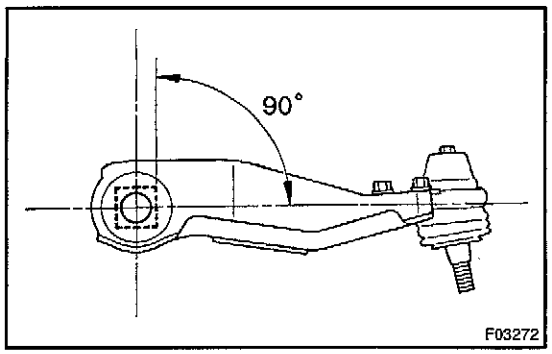


1. Rubber Bushing Type:
REPLACE BUSHING

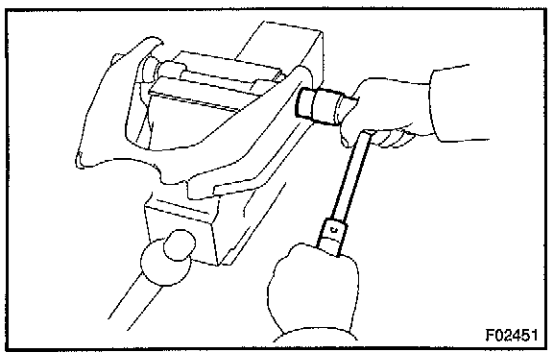
(a) Remove the 2 bushings.
(1) Remove the 2 bolts and retainers.
(2) Using SST, remove the 2 bushings and upper suspension arm shaft.
SST 09710–30021 (09710–03031, 09710–03041)



(b) Install 2 new bushings.
(1) Using SST, install 2 new bushings and upper suspension arm shaft.
SST 09710–30021 (09710–03051, 09710–03061)
(2) Install the retainers and finger tighten the bolts.

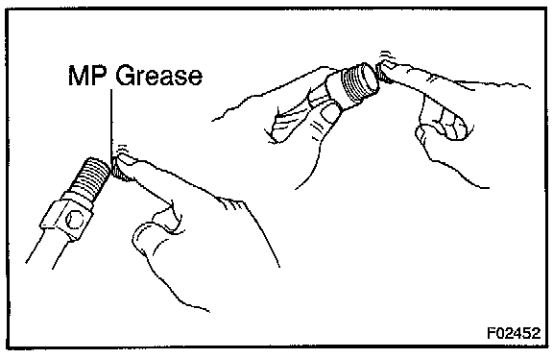


(c) Position the suspension arm shaft so that the frame installation surface is at 90° to the upper suspension arm as shown in the illustration, and torque the bolts.
Torque: 125 N·m (1,280 kgf·cm, 93 ft·lbf)

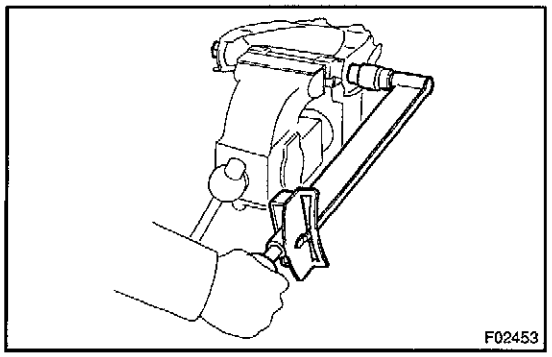


2. Screw Bushing Type:
REPLACE BUSHING

(a) Remove the 2 bushings.
Remove the 2 bolts, bushings, pivot dust seals and upper suspension arm shaft.

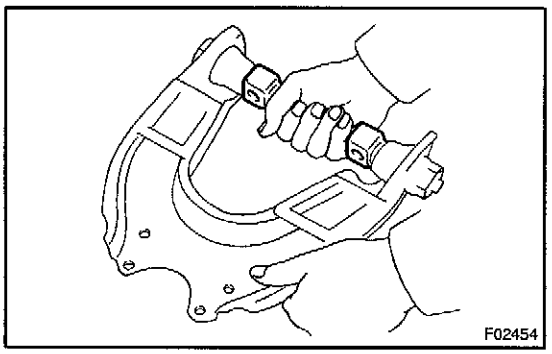


(b) Install 2 new bushings.
(1) Apply MP grease to the threads portion of the bushings and upper suspension arm shaft.



(2) Install 2 new bushings, pivot dust seals and upper suspension arm shaft.
(3) Tighten the bushings alternately by and an equal amount.

Torque: 230 N·m (2,350 kgf·cm, 170 ft·lbf)



(4) Check that the upper suspension arm shaft turns smoothly.

SA0N5–01

INSTALLATION

Installation is in the reverse order of removal (See page SA–125).
AFTER INSTALLATION, CHECK FRONT WHEEL ALIGNMENT (See page SA–8)