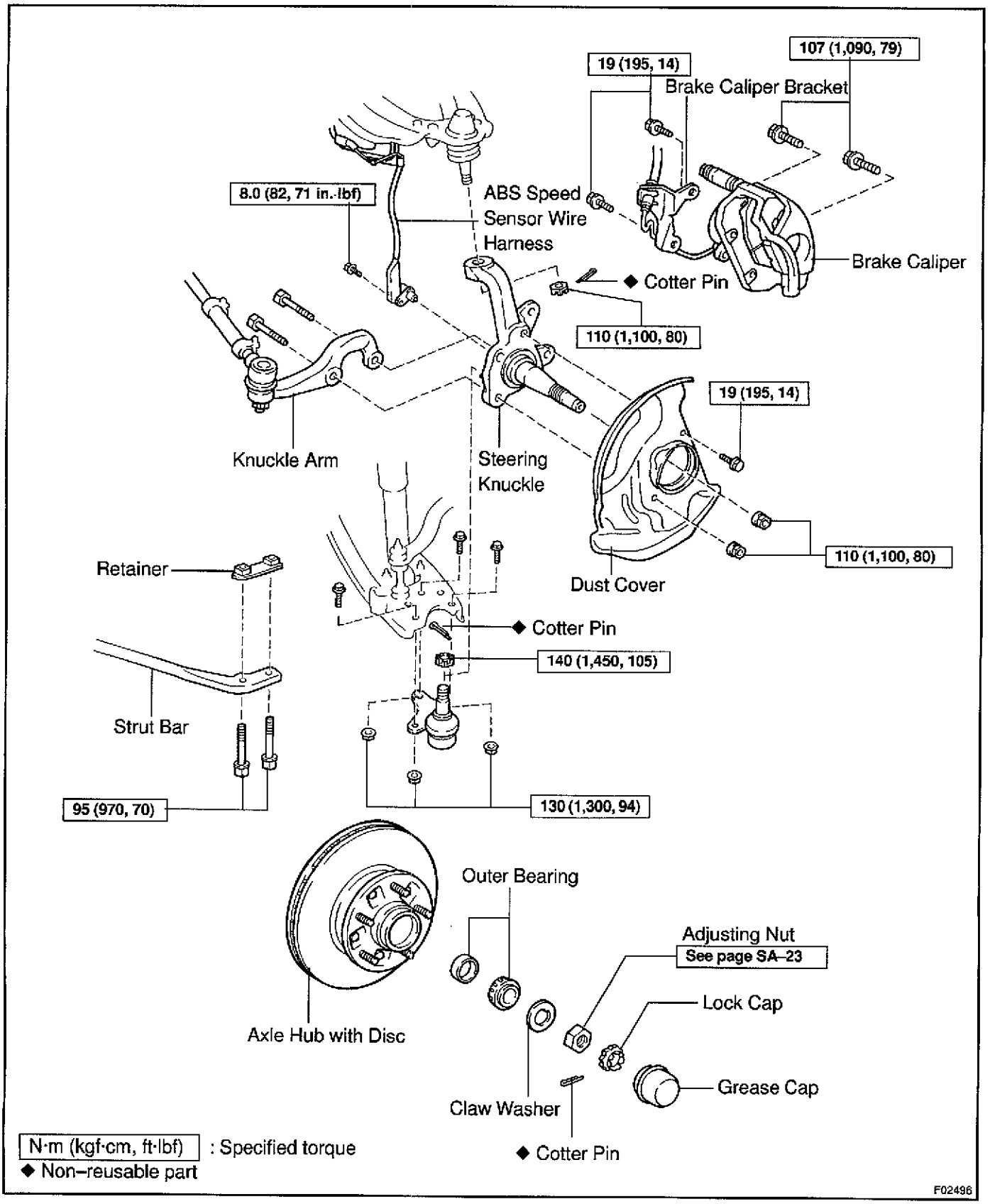
FRONT LOWER BALL JOINT (2WD)

COMPONENTS

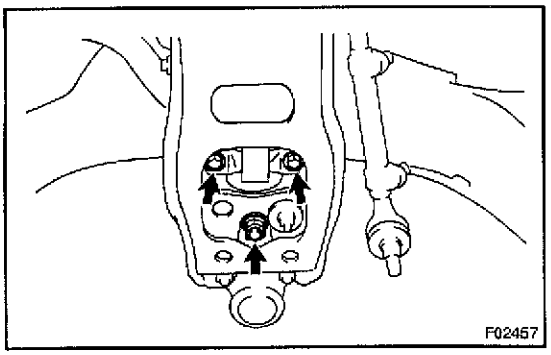
SA0NQ-01



SA0NR–01

REMOVAL

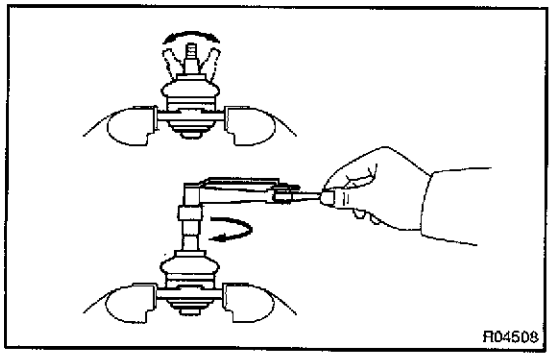
1. **REMOVE FRONT WHEEL**
   Torque:
   Australia Gasoline Engine:
   150 N·m (1,500 kgf·cm, 108 ft·lbf)
   Others:
   140 N·m (1,400 kgf·cm, 101 ft·lbf)
2. **REMOVE STEERING KNUCKLE (See page SA–18)**
3. **DISCONNECT STRUT BAR FROM LOWER SUSPENSION ARM (See page SA–122)**



4. **REMOVE LOWER BALL JOINT**

(a) Remove the 3 nuts.
Torque: 130 N·m (1,300 kgf·cm, 94 ft·lbf)

(b) Remove the lower ball joint from the lower suspension arm.



INSPECTION

SA0NS-01

INSPECT LOWER BALL JOINT FOR ROTATION CONDITION

(a) As shown in the illustration, flip the ball joint stud back and forth 5 times, before installing the nut.

(b) Using a torque wrench, turn the nut continuously taking 2 – 4 seconds par a turn and take the torque reading on the 5th turn.

Torque (turning):
0.5 – 4.9 N·m (5 – 50 kgf·cm, 4.0 – 43 in.·lbf)

SA0NT-01

INSTALLATION

Installation is in the reverse order of removal (See page SA–150).
AFTER INSTALLATION, CHECK ABS SPEED SENSOR SIGNAL (See page DI–52) AND FRONT WHEEL ALIGNMENT (See page SA–8)