FRONT LOWER BALL JOINT (4WD and PRERUNNER)

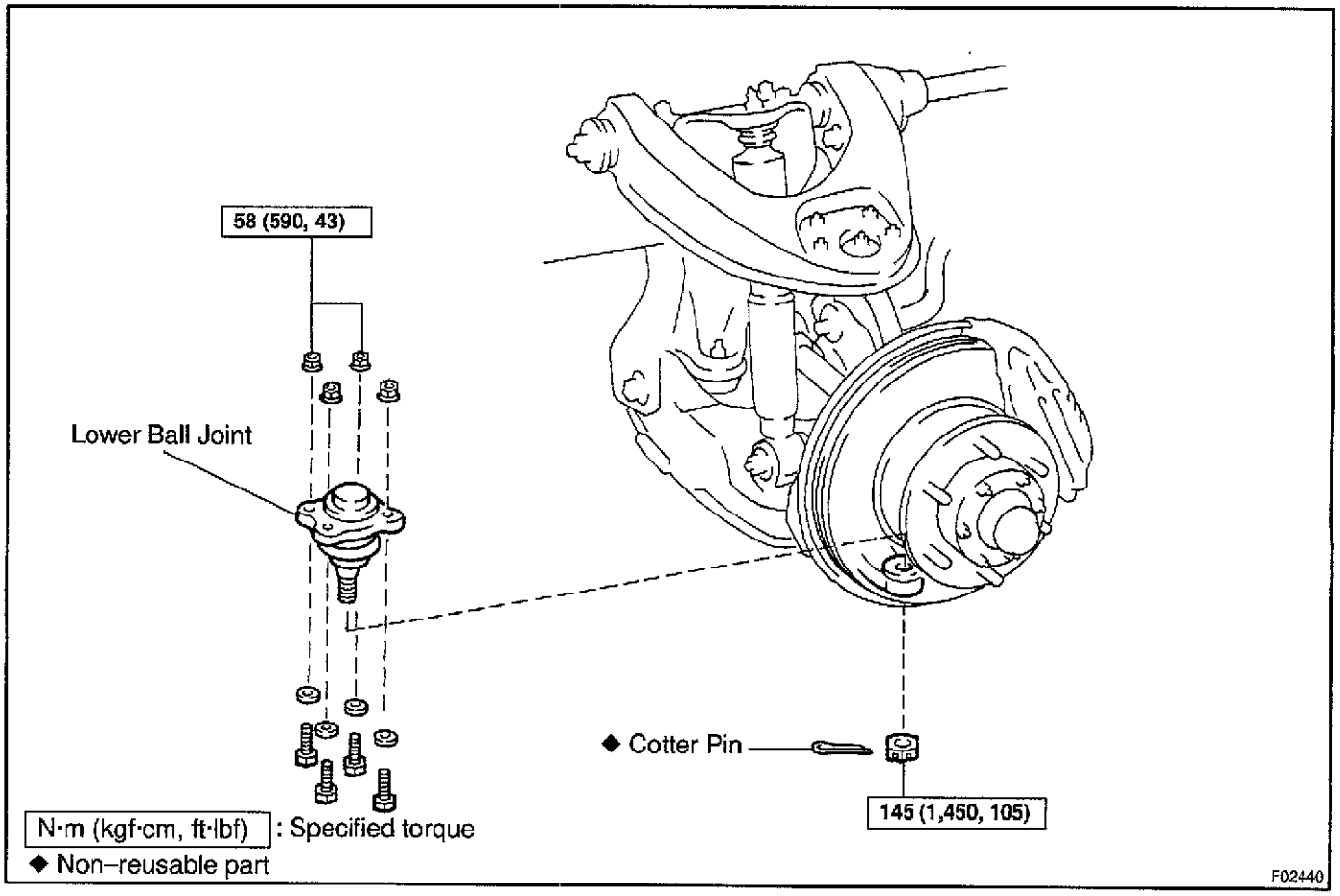
COMPONENTS

SA0NU-01

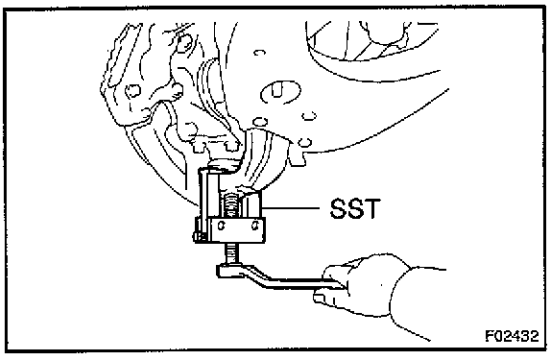
HINT:

Prerunner is the model described below.

RZN193L–PRMDK, LN191L–PRMDS



SA0NV-01



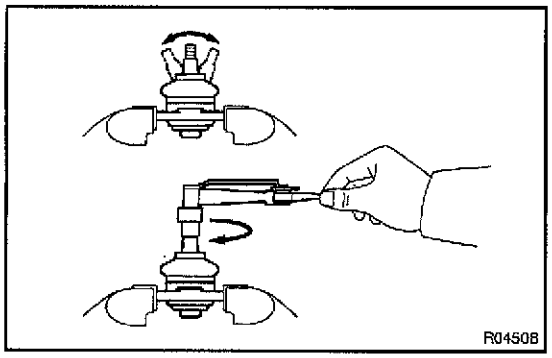
REMOVAL

1. **REMOVE FRONT WHEEL**
   Torque: 105 N·m (1,050 kgf·cm, 76 ft·lbf)
2. **REMOVE LOWER BALL JOINT**

(a) Remove the cotter pin and nut from the lower ball joint.
Torque: 145 N·m (1,450 kgf·cm, 105 ft·lbf)

(b) Using SST, disconnect the steering knuckle from the lower ball joint.
SST 09628–62011

(c) Remove the 4 nuts, bolts, washers and lower ball joint.
Torque: 58 N·m (590 kgf·cm, 43 ft·lbf)



SADNW-01

INSPECTION

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 per a turn and take the torque reading on the 5th turn.

Torque (turning):
2.9 – 5.9 N·m (30 – 60 kgf·cm, 26 – 52 in.·lbf)

SA0NX-01

INSTALLATION

Installation is in the reverse order of removal (See page SA–154).
AFTER INSTALLATION, CHECK FRONT WHEEL ALIGNMENT (See page SA–12)