SA1OL–01

INSTALLATION

1. INSTALL AXLE HUB TO STEERING KNUCKLE

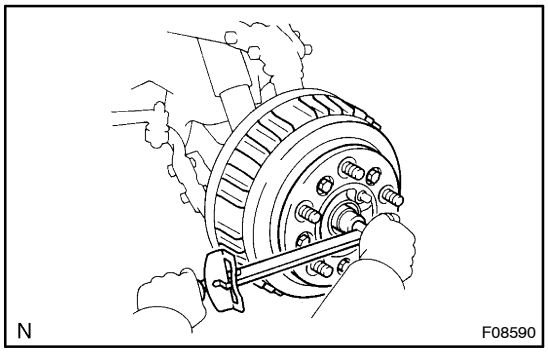
(a) Place the axle hub with drum/disc to the steering knuckle.

NOTICE:

Be careful not to damage the ABS speed sensor rotor (w/ ABS) and oil seal.

(b) Install the outer bearing.

(c) Install the claw washer.



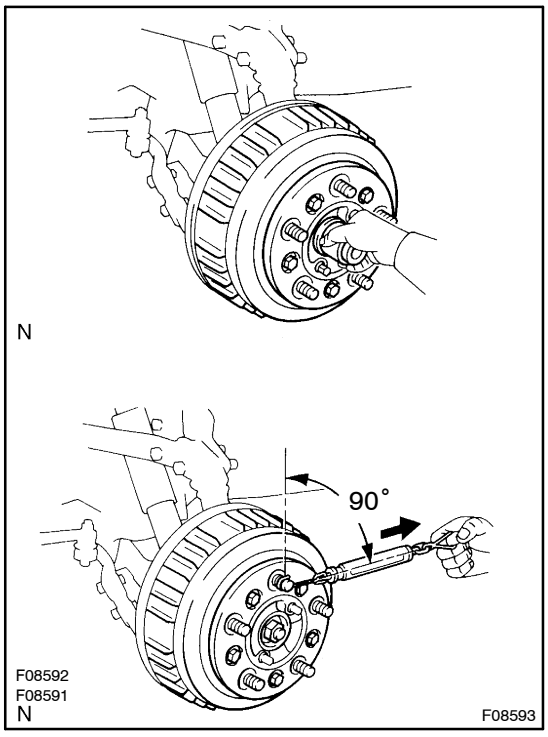
2. ADJUST PRELOAD

(a) Using socket wrench (35 mm), install the adjusting nut.
Torque: 108 N·m (1,100 kgf·cm, 80 ft·lbf)

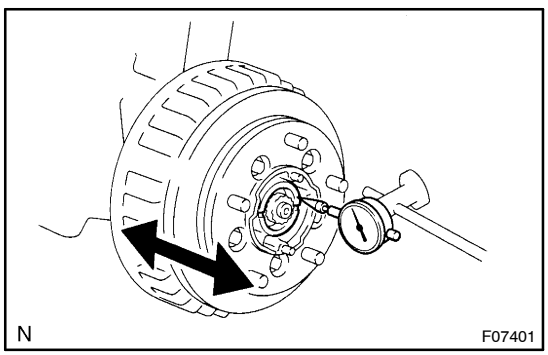
(b) Turn the axle hub several times to settle down the bearing.

(c) Retighten the adjusting nut.
Torque: 108 N·m (1,100 kgf·cm, 80 ft·lbf)

(d) Loosen the nut until it can be turn by hand.



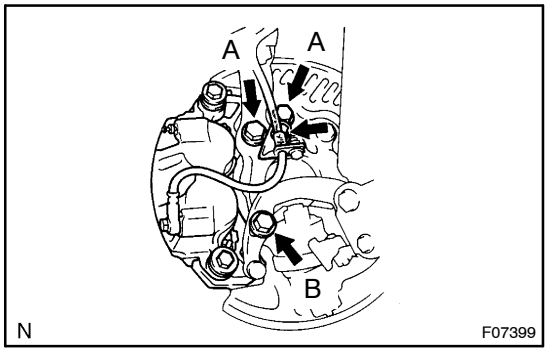
(e) Tighten the adjusting nut by hand and adjust the bearing preload with the spring tension gauge.
Preload (at rotating):
5 – 14 N (0.5 – 1.4 kgf, 1.1 – 3.1 lbf)



(f) Using a dial indicator, check the axial play near the center of the axle hub.
Maximum: 0.05 mm (0.0020 in.)

(g) Install the lock cap and a new cotter pin.

(h) Install the grease cap.



3. w/ Disc brake:
INSTALL BRAKE CALIPER

(a) Install the brake caliper and 3 bolts.
Torque:
A: 245 N·m (2,500 kgf·cm, 181 ft·lbf)
B: 265 N·m (2,700 kgf·cm, 195 ft·lbf)

(b) Install the flexible hose to the steering knuckle with the bolt.
Torque: 18 N·m (185 kgf·cm, 13 ft·lbf)

4. INSTALL FRONT WHEEL
Torque: 515 N·m (5,250 kgf·cm, 380 ft·lbf)