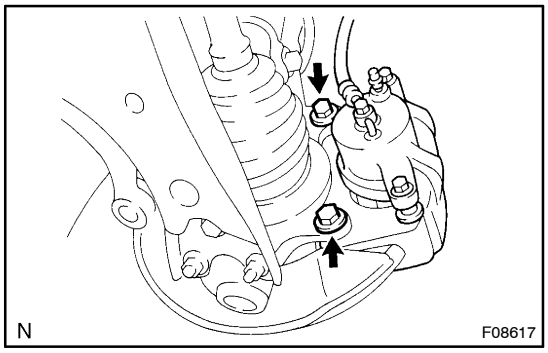
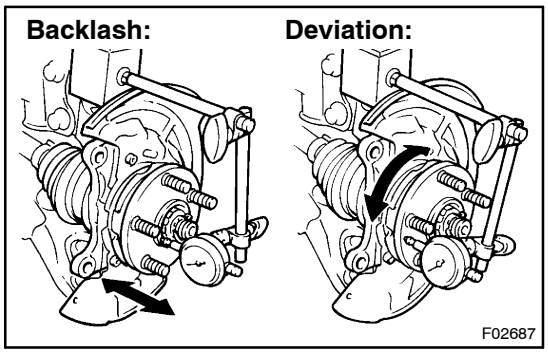
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REMOVAL

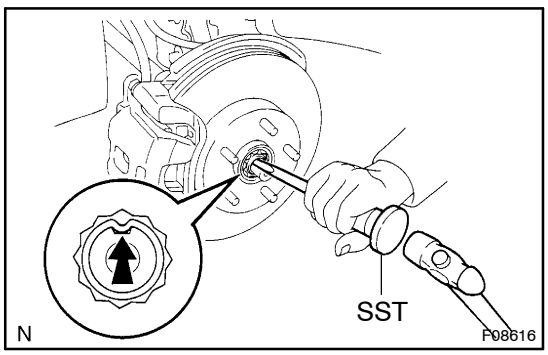
1. REMOVE FRONT WHEEL
Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)



2. CHECK BEARING BACKLASH AND AXLE HUB DEVIATION
(a) Remove the 2 bolts, brake caliper and disc.
(b) Support the brake caliper securely.

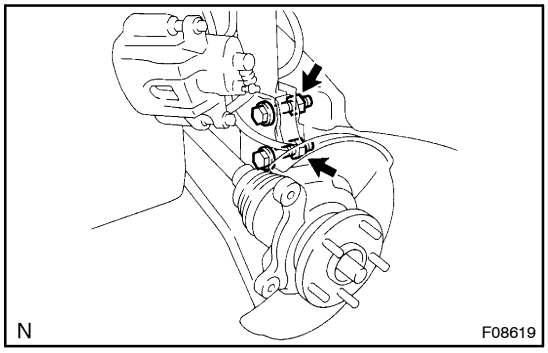


(c) Using a dial indicator, check the backlash near the center of the axle hub.
Maximum: 0.05 mm (0.0020 in.)
If the backlash exceeds the maximum, replace the bearing.
(d) Using a dial indicator, check the deviation at the surface of the axle hub outside the hub bolt.
Maximum: 0.07 mm (0.0028 in.)
If the deviation exceeds the maximum, replace the axle hub.
(e) Install the disc, 2 bolts and brake caliper.
Torque: 107 N·m (1,090 kgf·cm, 79 ft·lbf)



3. REMOVE DRIVE SHAFT LOCK NUT
(a) Using SST and a hammer, unstake the staked part of the lock nut.
SST 09930–00010
(b) While applying the brakes, remove the nut.
Torque: 216 N·m (2,200 kgf·cm, 159 ft·lbf)
(c) Remove the brake caliper and disc.
(d) Support the brake caliper securely.

4. w/ ABS:
REMOVE ABS SPEED SENSOR
Torque: 8.0 N·m (82 kgf·cm, 71 in.·lbf)



5. LOOSEN 2 NUTS ON LOWER SIDE OF SHOCK ABSORBER

Torque: 153 N·m (1,560 kgf·cm, 113 ft·lbf)

HINT:

Do not remove the 2 bolts and nuts.

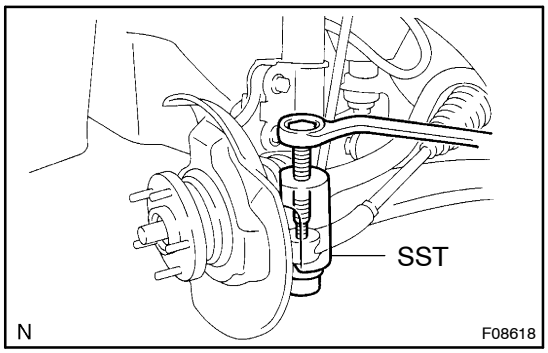
6. DISCONNECT TIE ROD END FROM STEERING KNUCKLE

(a) Remove the cotter pin and nut.

Torque: 49 N·m (500 kgf·cm, 36 ft·lbf)

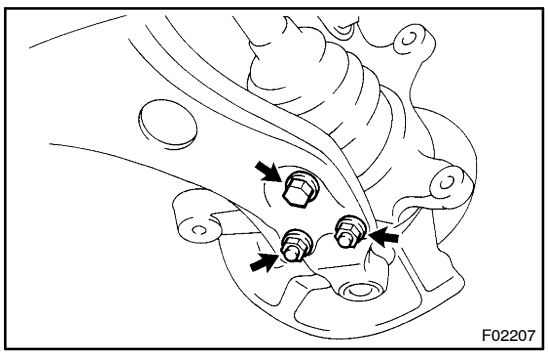
HINT:

At the time of installation, if the holes for a new cotter pin are not aligned, tighten the nut further up to 60°.



(b) Using SST, disconnect the tie rod end from the steering knuckle.

SST 09610–20012



7. DISCONNECT LOWER SUSPENSION ARM FROM LOWER BALL JOINT

Remove the 2 nuts and bolt.

Torque: 142 N·m (1,450 kgf·cm, 105 ft·lbf)

8. REMOVE STEERING KNUCKLE WITH AXLE HUB

(a) Remove the 2 bolts and nuts on the lower side of the shock absorber.

HINT:

At the time of installation, coat the nut's thread with engine oil.

(b) Remove the steering knuckle with the axle hub.

NOTICE:

Be careful not to damage the boot and ABS speed sensor rotor.