

REMOVAL

1. REMOVE FRONT WHEEL

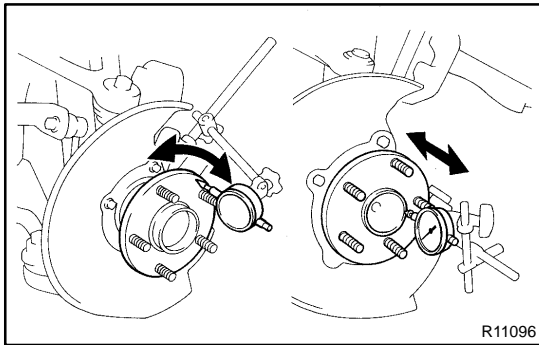
Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)

2. REMOVE FRONT BRAKE CALIPER AND DISC

- (a) Remove the 2 bolts and brake caliper from the steering knuckle.

Torque: 118 N·m (1,200 kgf·cm, 87 ft·lbf)

- (b) Support the brake caliper securely.
(c) Place matchmarks on the disc and axle hub.
(d) Remove the 2 screws and disc.



3. CHECK BEARING BACKLASH AND AXLE HUB DEVIATION

- (a) Using a dial indicator near the center of the axle hub and check the backlash in the bearing shaft direction.

Maximum: 0.05 mm (0.0020 in.)

If the backlash exceeds the maximum, replace the bearing.

- (b) Using a dial indicator, check the deviation at the surface of the axle hub outside the hub bolt.

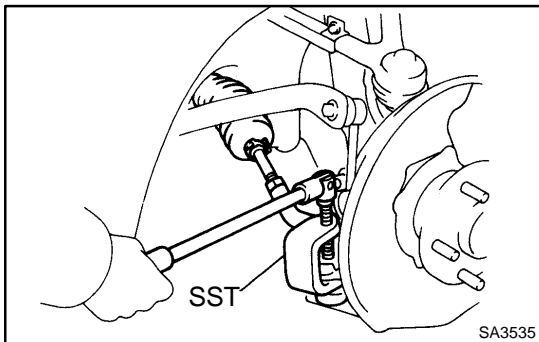
Maximum: 0.05 mm (0.0020 in.)

If the deviation exceeds the maximum, replace the axle hub.

4. REMOVE ABS SPEED SENSOR FROM STEERING KNUCKLE

Remove the bolt, and disconnect the sensor from the steering knuckle.

Torque: 7.8 N·m (80 kgf·cm, 69 in.-lbf)



5. DISCONNECT TIE ROD END FROM STEERING KNUCKLE

- (a) Remove the cotter pin and nut.

Torque: 65 N·m (660 kgf·cm, 48 ft·lbf)

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

SST 09628-10011

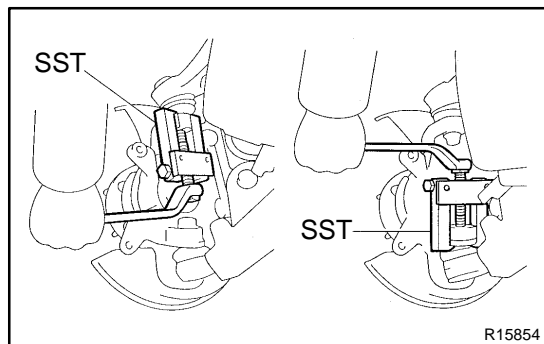
6. REMOVE STEERING KNUCKLE

- (a) Remove the upper side of the cotter pin and nut.

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

- (b) Remove the lower side of the clip and nut.

Torque: 125 N·m (1,270 kgf·cm, 92 ft·lbf)



- (c) Using SST, remove the steering knuckle from the upper and lower suspension arms.

SST 09628-62011