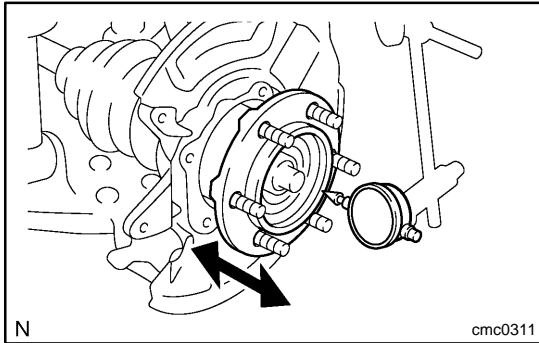


## REMOVAL

### 1. REMOVE FRONT WHEEL

### 2. REMOVE GREASE CAP

Using a screwdriver and hammer, remove the grease cap.

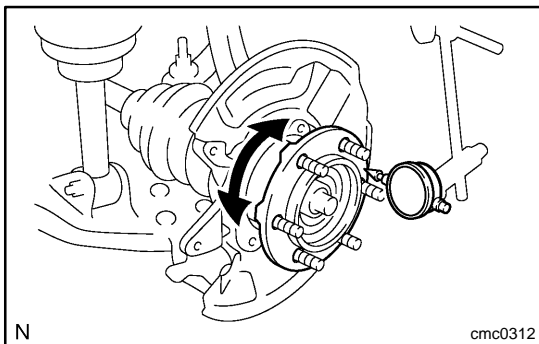


### 3. INSPECT FRONT AXLE HUB BEARING

- (a) Remove the front disc brake caliper.
- (b) Remove the front disc.
- (c) Inspect the axle hub backlash.
  - (1) 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.



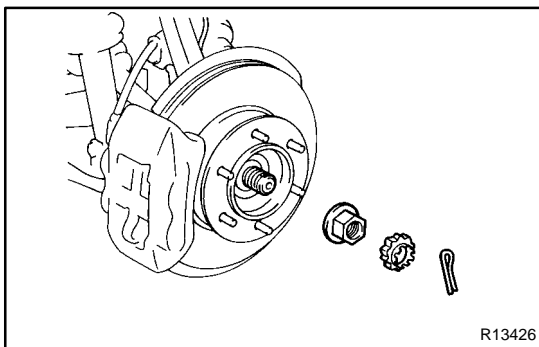
- (d) Inspect the axle hub deviation.
  - (1) Using a dial indicator, check the deviation at the surface of the axle hub.

**Maximum: 0.05 mm (0.0020 in.)**

If the deviation exceeds the maximum, replace the bearing.

- (e) Install the front disc.
- (f) Install the front disc brake caliper.
  - (1) Install the brake caliper and 2 bolts.

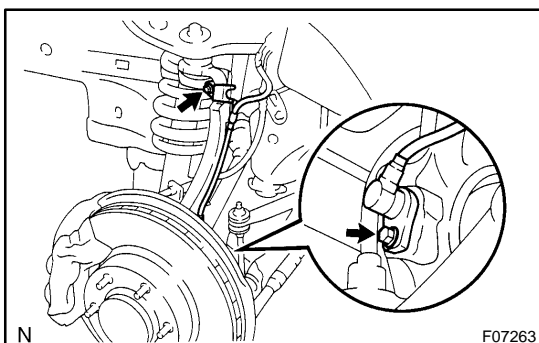
**Torque: 123 N·m (1,250 kgf·cm, 90 ft·lbf)**



### 4. 4WD:

#### DISCONNECT DRIVE SHAFT

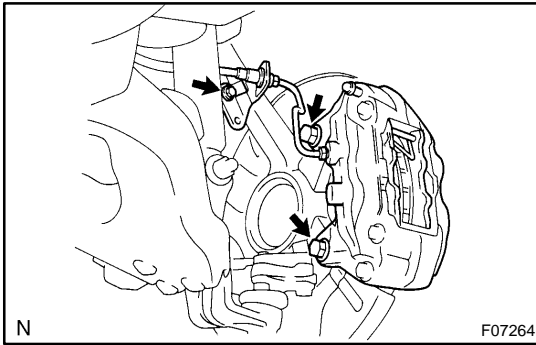
- (a) Remove the cotter pin and lock cap.
- (b) While applying the brakes, remove the lock nut.



### 5. w/ ABS:

#### DISCONNECT ABS SPEED SENSOR AND WIRE HARNESS CLAMP FROM STEERING KNUCKLE

Remove the 2 bolts and disconnect the ABS speed sensor and wire harness clamp from the steering knuckle.



## 6. REMOVE BRAKE CALIPER AND DISC

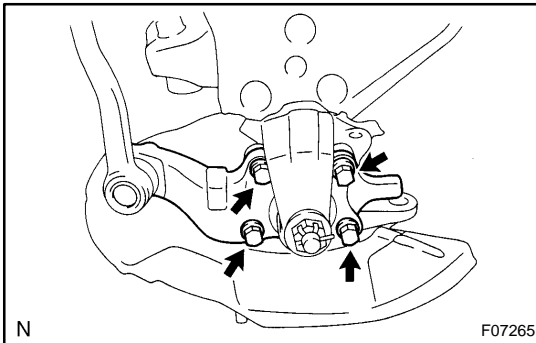
- (a) Remove the bolt and brake line clamp from the steering knuckle.
- (b) Remove the 2 bolts, brake caliper and disc.

### NOTICE:

**Do not damage the brake tube.**

- (c) Support the brake caliper securely.

## 7. REMOVE SHOCK ABSORBER (See page SA-63)

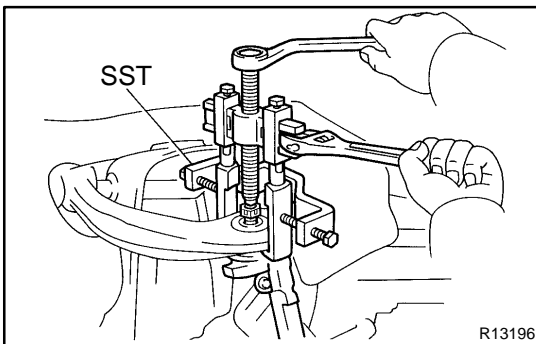


## 8. DISCONNECT LOWER BALL JOINT WITH LOWER BALL JOINT DUST COVER PROTECTOR

Remove the 4 bolts and disconnect the lower ball joint with lower ball joint dust cover protector.

## 9. REMOVE STEERING KNUCKLE

- (a) Remove the cotter pin and loosen the nut.



- (b) Using SST, disconnect the steering knuckle.

SST 09950-40011 (09951-04010, 09952-04010, 09553-04020, 09554-04010, 09955-04031, 09958-04011)

- (c) Remove the nut and steering knuckle.

### NOTICE:

#### 4WD:

**Be careful not to damage the oil seal and drive shaft boot.**

#### HINT:

#### 4WD:

When it is difficult to disconnect the drive shaft, tap the tip of the drive shaft with a plastic hammer.