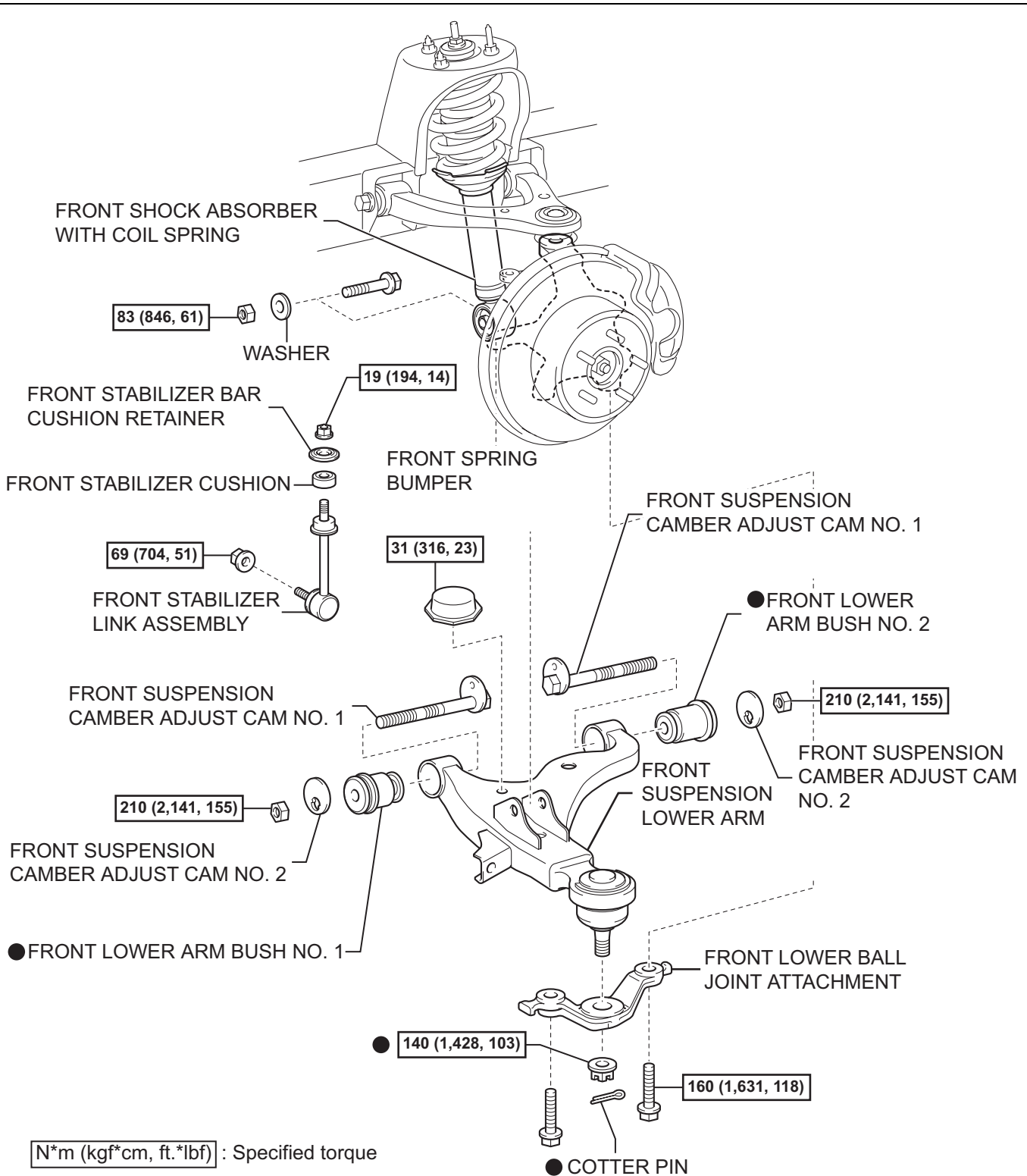


# FRONT LOWER SUSPENSION ARM (for 2WD)

## COMPONENTS



## REMOVAL

### 1. REMOVE FRONT WHEEL

### 2. INSPECT FRONT SUSPENSION LOWER ARM

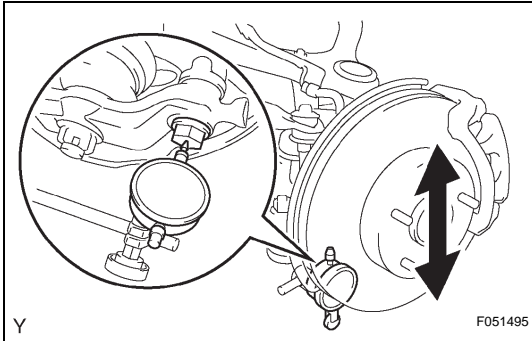
- Install the hub nuts onto the disc.
- Using a dial indicator, check the lower ball joint for excessive play when you push the hub nuts up and down with a force of 294 N (30 kgf, 66 lbf).

**Maximum:**

**0.5 mm (0.020 in.)**

**HINT:**

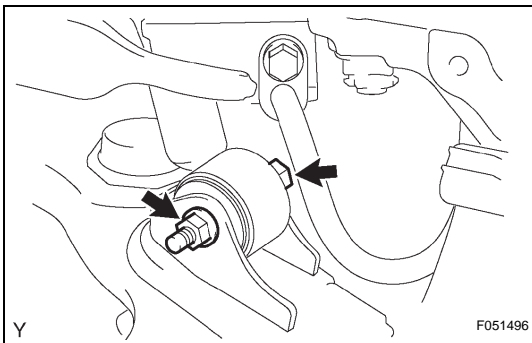
If it is not within the specification, replace the lower arm.



### 3. REMOVE FRONT STABILIZER LINK ASSEMBLY (See page SP-47)

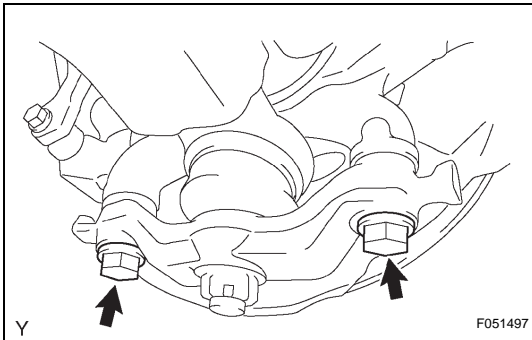
### 4. SEPARATE FRONT SHOCK ABSORBER WITH COIL SPRING

- Remove the bolt, nut and washer.
- Separate the front shock absorber with coil spring from the suspension lower arm.

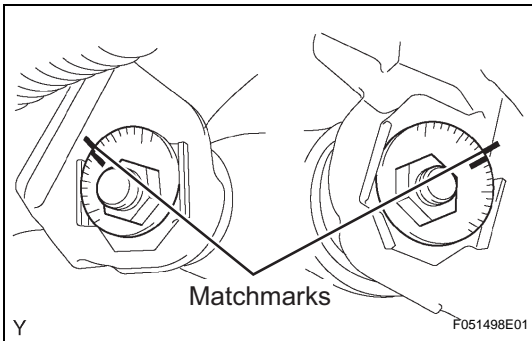


### 5. REMOVE FRONT SUSPENSION LOWER ARM

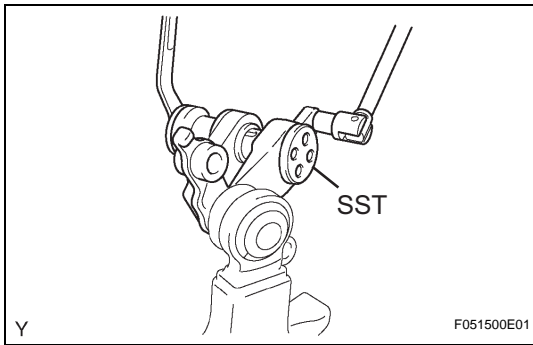
- Remove the 2 bolts, and separate the front lower ball joint attachment from the front axle.



- Place matchmarks on the camber adjust cam No. 2.
- Remove the 2 nuts, 2 No. 2 camber adjust cams, 2 No. 1 camber adjust cams and front suspension lower arm.

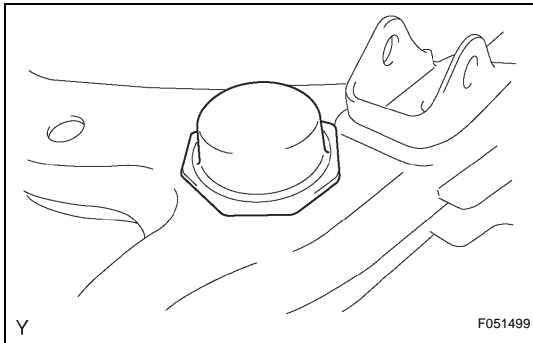


Matchmarks



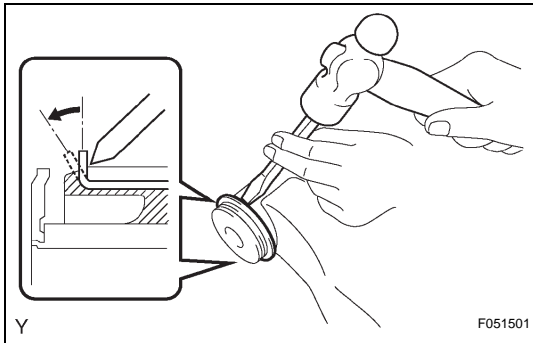
- (d) Remove the cotter pin and nut.
- (e) Using SST, remove the front lower ball joint attachment.

**SST 09628-00011**



## 6. REMOVE FRONT SPRING BUMPER

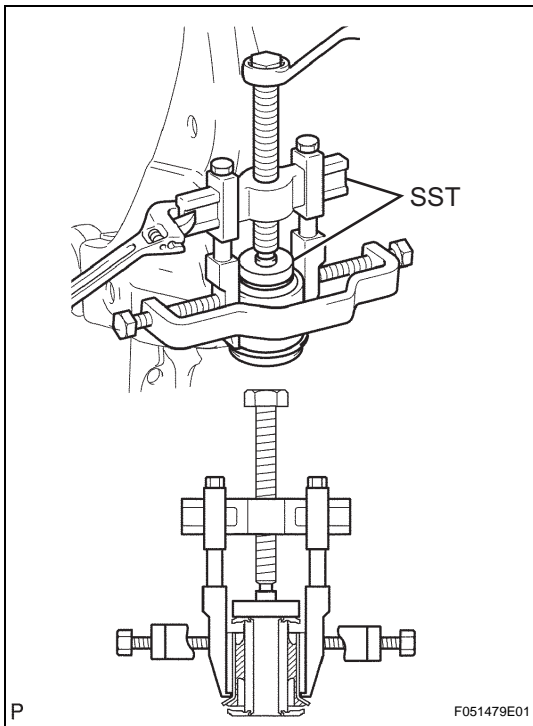
- (a) Remove the front spring bumper.



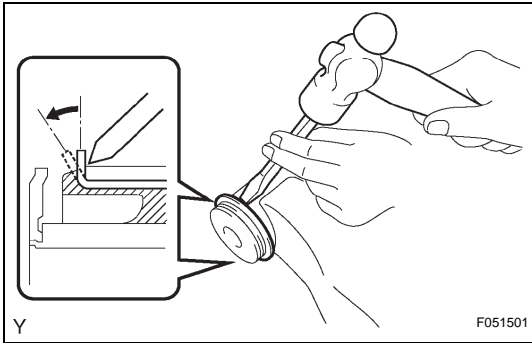
## DISASSEMBLY

### 1. REMOVE FRONT LOWER ARM BUSH NO. 1

- (a) Using a hammer and chisel, raise the flange of the bush diagonally as shown in the illustration.

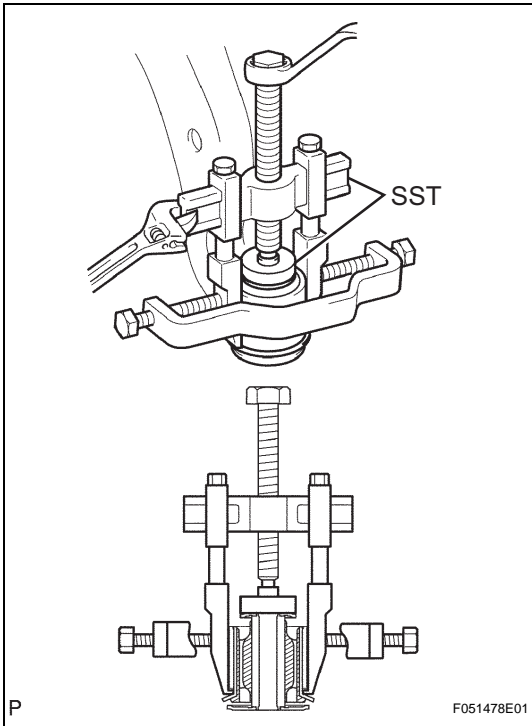


- (b) Using SST, remove the lower arm bush.  
**SST 09950-40011 (09951-04010, 09952-04010, 09953-04020, 09954-04010, 09955-04011, 09957-04010, 09958-04011), 09950-60010 (09951-00450)**



## 2. REMOVE FRONT LOWER ARM BUSH NO. 2

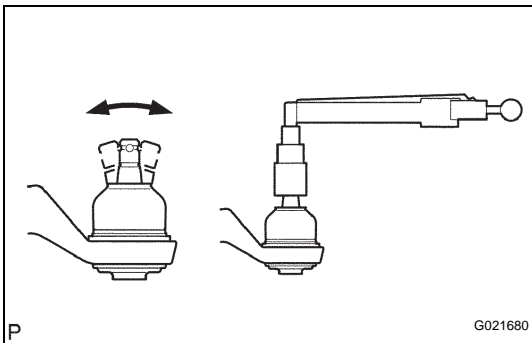
- (a) Using a hammer and chisel, raise the flange of the bush diagonally as shown in the illustration.



- (b) Using SST, remove the lower arm bush.

**SST** 09950-40011 (09951-04010, 09952-04010, 09953-04020, 09954-04010, 09955-04011, 09957-04010, 09958-04011), 09950-60010 (09951-00450)

SP



## INSPECTION

### 1. INSPECT FRONT SUSPENSION LOWER ARM

- (a) Flip the ball joint stud back and forth 5 times, as shown in the illustration, before installing the nut.
- (b) Using a torque wrench, turn the nut continuously at a rate of 2 to 4 seconds per turn and take the torque reading on the 5th turn.

**Torque: 3.0 N\*m (31 kgf\*cm, 27 in.\*lbf) or less**

- (c) Check for any cracks and grease leakage on the ball joint dust cover.