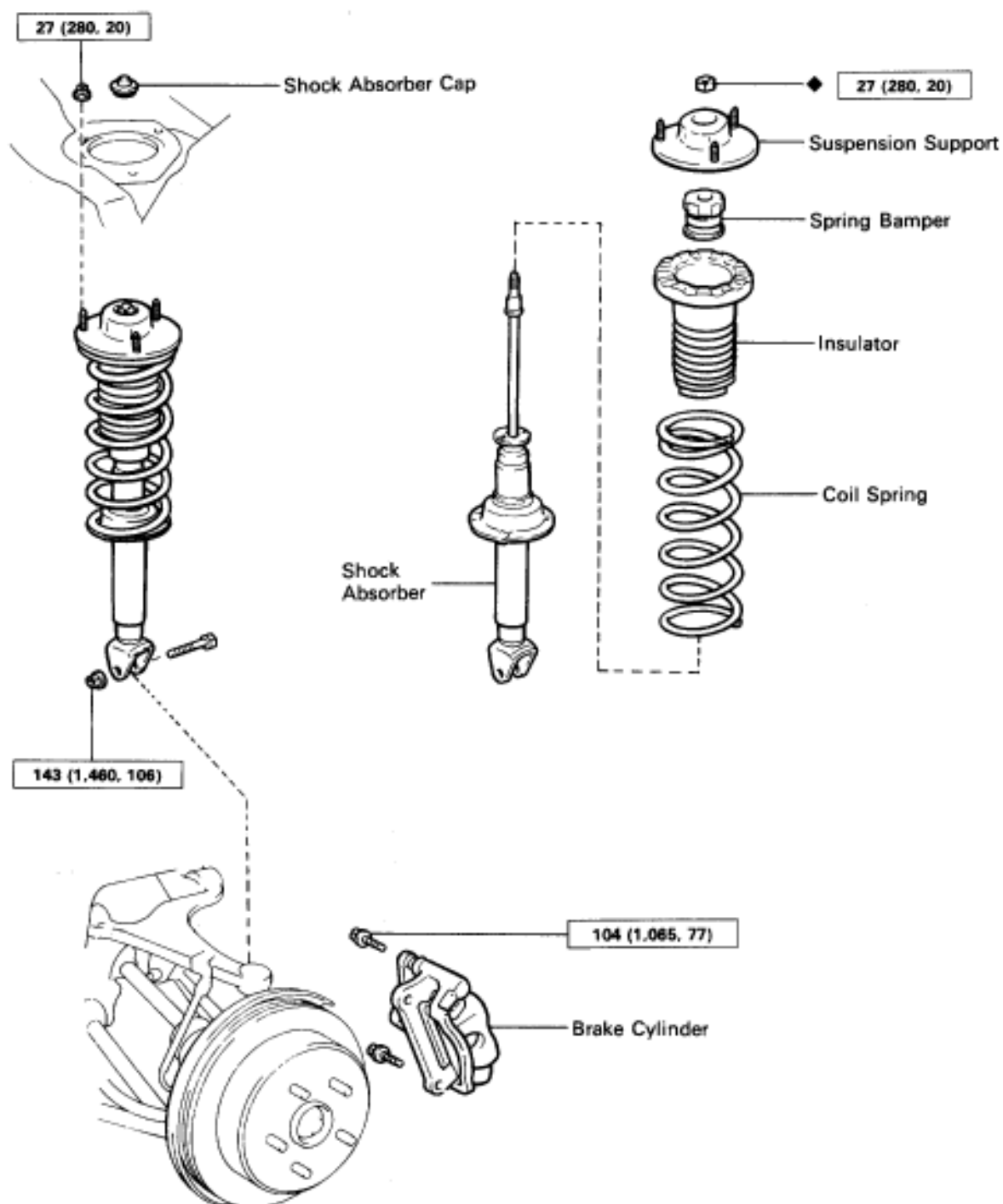


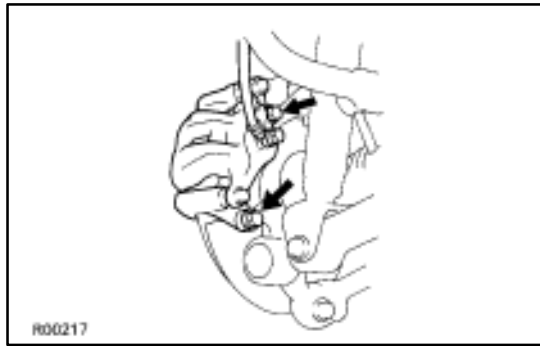
## Rear Shock Absorber COMPONENTS



N·m (kgf·cm, ft·lbf) : Specified torque

◆ non-reusable part

N00686

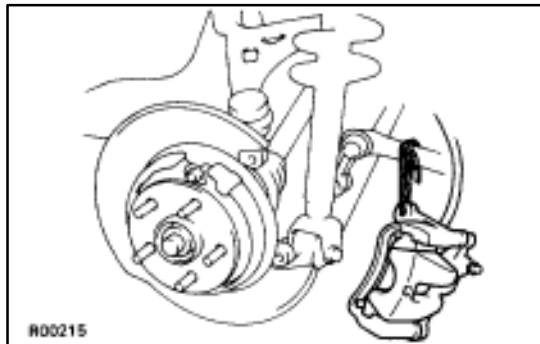


## REMOVAL OF REAR SHOCK ABSORBER

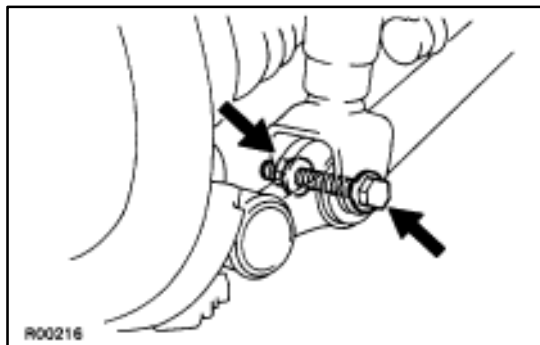
### 1. JACK UP VEHICLE AND REMOVE REAR WHEEL

### 2. REMOVE REAR BRAKE CYLINDER

- (a) Remove the two bolts and remove the brake cylinder from the rear axle carrier.

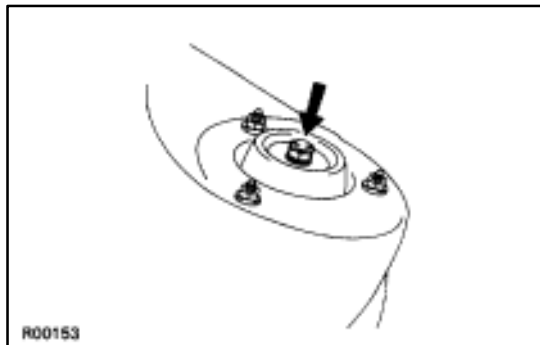


- (b) Hang up the brake cylinder using wire, etc.



### 3. REMOVE SHOCK ABSORBER WITH COIL SPRING

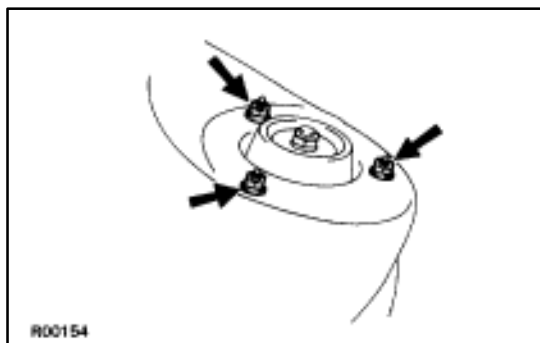
- (a) Remove the nut and bolt on lower side of the shock absorber.



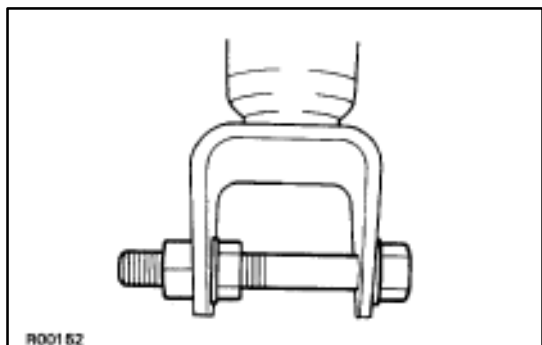
- (b) Remove the absorber cap.

- (c) Loosen the nut in the middle of the suspension support.

**NOTICE: Only loosen the nut, do not remove it.**

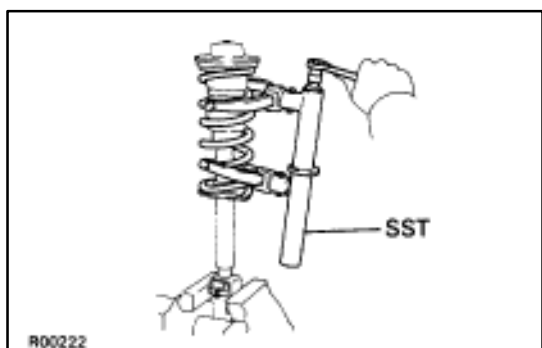


- (d) Remove the three nuts and shock absorber with the coil spring.

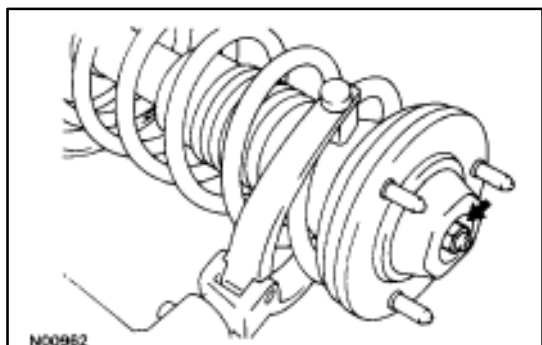


#### 4. REMOVE SUSPENSION SUPPORT AND COIL SPRING

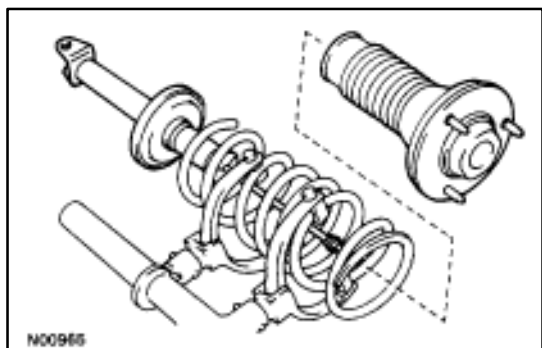
- (a) Install a bolt and two nuts to the bracket at the lower portion of the shock absorber shell and secure it in a vise.



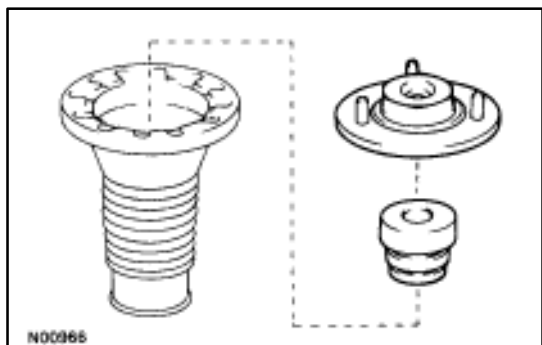
- (b) Using SST, compress the coil spring.  
SST 09727-30020



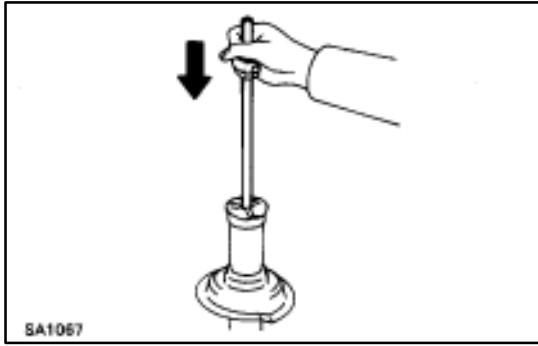
- (c) Remove the suspension support nut.



- (d) Remove the suspension support, coil spring and insulator.



- (e) Remove the insulator and spring bumper from the suspension support.



## INSPECTION OF REAR SHOCK ABSORBER

### 1. INSPECT SHOCK ABSORBER

Compress and extend the shock absorber rod and check that there is no abnormal resistance or unusual operation sounds.

If there is any abnormality, replace the shock absorber with a new one.

**NOTICE:** When discarding the shock absorber, use the following procedure.

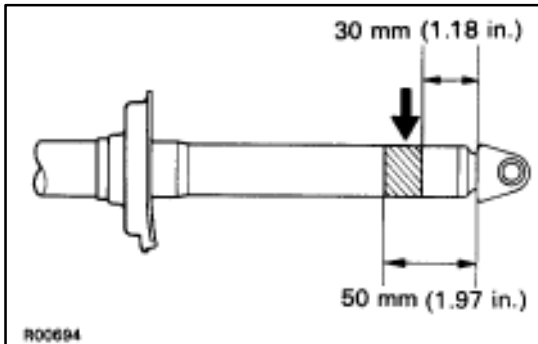
## DISPOSAL OF REAR SHOCK ABSORBER

### 1. FULLY EXTEND SHOCK ABSORBER ROD

### 2. DRILL HOLE TO REMOVE GAS FROM CYLINDER

Using a drill, make a hole in the cylinder as shown to remove the gas inside.

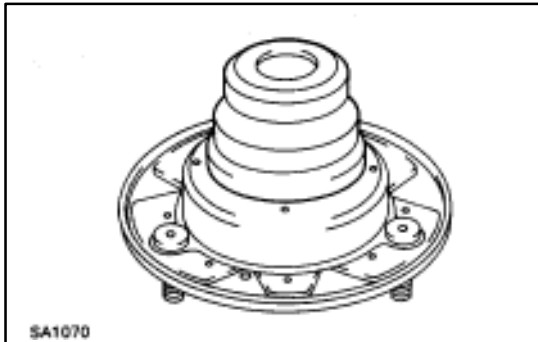
**CAUTION:** The gas coming out is harmless, but be careful of chips which may fly up when drilling.



## INSTALLATION OF REAR SHOCK ABSORBER

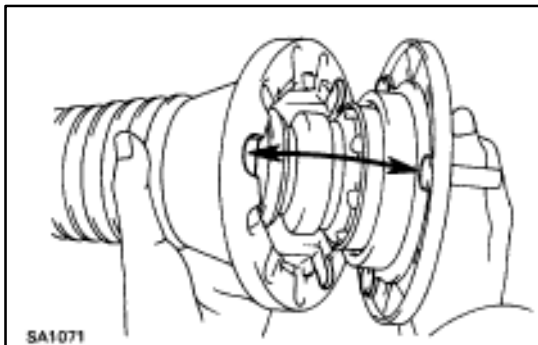
### 1. INSTALL SUSPENSION SUPPORT AND COIL SPRING

(a) Install the spring bumper to the suspension support.



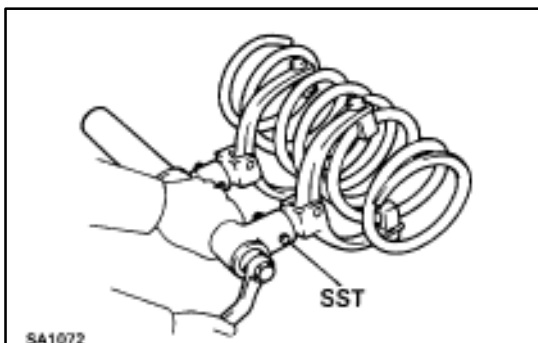
(b) Install the insulator to the suspension support.

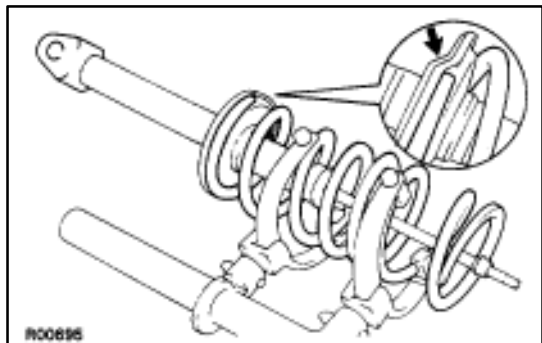
**HINT:** Match the bolt of the suspension support with the cut-off part of the insulator.



(c) Using SST, compress the coil spring.

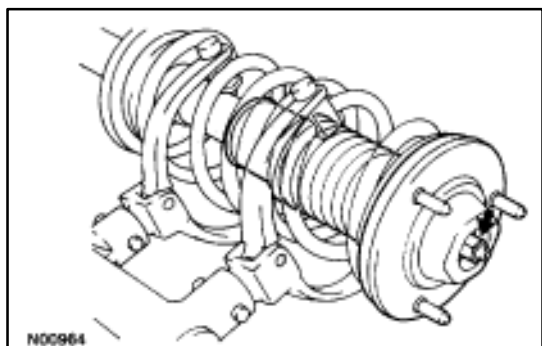
SST 09727-30020



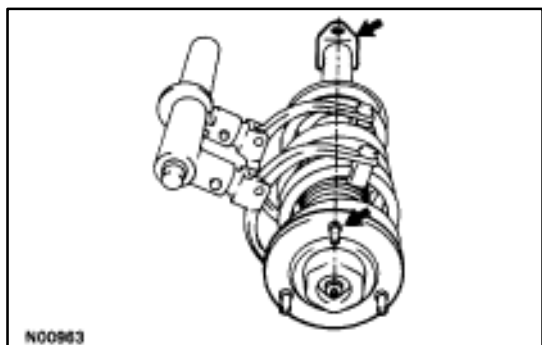


(d) Install the coil spring to the shock absorber.

HINT: Fit the lower end of the coil spring into the gap of the spring seat of the shock absorber.



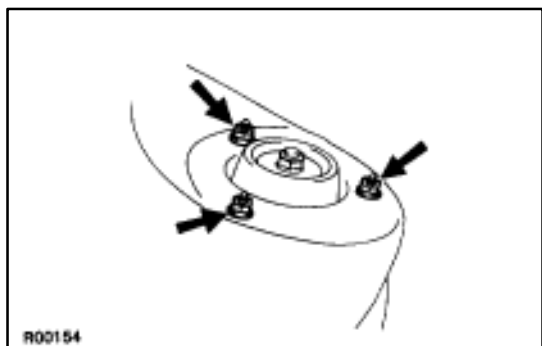
(e) Install the suspension support to the rod and temporarily tighten a new nut.



(f) Rotate the suspension support so that the rod and one of the bolts on suspension support are aligned with the lower bushing.

(g) Remove the SST.

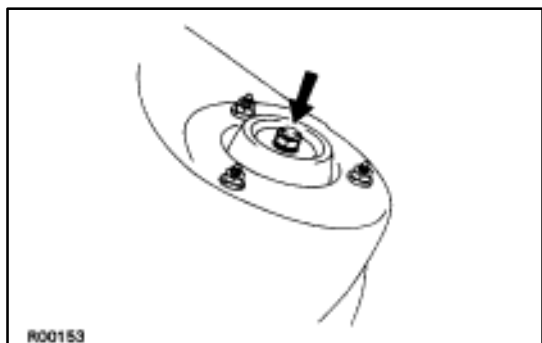
HINT: After removing the SST, again check the direction of the suspension support.



## 2. INSTALL SHOCK ABSORBER WITH COIL SPRING TO VEHICLE

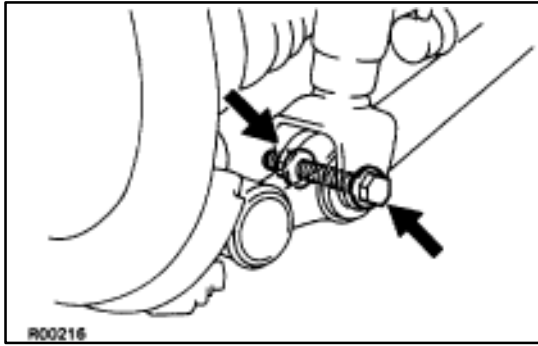
(a) Install the shock absorber with the coil spring to the vehicle with the three nuts.

**Torque: 27 N·m (280 kgf·cm, 20 ft·lbf)**



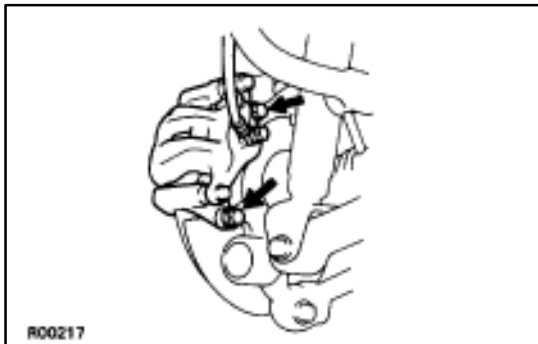
(b) Torque the temporarily tightened nut in the middle of the suspension support.

**Torque: 27 N·m (280 kgf·cm, 20 ft·lbf)**

**3. INSTALL SHOCK ABSORBER TO REAR AXLE CARRIER**

- (a) Install the bolt from the vehicle's rear.
- (b) Tighten the nut.

**Torque: 143 N·m (1,460 kgf·cm, 106 ft·lbf)**

**4. INSTALL REAR BRAKE CYLINDER**

Install the brake cylinder to the rear axle carrier with the two bolts.

**Torque: 104 N·m (1,065 kgf·cm, 77 ft·lbf)**

**5. INSTALL REAR WHEEL AND LOWER VEHICLE**

**Torque: 137 N·m (1,050 kgf·cm, 101 ft·lbf)**

**6. CHECK REAR WHEEL ALIGNMENT**

(See page [SA-4](#))