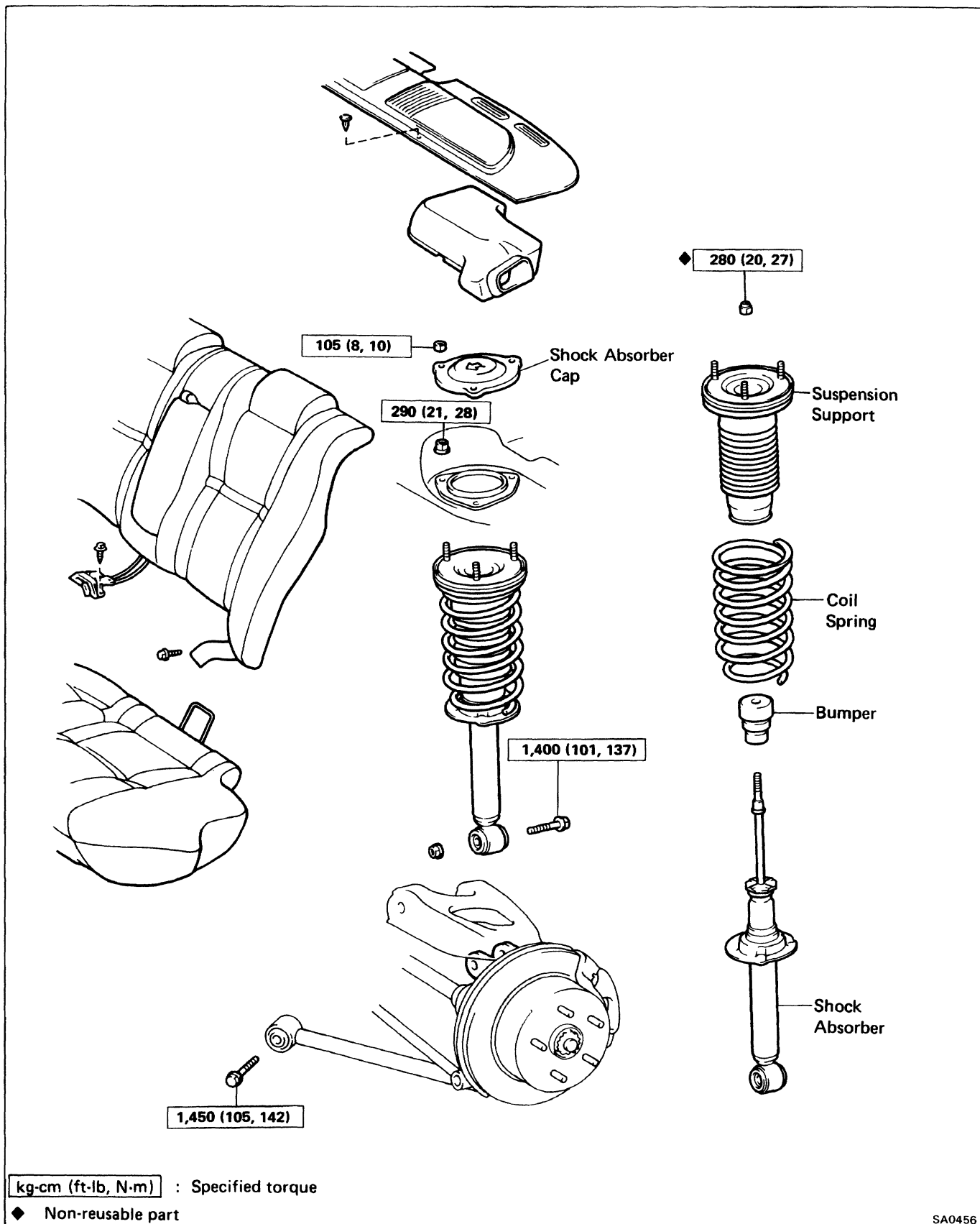
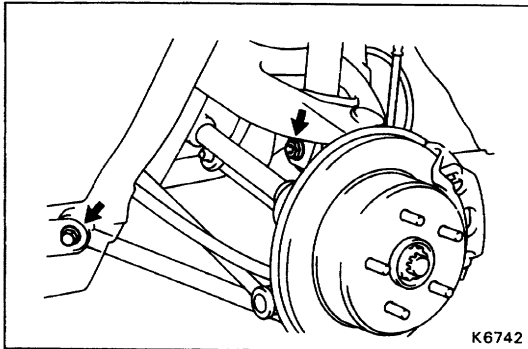


# REAR SUSPENSION

## Rear Shock Absorber

### COMPONENTS





## REMOVAL OF REAR SHOCK ABSORBER

1. REMOVE REAR WHEEL
2. DISCONNECT STRUT ROD AND REMOVE NUT OF SHOCK ABSORBER

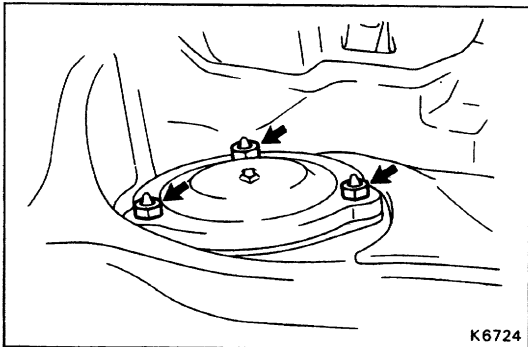
- (a) Using a jack, support the rear axle carrier.
- (b) Disconnect the strut rod from body.
- (e) Remove the nut of the shock absorber.

**NOTICE:** Do not remove the bolt.

3. REMOVE REAR SEAT AND PACKAGE TRAY TRIM

4. DISCONNECT SUSPENSION SUPPORT

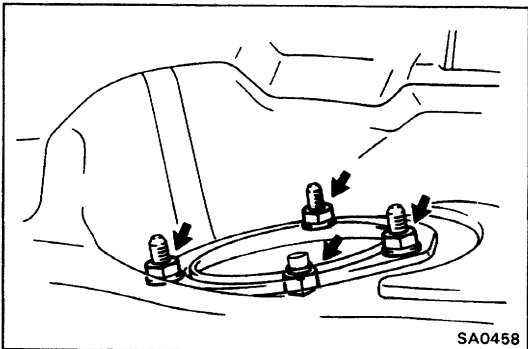
- (a) Remove the shock absorber cap.



- (b) Loosen the center nut.

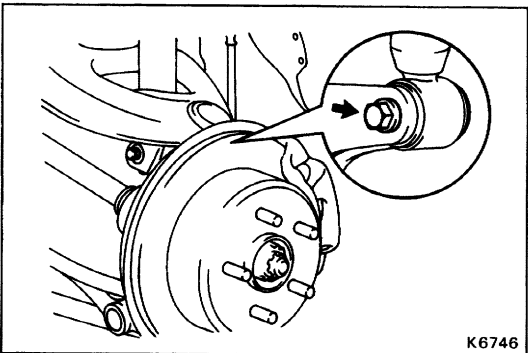
**NOTICE:** Do not remove the nut.

- (c) Remove the three nuts.



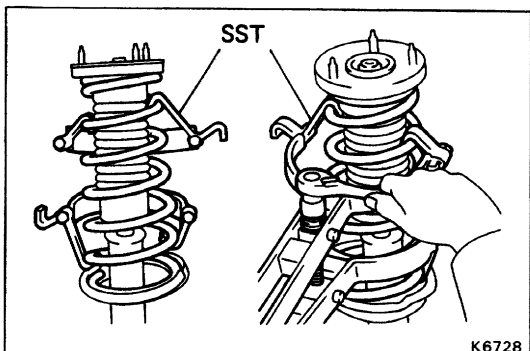
5. REMOVE REAR SHOCK ABSORBER WITH SPRING

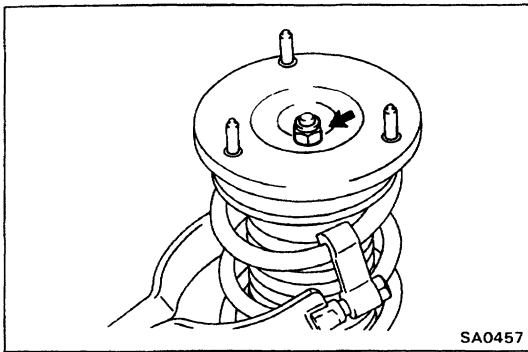
- (a) Lower the jack.
- (b) Remove the bolt.
- (c) Push the rear axle carrier down and remove the shock absorber.



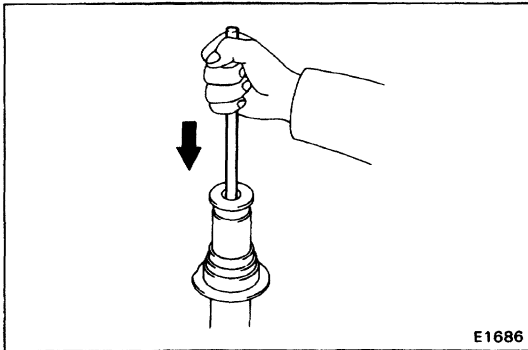
6. REMOVE COIL SPRING

- (a) Using SST, compress the coil spring.  
SST 09727-22032 or 09727-30020





- (b) Remove the nut, suspension support, coil spring and bumper.

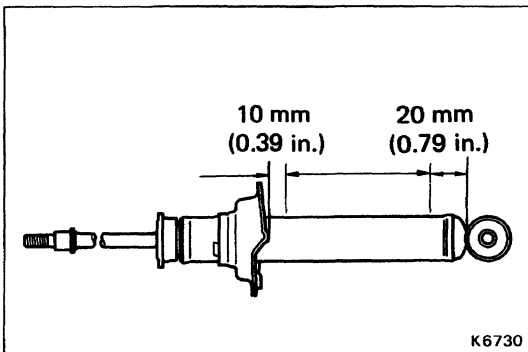


## INSPECTION OF SHOCK ABSORBER

### 1. INSPECT OPERATION OF SHOCK ABSORBER

While pushing the piston rod, check that the pull through-out the stroke is even, and that there is no abnormal resistance or noise.

If the shock absorber operation is defective, replace the shock absorber.

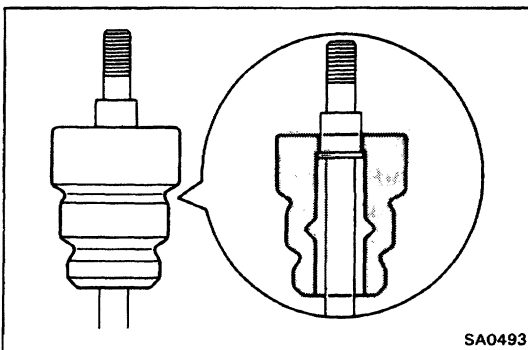


### 2. DISCARD SHOCK ABSORBER

Before discarding the shock absorber, drill a hole 2 – 3 mm (0.079 – 0.118 in.) in diameter at the location shown in the figure to release the gas inside.

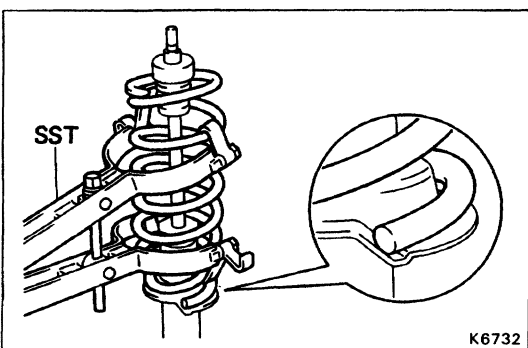
#### NOTICE:

- When drilling, chips may fly out, so work carefully.
- The gas is colorless, odorless and non-poisonous.



## INSTALLATION OF REAR SHOCK ABSORBER

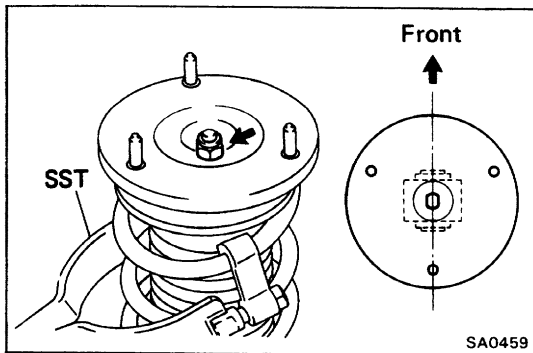
### 1. INSTALL BUMPER



### 2. INSTALL COIL SPRING

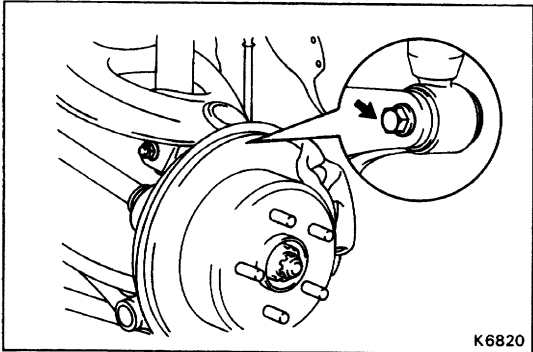
- (a) Using SST, compress the coil spring.  
SST 09727-22032 or 09727-30020

- (b) Align the coil spring end with the lower seat hollow and install the coil spring.



- (c) Align the suspension support with the piston rod and install it.
- (d) Align the suspension support with the shock absorber lower bushing as shown.
- (e) Temporarily install a new nut.
- (f) Remove SST.

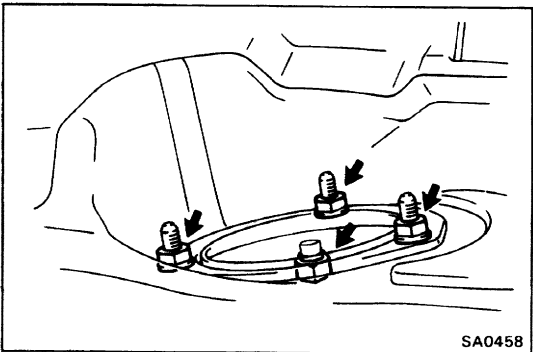
SST 09727-22032 or 09727-30020



### 3. INSTALL REAR SHOCK ABSORBER WITH SPRING

- (a) Install the shock absorber to the vehicle and temporarily install the three nuts to the suspension support.
- (b) Push the rear axle carrier down and connect the shock absorber to the rear axle carrier.
- (e) Torque the lower bushing bolt.

**Torque: 1,400 kg-cm (101 ft-lb, 137 N-m)**



- (d) Torque the three nuts.

**Torque: 290 kg-cm (21 ft-lb, 28 N-m)**

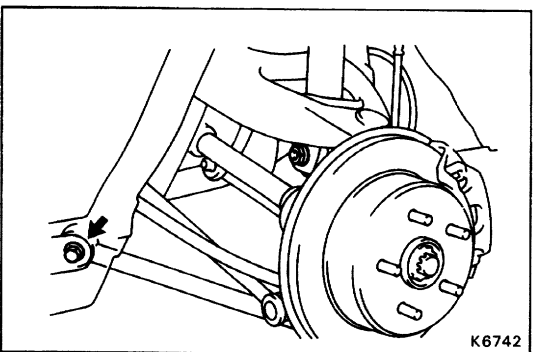
- (e) Torque the center nut.

**Torque: 280 kg-cm (20 ft-lb, 27 N-m)**

- (f) Install the shock absorber cap.

**Torque: 105 kg-cm (8 ft-lb, 10 N - m)**

### 4. INSTALL PACKAGE TRAY TRIM AND REAR SEAT



### 5. TEMPORARILY CONNECT STRUT ROD TO BODY

### 6. INSTALL REAR WHEEL

### 7. TORQUE STRUT ROD BOLT

- (a) Remove the stands and bounce the vehicle up and down to stabilize the suspension.
- (b) Torque the strut rod bolt.

**Torque: 1,450 kg-cm (105 ft-lb, 142 N - m)**

### 8. CHECK REAR WHEEL ALIGNMENT

(See page [SA-3](#))