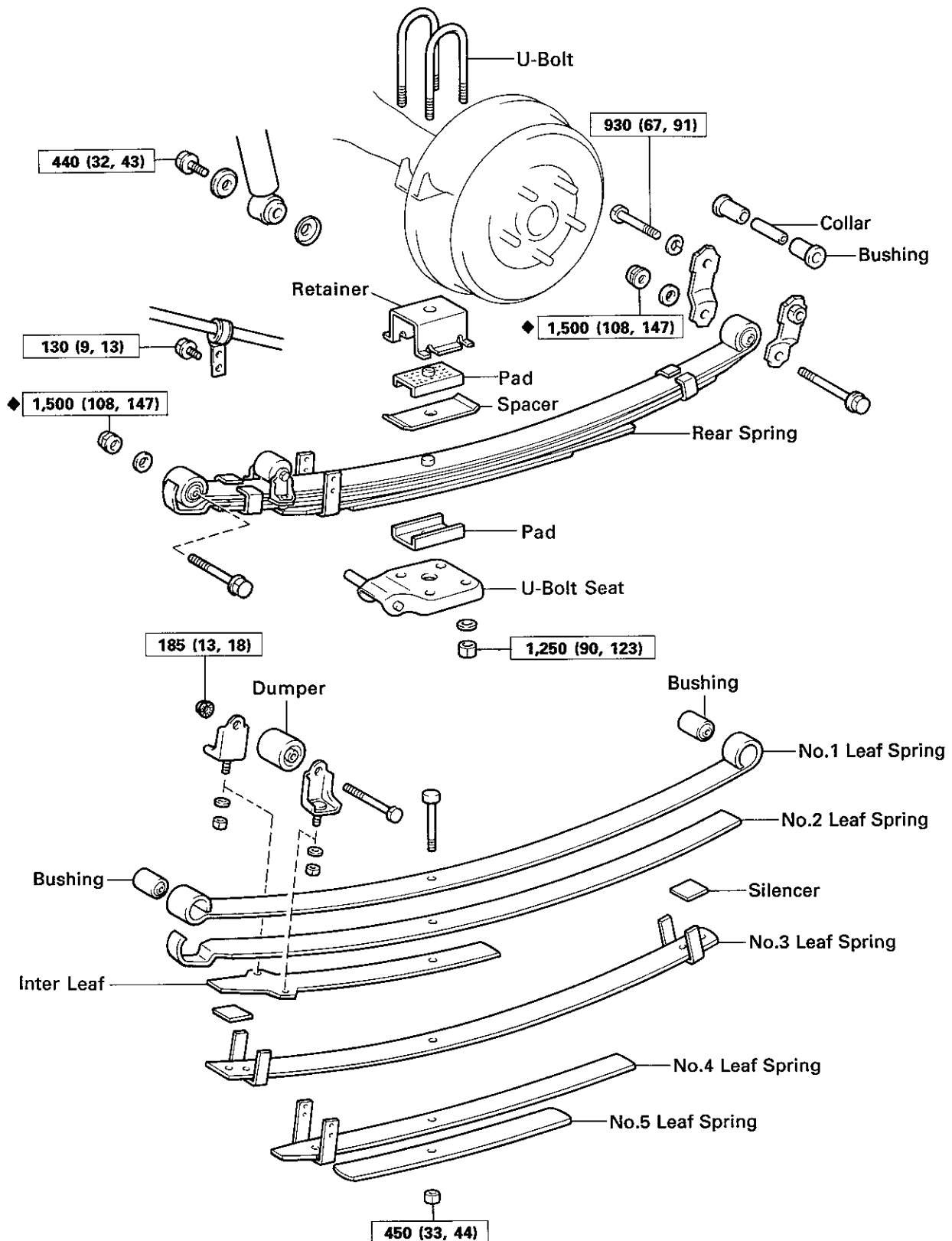
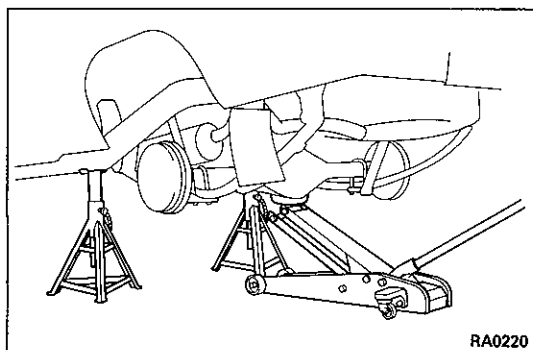


Leaf Spring COMPONENTS



kg-cm (ft-lb, N·m) : Specified torque

- ◆ Non-reusable part

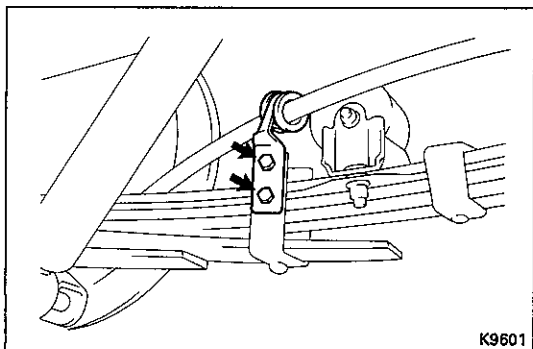


REMOVAL OF LEAF SPRING

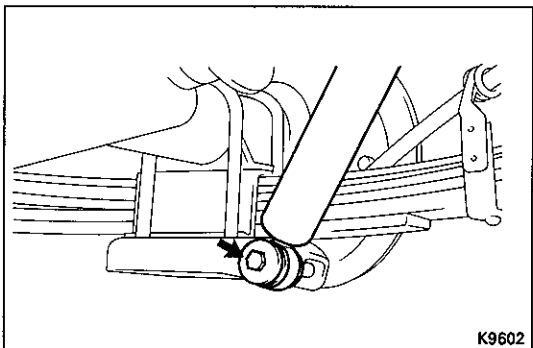
1. JACK UP AND SUPPORT BODY

- (a) Jack up and support the body on stands.
- (b) Lower the axle housing until the leaf spring tension is free.

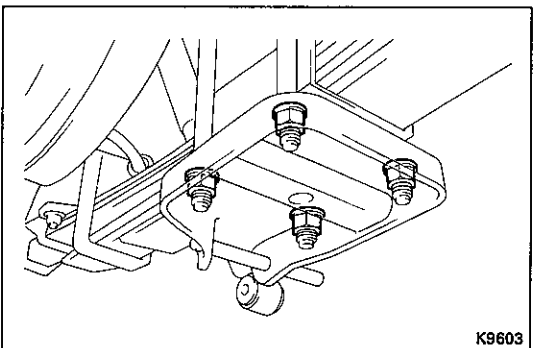
2. REMOVE REAR WHEEL



3. DISCONNECT PARKING BRAKE CABLE FROM LEAF SPRING

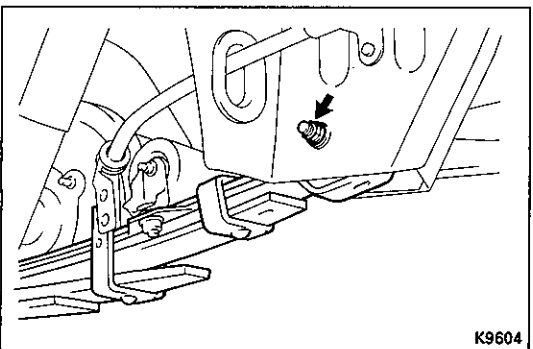


4. DISCONNECT SHOCK ABSORBER FROM SPRING LOWER SEAT



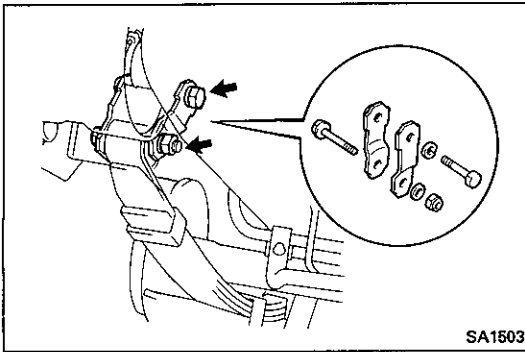
5. REMOVE U-BOLTS

- (a) Remove the U-bolt mounting nuts.
- (b) Remove the spring lower seat and pad.
- (c) Remove the U-bolts.



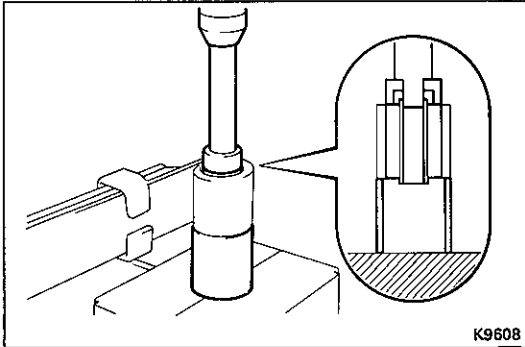
6. REMOVE LEAF SPRING

- (a) Remove the hanger pin bolt.



(b) Remove the shackle pin bolts and nut.

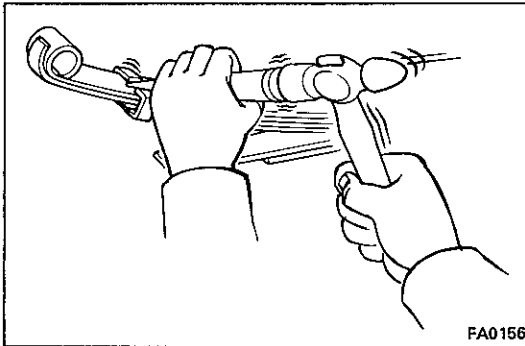
(c) Remove the leaf spring.



REPLACEMENT OF BUSHING

REPLACE BUSHING WITH PRESS

Using a press and socket wrench, replace the bushing.



DISASSEMBLY OF LEAF SPRING

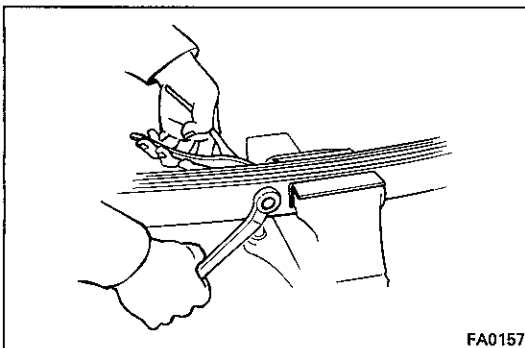
1. BEND OPEN SPRING CLIPS

Using a chisel, pry up the spring clips.

2. REMOVE DAMPER

3. REMOVE CENTER BOLT

Hold the spring near the center bolt in a vise and remove the center bolt.



ASSEMBLY OF LEAF SPRING

1. INSTALL CENTER BOLT

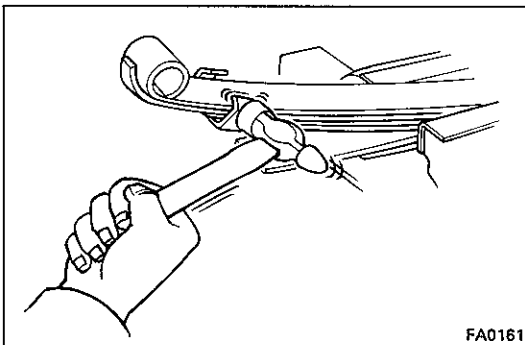
Hold the spring near the center bolt hole in a vise and install the center bolt.

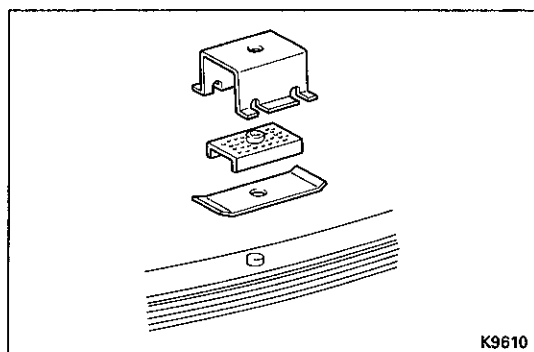
Torque: 450 kg-cm (33 ft-lb, 44 N·m)

2. BEND SPRING CLIPS

Using a hammer, bend the spring clips into position.

3. INSTALL DAMPER

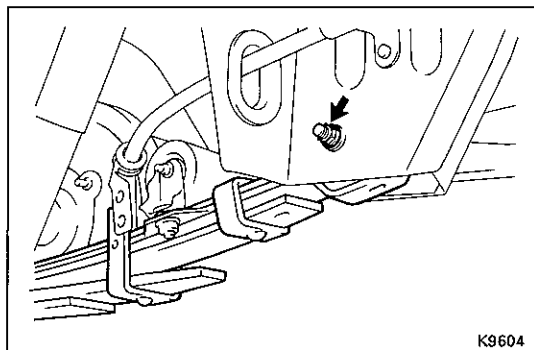




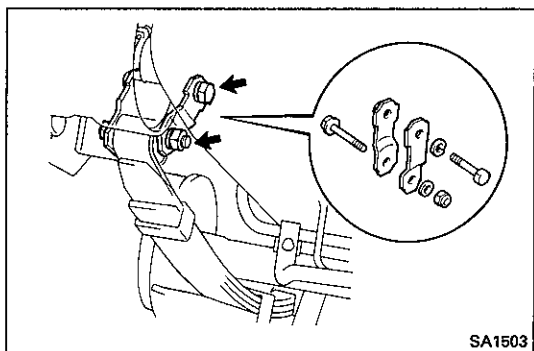
INSTALLATION OF LEAF SPRING

1. INSTALL LEAF SPRING

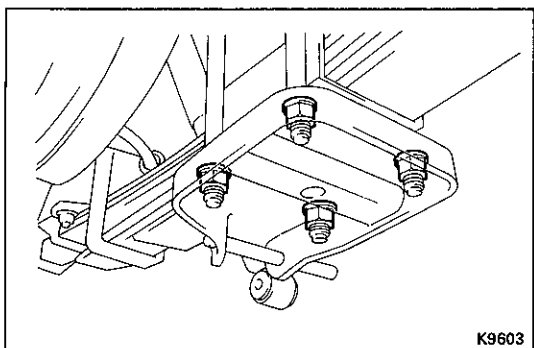
- (a) Install the spacer, pad and retainer on the leaf spring.



- (b) Place the front end of leaf spring in the front bracket and install the hanger pin bolt.
- (c) Finger tighten the hanger pin nut.



- (d) Place the rear end of leaf spring and install the shackle plates, two bolts and a new nut.
- (e) Finger tighten the bolt and nut.

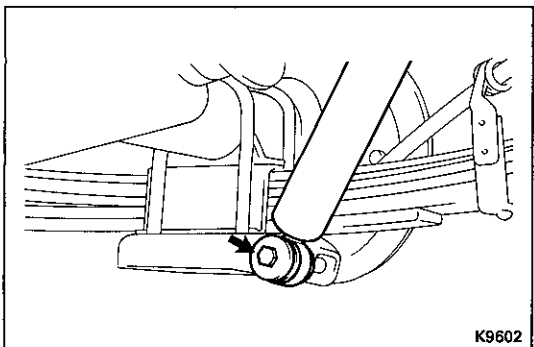


2. INSTALL U-BOLTS

- (a) Install the pad, spring lower seat and U-bolts.
- (b) Tighten the four nuts.

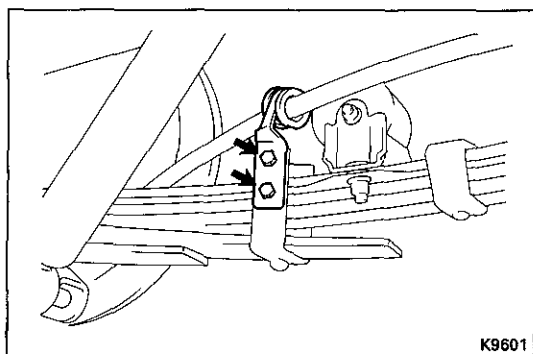
Torque: 1,250 kg-cm (90 ft-lb, 123 N·m)

HINT: Tighten the nuts so that the length of all the U-bolts under the spring seat are the same.

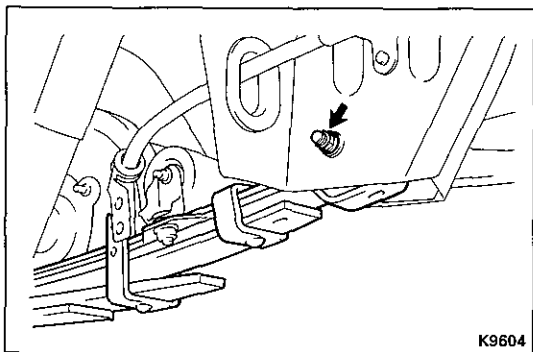


3. CONNECT SHOCK ABSORBER TO SPRING LOWER SEAT

Torque: 440 kg-cm (32 ft-lb, 43 N·m)



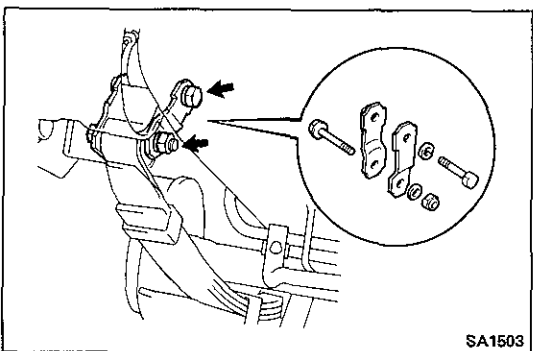
4. **CONNECT PARKING BRAKE CABLE TO LEAF SPRING**
5. **INSTALL REAR WHEEL AND LOWER VEHICLE**



6. **TORQUE BOLTS AND NUTS**

- (a) Bounce the vehicle up and down several times to stabilize the suspension.
- (b) Torque the hanger pin nut.

Torque: 1,500 kg-cm (108 ft-lb, 147 N·m)



- (c) Torque the shackle bolt and nut.

Torque:

Bolt 930 kg-cm (67 ft-lb, 91 N·m)

Nut 1,500 kg-cm (108 ft-lb, 147 N·m)

