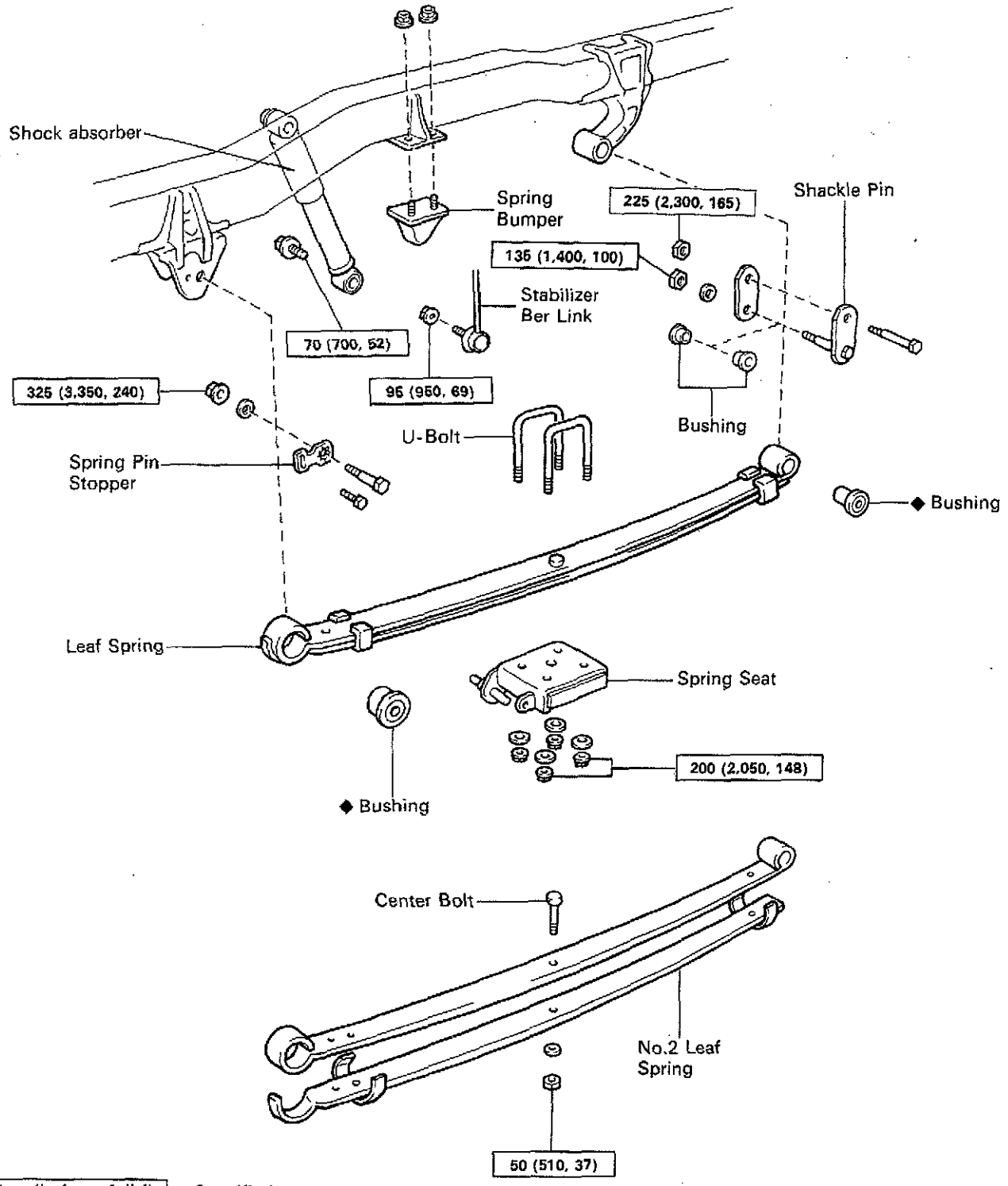
REAR LEAF SPRING
COMPONENTS

8A0YK-01

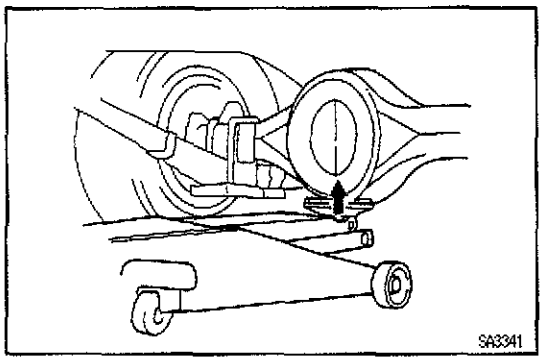


N·m (kgf·cm, ft·lbf) : Specified torque
◆ Non-reusable part

R06506

SA0YL-01

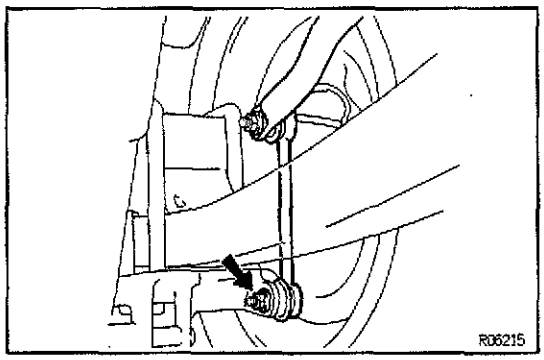
REAR LEAF SPRING REMOVAL



1. JACK UP AND SUPPORT FRAME

(a) Jack up and support the frame on stands.

(b) Lower the axle housing until the leaf spring tension is free, and keep it at this position.

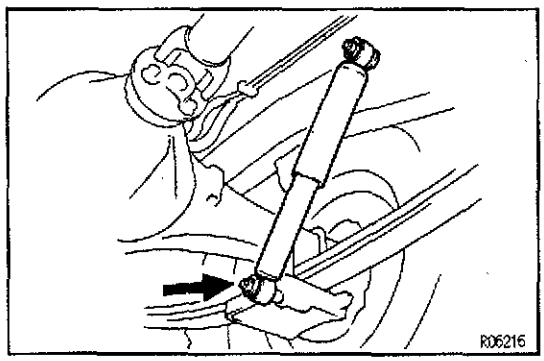


2. (w/STABILIZER BAR)
DISCONNECT STABILIZER BAR LINK

Remove the 2 nut and disconnect the left and right stabilizer bar links from the spring seats.

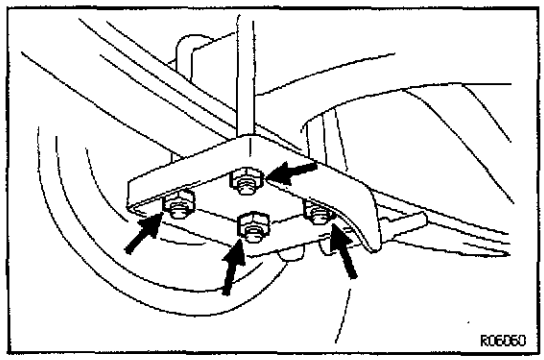
HINT: If the ball joint stud turns together with the nut, use a hexagon wrench to hold the stud.

SA



3. DISCONNECT REAR SHOCK ABSORBER

Remove the bolt and disconnect the rear shock absorber lower from spring seat.

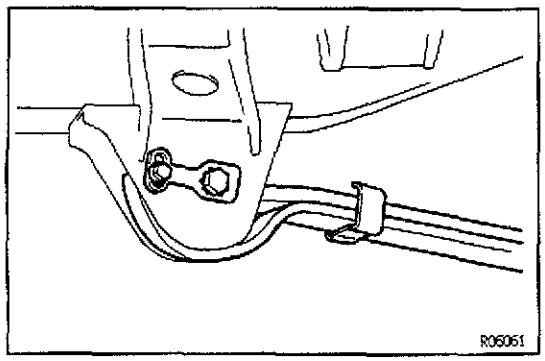


4. REMOVE U–BOLTS

(a) Remove the 4 U–bolt mounting nuts.

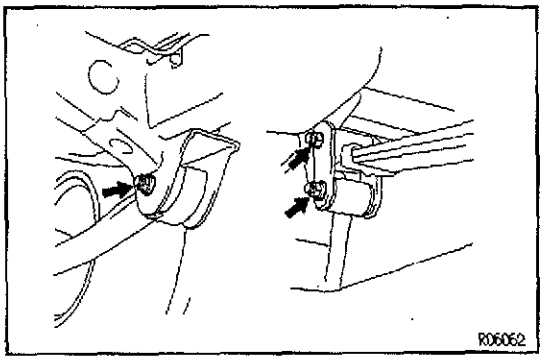
(b) Remove the spring seat and pad.

(c) Remove the U–bolts.

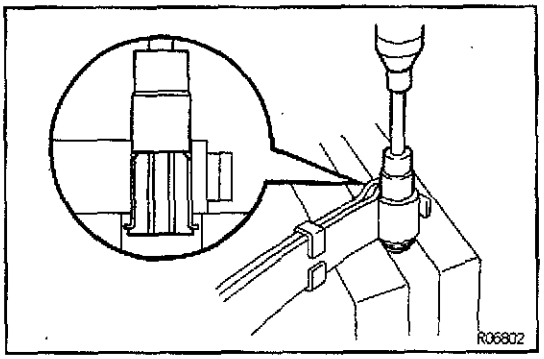


5. REMOVE REAR LEAF SPRING

(a) Remove the bolt and spring pin stopper.



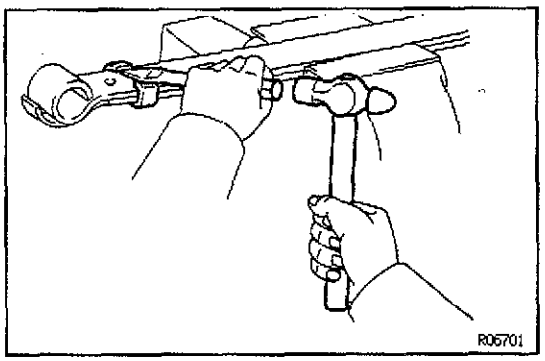
(b) Remove the hanger pin bolt.
(c) Remove the 2 shackle pin mounting nuts.
(d) Remove the shackle pin and plate and remove the rear leaf spring.



EYE BUSHING REPLACEMENT

SA0LG-02

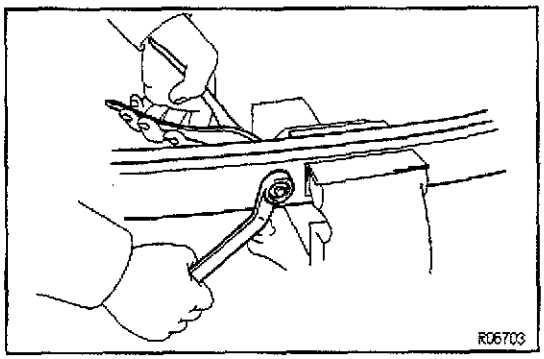
REPLACE EYE BUSHING
Using a press and socket wrench, replace the eye bushings.



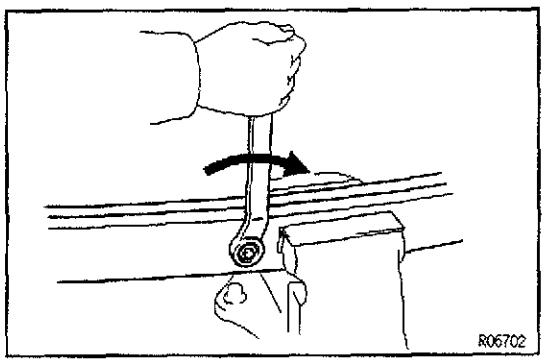
LEAF SPRING REPLACEMENT

SA0YM-01

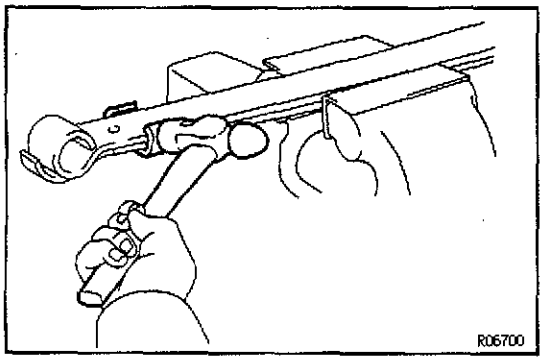
1. **BEND OPEN FRONT SPRING CLIP AND REMOVE REAR SPRING CLIP NUT AND BOLT**
Using a chisel and hammer, pry up the front and rear spring clip.



2. **REMOVE CENTER BOLT**
Hold the spring near the center bolt in a vise and remove the center bolt.

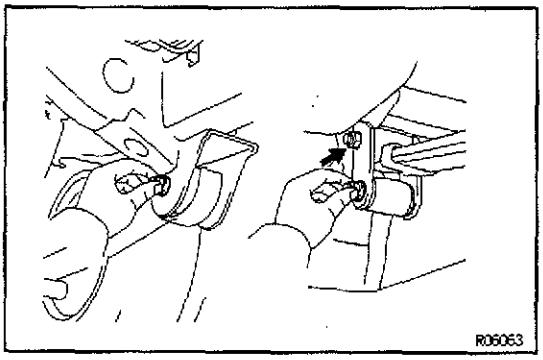


3. **INSTALL SPRING CENTER BOLT**
(a) Align the leaf holes and secure the leaves with a vise.
(b) Install the spring center bolt.
Torque: 44 N·m (450 kgf·cm, 33 ft·lbf)



4. BEND FRONT SPRING CLIP AND INSTALL REAR SPRING CLIP BOLT AND NUT

Using a hammer, bend the front and rear spring clip into position.



REAR LEAF SPRING INSTALLATION

SADYN-01

1. INSTALL REAR LEAF SPRING

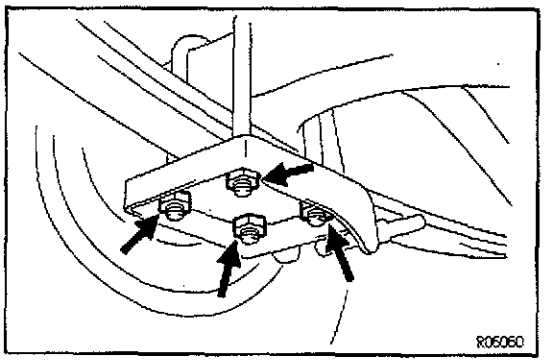
(a) Place the front end of leaf spring in the front bracket and install the hanger pin bolt.

(b) Temporarily tighten the hanger pin nut.

(c) Place the rear end of leaf spring in the rear bracket, and install the shackle pin.

(d) Install the plate and temporarily tighten the 2 nuts.

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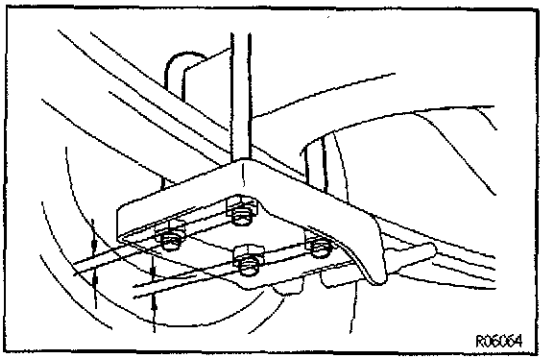
2. INSTALL U–BOLTS

(a) Install the pads and pad retainer on the leaf spring.

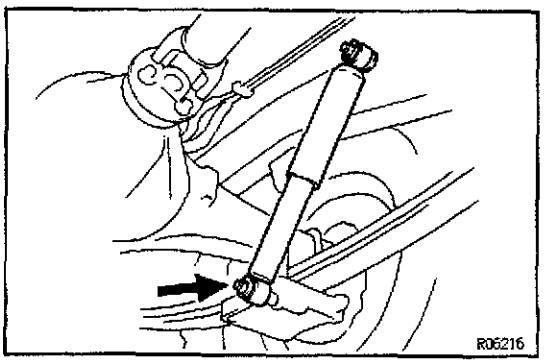
(b) Install the spring seat, U–bolts, washers and nuts.

(c) Tighten the U–bolt mounting nut.

Torque: 200 N·m (2,050 kgf·cm, 148 ft·lbf)



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

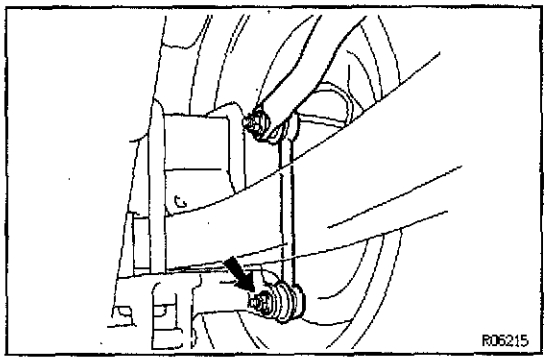


3. INSTALL REAR SHOCK ABSORBER

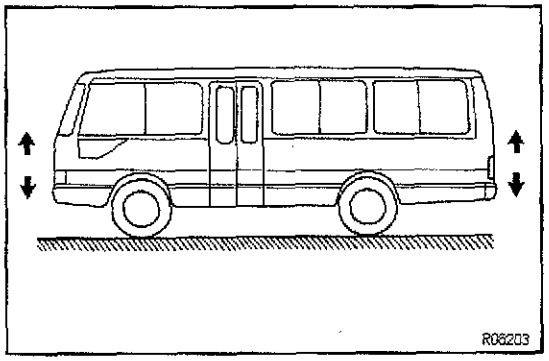
(a) *Connect the rear shock absorber lower to the spring* seat with the bolt.

(b) Tighten the bolt.

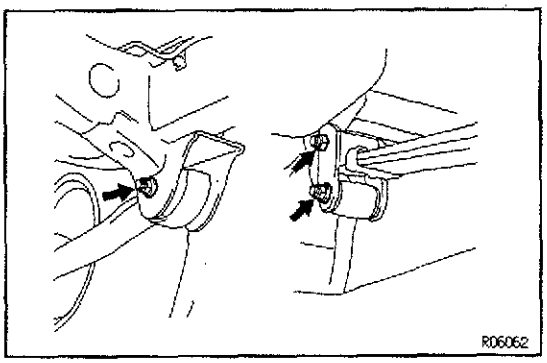
Torque: 70 N·m (700 kgf·cm, 52 ft·lbf)



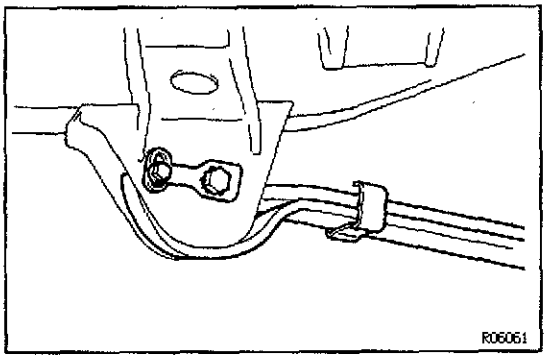
4. (w/STABILIZER BAR)
CONNECT STABILIZER BAR LINK
Connect the left and right stabilizer ber links with the 2 nuts.
Torque: 95 N·m (950 kgf·cm, 69 ft·lbf)
HINT: If the ball joint stud turns together with the nut, use a hexagon wrench to hold the stud.



5. STABILIZE SUSPENSION
(a) Lower the vehicle.
(b) Bounce the vehicle up and down several times to allow the suspension to settle.



6. TIGHTEN HANGER PIN AND SHACKLE PIN
(a) Tighten the hanger pin nut.
Torque: 325 N·m (3,350 kgf·cm, 240 ft·lbf)
(b) Tighten the 2 shackle pin nuts.
(Upper side)
Torque: 225 N·m (2,300 kgf·cm, 165 ft·lbf)
(Lower side)
Torque: 135 N·m (1,400 kgf·cm, 100 ft·lbf)



(c) Install the spring pin stopper with the bolt.