

Installation Instructions, Set #18.3102

Saturn rear Lateral links & Trailing arm

ENERGY
SUSPENSION®

1131 VIA CALLEJON, SAN CLEMENTE, CA 92673

Lift and support the rear of the vehicle. Refer to your owners manual for the safe location of jack and jack stand placement.

Lateral Links

1. Starting with the attachments at the spindle, remove the bolt holding the two lateral links.
2. **Please read this next step carefully before proceeding.**
3. Located on both the left and right side of the sub frame are two locating holes Please note the location of these holes and mark if necessary. This is to insure proper alignment of your rear suspension / sub frame after installation. **See photo 1**
4. Loosen and remove the two forward bolts holding the sub frame to the chassis **DO NOT DISCARD!**
5. Loosen, but **DO NOT** remove the rear bolts. Loosen only enough to allow the sub frame to swing down to gain access to the forward lateral link pivot bolts. Be sure that the brake lines do not bind or stretch during this procedure.
6. Remove the pivot bolts holding the lateral links to the sub frame.
7. Remove the lateral links and there bushings from both ends.
8. Clean all surfaces free from rust and rubber.
9. Apply the supplied grease to the inner diameter of the lateral link, install bushing part number 3389 (four pieces total per link), lubricate inside diameter of bushing and install sleeve. Note: there are two different sleeves for these links; each link will receive one each of these sleeves. The differences are in the inside diameter, .563" I.D. versus .500" I.D.. The larger I.D. Sleeve is for the knuckle bolt.
10. Lubricate the outside faces of the bushings and loosely assemble back into the sub frame.
11. Lifting the sub frame back into position, loosely assemble the bolts that hold it to the chassis but **DO NOT** tighten.
12. Referring to the sub frame alignment holes, re-align to the marks previously made and tighten.
13. Install the lateral links to the spindle and tighten all hardware at spindle and sub frame.

Strut rod bushings

1. At the strut rod, remove the nut that secures the rod to the spindle.
2. At the front of the rod, remove the two bolts that hold the pivot pin to the chassis and lower strut out of vehicle.
3. Remove the rubber strut rod bushings from the spindle and discard.
4. Press out the pivot pin from the bushing, **DO NOT DISCARD.**
5. Remove bushing from rod and clean all surfaces free from rust and rubber.
6. Lubricate new bushing and insert into strut rod using the tapered end as the leading edge. **See photo 2**
7. Before inserting the original pivot pin, you must first round off and smooth any sharp edges as shown in **photo 3**
8. Lubricate inside diameter of bushing and insert pin, smooth end first
9. Lubricate inside diameter of strut rod bushing and insert rod as shown (**photo 4**). Insert through spindle and assemble second bushing, washer and nut. **The cupped end of the washer should face outward.**
10. Assemble front of rod to chassis and tighten all hardware

Check all hardware that it has been tightened to factory specifications
It is recommended that your vehicle be professionally aligned after this installation



Photo 1



Photo 2



Photo 3



Photo 4

©2001 Energy Suspension. All rights reserved
May not be reproduced, in any form, or by any means,
without the written consent of Energy Suspension.

17350

040401PS