

# INSTALLATION INSTRUCTIONS

Form No.  
**8882**  
ECL-B

**PLEASE READ ALL INSTRUCTIONS FROM START TO FINISH BEFORE YOU BEGIN THE INSTALLATION.**

PRE-INSTRUCTION NOTE: Rancho Suspension's heavy-duty U-bolt kits are necessary. Also, 2-caster degree shims are included in kit #713 and 4-caster degree shims are included in kit #711 only.

## FRONT SPRINGS REMOVAL

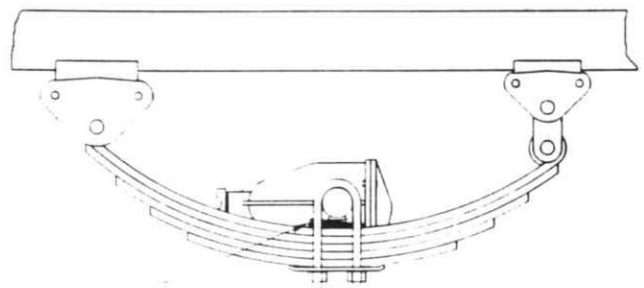
1. Raise the front of vehicle and support frame ahead of axle.
2. Remove front shock absorbers.
3. Remove U-bolts, nuts, washers and spring plates.
4. Remove spring pivot bolts and nuts.
5. Remove front springs.

## FRONT SPRINGS INSTALLATION

1. If necessary, enlarge spring plate holes from  $7/16"$  to  $1/2"$  to accommodate larger U-bolts.
2. Mount springs in vehicle and install pivot bolts and nuts. Hand tighten only at this time.
3. Install new U-bolts, washers and nylock nuts. Torque U-bolts to 55-65 ft./lbs.
4. Install Rancho Shocks. Rancho highly recommends the use of our protective shock boots, part #1926
5. Remove supports and lower vehicle.
6. Torque pivot bolts to 25-35 ft./lbs.

## REAR SPRINGS REMOVAL

1. Raise the rear of vehicle and support frame ahead of axle.
2. Remove rear shock absorbers.
3. Remove U-bolts, nuts, washers and spring plates.
4. Remove spring pivot bolts and nuts.
5. Remove rear springs.



RANCHO PART #7500  
CASTER SHIM (THICK  
END)

## REAR SPRINGS INSTALLATION

1. If necessary, enlarge spring plate holes from  $7/16"$  to  $1/2"$  to accommodate larger U-bolts.
2. Mount springs in vehicle and install pivot bolts and nuts. Hand tighten only at this time.
3. NOTE: On kits #711, 713 it will be necessary to install the caster degree shims between the spring pad and the new rear spring. (See Illustration) On kit #711 your spring width will determine which (2) shims you should use.
4. Install new U-bolts, washers and nylock nuts. Torque U-bolts
5. Install new Rancho shocks. Rancho suspension highly recommends the use of our protective shock boots, part #1926.
6. Remove supports and lower vehicle.
7. Torque pivot bolts to 25-35 Fr./Lbs.

NOTE: RAISE YOUR VEHICLE SO THE SUSPENSION HANGS FREE, A BUMPER JACK OR JACK STANDS WILL BE REQUIRED FOR THIS OPERATION. DO THIS ON BOTH THE FRONT AND REAR ROTATE THE DRIVE SHAFT BY HAND AND CHECK FOR ANY POSSIBLE UNIVERSAL JOINT TO YOKE BINDING. AT THE TIME INSPECT BRAKE LINES FOR ANY BINDS, KINKS, ETC. BRAKE LINES MUST NOT BE TIGHT WITH SUSPENSION FULLY EXTENDED.

**RANCHO**  
INDUSTRIES

Revised 10/89