

## 512 Series Shocks

Note: Please read all instructions thoroughly before starting installation!

These shocks are designed to operate with the shock shaft up.

### Caution

Follow instructions in an authorized shop manual or take the vehicle to a competent dealer.

The vehicle must be securely blocked up to prevent it from dropping when the shocks are removed. Failure to do so can cause serious damage and/or injury.

Make sure that proper bushings/sleeves are installed in the shocks. Improper bushings/sleeves can cause unsatisfactory and/or unsafe operation.

1. Place a quality jack or sufficient blocks under the vehicle to securely lift the wheels slightly off the ground.
2. Using the correct shop manual, remove the old shocks and note location of mounting hardware.
3. Install shock assemblies onto the vehicle and tighten the mounting bolts/nuts to the proper torque specifications according to your shop manual.

Note: Due to assembly requirements, the bump rubber and washer on the shock shaft are positioned where the washer may rattle slightly. A few miles of normal riding will position the washer where it will cease to rattle. The rattle (if any) will not damage or have any adverse effect on the shock.

4. Test ride: If excessive bottoming occurs, adjust the preload cam to a higher setting on both shocks using the supplied wrench (see figure 1). The "Shock Sox" cover will need to be opened on the bottom to gain access to the adjustment cam. Adjust to suit rider weight and vehicle load.

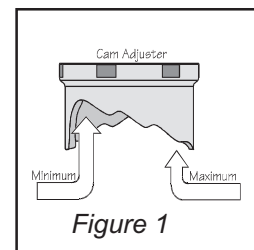


Figure 1

For easier spring preload adjustments, put a small amount of cam adjuster lube (supplied) on the sliding surface prior to rotating the cam (see figure 2).

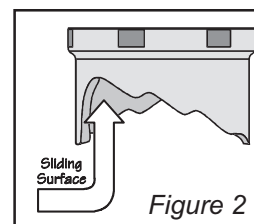


Figure 2

5. Maintenance: Shock bushings should be checked and cleaned at periodic intervals. The "Shock Sox" protective covers can easily be removed for cleaning. Just peel them open at the "hook and loop" fastening strip to remove. When installing the covers, fasten them loose enough to be able to pinch about 1/4" of fabric with your fingers.
6. For a balanced suspension, we highly recommend the installation of our 512 Series shocks both front and rear.