

# ***MACPHERSON STRUT COIL SPRING COMPRESSOR***

Stock Number W80555

## **OWNER'S MANUAL**

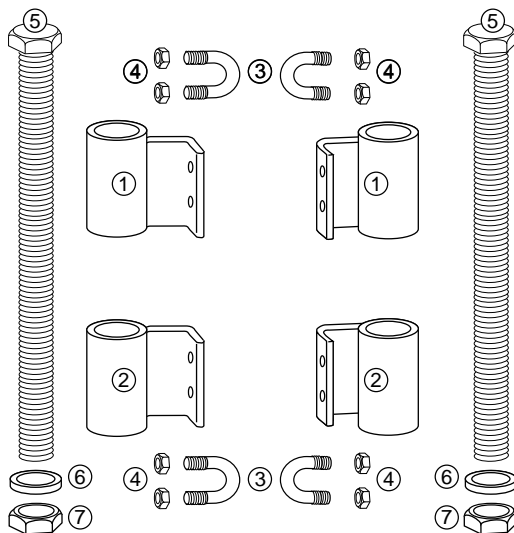


**FOR YOUR SAFETY,**  
please read these instructions carefully and retain them for future use.

## COMPONENTS

This tool is comprised of the following components.  
Please familiarize yourself with all parts before proceeding.

- |                  |       |
|------------------|-------|
| 1. Upper bracket | 2 pcs |
| 2. Lower bracket | 2 pcs |
| 3. U Bolt        | 4 pcs |
| 4. Small nut     | 8 pcs |
| 5. Large bolt    | 2 pcs |
| 6. Washer        | 2 pcs |
| 7. Large nut     | 2 pcs |



## IMPORTANT SAFETY INFORMATION

### WARNING!

Read all warnings and instructions before using. Failure to obey all warnings may result in personal injury and/or property damage.

**THIS TOOL IS DESIGNED FOR USE ON MACPHERSON STRUT TYPE COIL SPRINGS ONLY. USE ON ANY OTHER APPLICATION FOR WHICH IT IS NOT INTENDED, MAY RESULT IN PROPERTY DAMAGE AND/OR BODILY INJURY.**

Inspect tool for cracking or any other damage; never use if damaged. Always wear ANSI approved safety glasses when working with tools and equipment.

Do not use with power tools of any kind. Do not compress the spring to the extent where the coil windings touch. Do not drop the tool while it is holding a compressed spring. Remove tool from the spring SLOWLY loosening the large bolts until the spring is no longer under tension.

Do not overload jack beyond rated capacity. Overloading can cause damage to or failure of the jack.

REFER TO YOUR VEHICLE SERVICE MANUAL FOR PROPER MACPHERSON STRUT SERVICE PROCEDURES.

## OPERATION

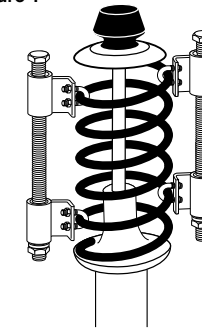
### Warning:

**REFER TO VEHICLE SERVICE MANUAL FOR PROPER MACPHERSON STRUT SERVICE PROCEDURES.**

### Preparation:

Assemble compressors to opposite sides of coil spring as shown in figure 1. U-Bolts should attach as may coils apart as possible to allow maximum compression. (Note. If spring is painted or coated, wrap with tape to prevent U Bolt from scratching finish.)

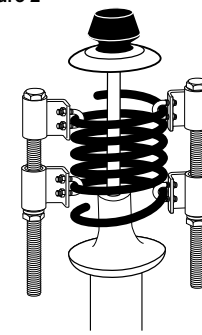
Figure 1



### Operation:

Oil bolt and large nut. While holding large nut with wrench, turn bolt down a few turns with socket to compress spring. Alternate evenly between each compressor assembly to avoid over lopsided compression. Compress spring only as far as necessary to remove strut.

Figure 2



Strut assembly is now ready for service.

## CARE & MAINTENANCE

1. Keep compressor oiled to prevent corrosion.
2. Before each use, inspect brackets for cracks or cracked welds. Check Bolts, U Bolts and all Nuts for damaged threads. Any part which appears damaged must be removed from service immediately.