



(919) 855-8200

[www.uscartool.com](http://www.uscartool.com)

### **Install Instructions for Rear Spring Re-Location Kits**

Leaf Spring Relocation Kit USCT Motorsports does it again. Well known for their chassis stiffening products, USCT has now created a kit to help Mopar car owners get even better performance by providing up to 8" more room for rear tires. Anyone who has ever looked underneath the rear end of a Mopar notices the leaf springs are in the way of really wide tires / wheels. Racers and chassis fabrication shops have been moving these in for years, and believe me, it is not as easy as it sounds. Why do you think all the race cars ads say "Hooks hard and goes straight", unless going straight was not the norm? The USCT leaf spring relocating kit is self aligning off the factory leaf spring mounting holes and includes instruction on how to cut the factory frame rails, locate and weld in the new front and rear mounts and measure to be sure you are straight and square. This kit won't make you a chassis shop, but it will help an advanced hot rodder gain up to 8" of tire tread space in the back of that Mopar!

#### **Basic install procedure**

1. Dry fit all the components, adjust as necessary for close, weld able fit.
2. Tack Weld In Position
3. Measure for Square
4. Weld brackets fully in position.

#### **Detailed install instructions**

1. Prepare the car for the installation. Before you jack up the car and remove the tire, consider washing the area to remove road grime and dirt. Place the car on secure jack stands and remove the tire. Be safe and make sure the car is not going to tip or fall off the jack stands!
2. Remove rear axle and rear leaf springs and hanger assemblies.
3. Do a dry fit of the brackets onto the car and be sure you understand where it fits. Clean the area where you will be welding. Remove undercoating etc. You need bare metal for the welds to penetrate and hold.
4. Use the front brackets to mark the area to be cut in the rear frame rail for the new spring hangers.
5. The order of installation is as follows:
  - a. Mark and cut out section of frame rail for new bracket.
  - b. Tack brackets in place.
  - c. Measure for square.
  - d. Place rear brackets and mark hole location.
  - e. Remove rear brackets and cut hole in frame rail for sleeve to pass through.

- f. Place rear bracket and insert sleeve into bracket and tack weld in place.
  - g. Install leaf springs to check for correct location.
  - h. Fully weld front and rear brackets once square has been achieved.
6. Since we can guarantee the placement and square of the factory leaf spring mounting locations, care is need when placing the brackets. It is very important that cross measurements be made to check the location of the front brackets.
7. Let cool, undercoat or prime/paint the weld areas, re-install all parts removed for installation and go for a test ride!

***We have installation pictures available on our website under the pictures section.***

***Any questions or concerns feel free to give us call at (919) 855-8200***