



**ART-171**  
**2007-2014**  
**CHEVY/GMC/SILVERADO/**  
**SIERRA 1500**  
**REAR SPRING MOUNT**

**IMPORTANT: Read and understand the General Instructions  
Before Installing SafeTCap® Frame Repair Kits**

## Installation Instructions

- 1) Jack up the rear of the truck, use quality jack stands with the proper weight rating and place jack stands under the frame, 1 before the rear axle and 1 after, allowing the rear end to hang free. Use the hyd. Jack under the differential to take the weight off the rear end.
- 2) Disconnect the leaf spring from the leaf spring mount and lower the axle with a hydraulic jack to move the spring away from the repair area.
- 3) Measure the original mounts bolt hole center from a fixed point nearby on the frame. Horizontal and lateral measurement.
- 4) Cut the welds holding the original spring mount to the frame, be careful not to cut too much into the frame, then remove the original mount.
- 5) Grind any rust and corrosion from the repair area, make sure the frame is clean and oil free.
- 6) Place the ART-171 onto the frame and using the measurements taken earlier set the new spring mount into position and tack weld the corners.
- 7) Double check its placement, you can even dry fit the leaf spring mount. Placement must be exact to original.
- 8) Weld the entire perimeter of the ART-171.
- 9) Allow the repair area to cool, then rust proof the repair area. Reinstall the leaf spring to the ART-171 with the new hardware provided and torque bolt to 148lbs ft.