
Tools you'll need to install the U-bolt flip and single shock mount

- Socket Set with Deepwell 7/8" socket
- Torque Wrench
- Wire brush – sander/grinder
- Welder
- Can of spray paint
- Jack and Jackstands (optional)

Getting Started

1. Place truck on level surface. Raise rear of truck from axle if necessary to access rear axle. Place jackstands under axle ½ way between springs and center housing.
2. Remove lower shock nuts and remove shocks from lower mounting position. You can leave them attached up at top.
3. Remove nuts from the u bolts on one side. Penetrating oil may help here. You can also cut the bolts if necessary. Do not damage brake lines or anything else. Remove lower spring plate and upper spring protector on top of leaf springs.
4. Clean rear axle tube and mark area at bottom ½ of rear of the axle tube 3" inside of new U Bolt location. Sand that area to bare metal. This is where the new shock mounts will be welded and MUST be clean.
5. Install new U Bolts and place new spring plate on top of spring. Place rounded side of plate towards the spring. Tighten them down evenly in criss-cross pattern to 95 ft.lbs. in three stages. You may cut U Bolts to length after final tightening
6. Place new shock mount on the lower part of the axle tube ½" from inside U Bolt. The mount should be perpendicular to the ground to assure correct shock mounting. Weld in place. A Minimum of 100 amps should be used for a wire feed welder to get a good weld. You may also stick weld the mounts in place. Refer to your welders reference settings guide for .250" thickness materials. Use spot welds to avoid over heating the tube. You may also have the mounts welded on by a qualified welder before you flip the bolts. Just make sure to get them located correctly
7. Paint shock mount and axle tube to avoid rust. U Bolts are also bare and should be painted for best results.
8. Install lower shock bolts with washers and sleeve supplied. Tighten until bushing starts to deform. Use Red Lock-tite to keep bolts from loosening. For heim joints shock mounts discard sleeve and use spacers supplied with shocks. Tighten to 40 ft.lbs. Again, use Red Lock-tite

Repeat on other side. Only remove one side at a time for safety's sake. Retighten all fasteners after each of the first 3 drives or until torque settings remain constant. The U bolts will be very loose after the first drive so make sure to check them.

The lower shock mounts will raise the mounting points of your rear shocks from 1 ½" to 2 ½". The rear shocks on Dodge trucks need to be very long and many people are running too short a shock to begin with. The new mount will help that significantly. Make sure that you have at least 3" of up travel left in your shocks after you install the lower mounts. This is only a guide to go by. Please try to cycle your rear suspension to make sure your shocks aren't too long or too short. A 31" or 32" rear shock with 5"-6" of lift is about right for most trucks but is only meant as a guide. Your truck may be different so make sure before you damage the shock or mounts.