



Part # U7003 Instructions

Offroad Design Universal Weld On Upper Shock Mount for 2.0" or 2.5" Shocks, Pair

Bill of Materials

Quantity	Description
2	U7003 – Offroad Design Universal Weld On Upper Shock Mount
2	½"-13 x 2.75" Grade 8 Socket Head Cap Screw
2	½"-13 Top Lock Nut
4	½" SAE Flat Washer

*****Installation of this part requires welding/fabrication knowledge and skill*****

Step One

Remove existing shock mounts or if using in a SAS application all factory independent front suspension components and brackets.

Step Two

Grind/sand any remaining material from frame rails so that you are working with a clean bare frame rail.

Step Three

Determine shock tower location (it helps to have you lower shock mounts already in place). Make sure that once the shocks are installed there will be no interference between the body of the shock and any other components throughout suspension travel and no binding of the shock bushings as this may cause premature wear. Verify there is no steering interference through full steering and suspension travel.

Step Four

Weld towers into desired location

Step Five

Wait until all welds are cool to the touch and prep all bare surfaces for paint by removing any surface dirt, oil, or rust. Once clean, paint all bare surfaces to prevent corrosion, we like using a self-etching primer for bare steel parts.

Step Six

Determine the length of shocks needed. We have found the best way to determine what shocks to use is to measure from upper to lower mounting location at ride height (full weight of the vehicle on its suspension at desired ride height) and compare that number to the "center of travel" number of the shocks you are interested. Select the shocks with the "center of travel" number that most closely matches the distance between your upper and lower shock mounts. We list full travel dimensions including the "center of travel" on all of the shock travel charts listed on our website. You can also work the opposite direction to some extent by changing the shock mounts to optimally fit a shock of your choice. Our upper mounts can be made to sit lower by cutting the frame saddle deeper and axle side mounts can be customized to change shock length. This is a point that some of our universal shock tabs can be very useful.