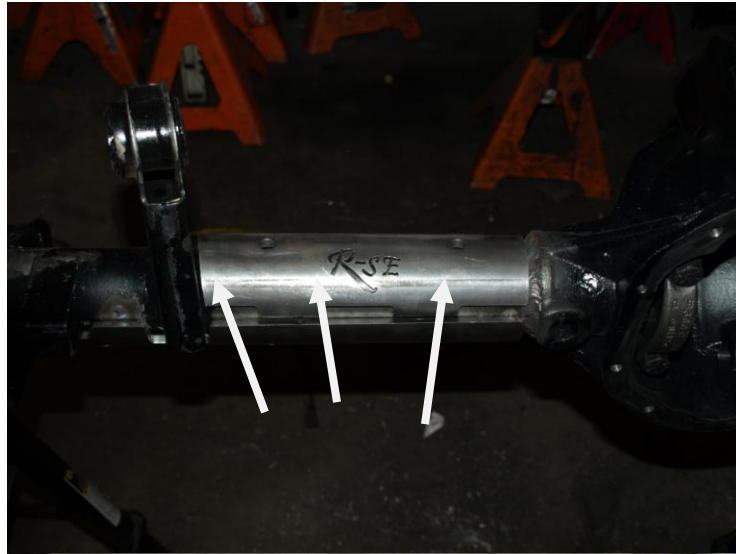


Rock-Slide Engineering Jeep JK Bombshell Kit

It is easier to install the kit with the axle removed or if the vehicle is placed on a hoist. It is possible to install the kit with the axle installed in the Jeep, but some welds may be harder to do without being able to move the housing. **If the housing is assembled or has the axle seals in place welds near the differential housing will need to be done incrementally in order to keep the heat down so the seals are not damaged.** If done slowly, 1.5"-2" at a time, and cooled in between welds, the seals will be fine.

1. First step is to clean up the axle. Place the Bombshell kit around the axle and hold in place while you scribe around the perimeter of the shell. Use these marks to clean up the axle with a flapper disc (or similar) in order to obtain a clean strong weld.
2. Once you have it cleaned up place the Bombshell kit around the axle housing and clamp in place.
3. Proceed by welding the kit to the housing. Weld all circular edges fully in order to gain the strength advantage of the kit. These include the ends of the pieces and any cut-out that wraps around a bracket. On the straight or axial edges, weld at least 50% of the length in 1.5"-2" sections. These edges are not as critical to gain the strength. Fully weld the slots between the upper and long lower piece.



4. Plug weld all of the holes.



5. Place the Inner Knuckle Gusset (if used) in place and weld all the way around the gusset.



6. Clean up any weld splatter that you can't live with, prime, and paint axle.
7. Congratulations you are finished with the install of the Rock-Slide Engineering Bombshell kit for the Dana 30/44 Jeep Wrangler front axle.