POLY PERFORMANCE MFG. 870 INDUSTRIAL WAY, SAN LUIS OBISPO, CA (805) 242-0397

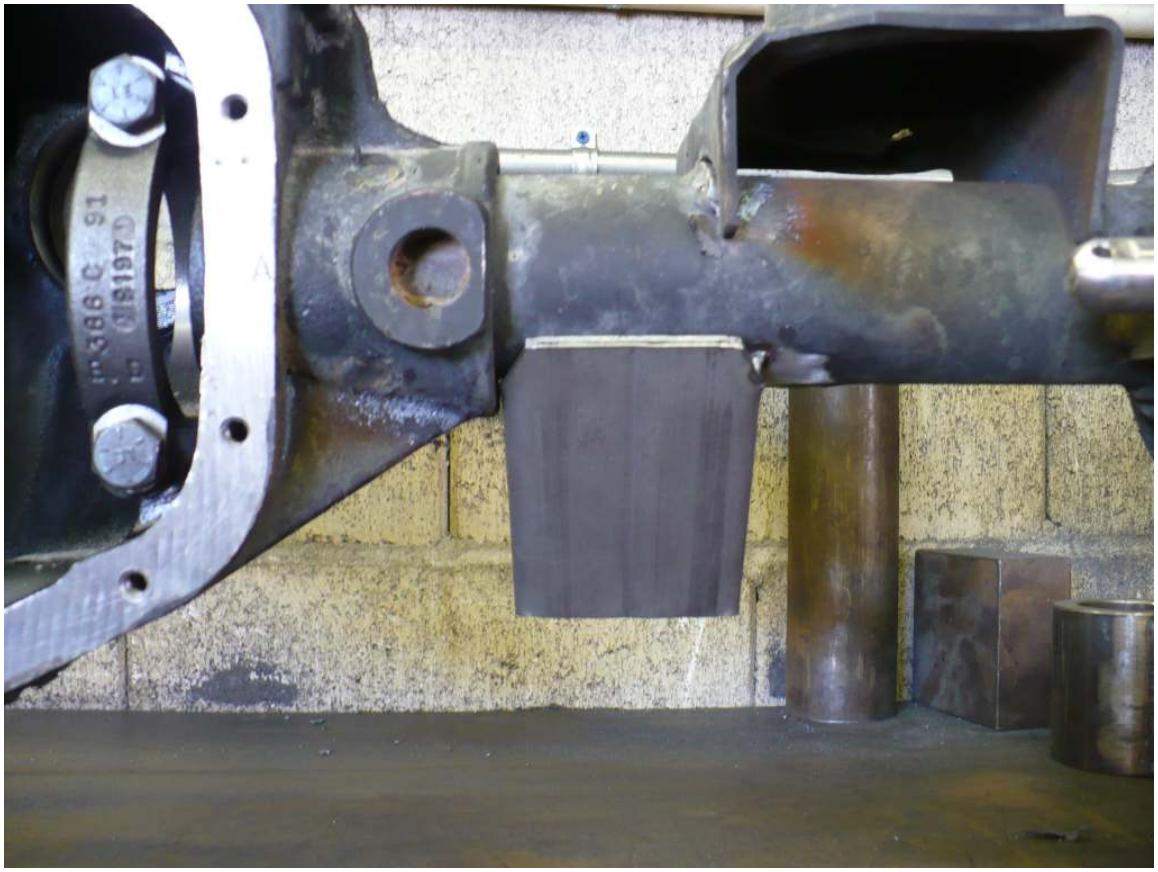
PPM-8012-14 JK WELD ON HD FRONT LOWER CONTROL ARM BRACKETS, STOCK TUBE

Version 1

GENERAL NOTES:

- These instructions are also available on our website; *www.polyperformance.com*. Check the website before you begin for any updated instructions and additional photos for your reference.
- These heavy duty lower control arm brackets are meant to replace the original brackets on the stock axle tube
- The installation of this bracket requires the complete removal of the stock lower control arm bracket with a sawz-all and cut off wheel or plasma cutter or oxy-acetylene torch. The new brackets must be welded to the axle tube. An experienced fabricator/welder is recommended to properly install this bracket.
- It is recommended to completely remove the front axle from the vehicle. You can install these on the vehicle but it is much more difficult.

1. Remove the lower control arms.
2. Completely remove the factory control arm brackets and grind smooth.
3. Break the lower control arm brackets apart. There is a different left and right bracket. When you position them to the axle tube, they should angle out so the control arms are wider at the frame then on the axle. Once you determine which the right and left, position them on the axle tube.
4. Start with the driver side bracket. Position the bracket as shown, with the inner edge against the cast diff housing.



5. The bottom edge should be level or back edge vertical when the pinion is level or diff cover surface is vertical. Tack weld in place.

POSITION THESE TWO PICS SIDE BY SIDE

6. Position the passenger side bracket opposite. The easiest way is to measure from the machined edge adjacent to the weld on the inner C. Measure the driver side then make the passenger side bracket the same dimension. The dimension should be close to 5 ¼ to the outside edge of the new lower control arm bracket. Tack weld into place.

7. Fully weld the lower control bracket to the axle tube. Weld along the front edge and sides. Wrap the weld around the back edges at least ½ along the inner edge. You will have to weld the inner edge on the driver side bracket that is adjacent to the diff housing.
8. The lower control arm brackets have two mounting positions. The lower hole is the stock location; you can move the lower control arms to the upper hole and trim the bottom for more ground clearance.