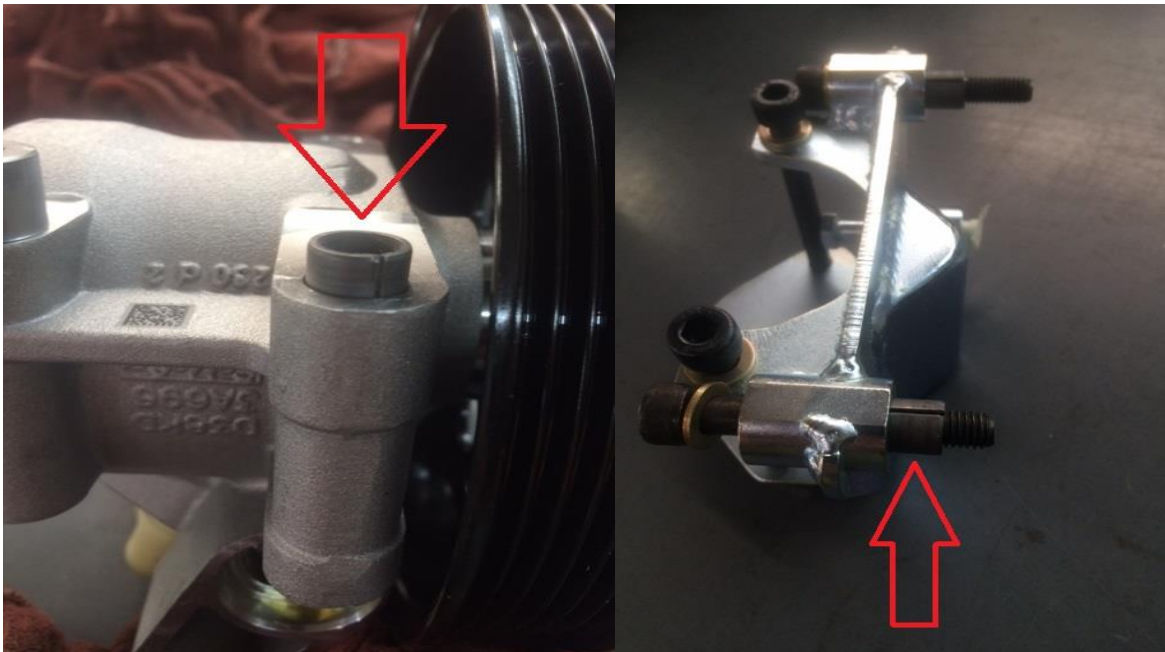


## Howe Performance Raptor Kit Instructions

1. Remove all the stock Ford Steering components including pump, hoses, and reservoir. (Set aside, some parts will be needed)
2. Insert supplied black plugs into stock power steering cooler. The cooler will remain in its location. Plugs are supplied to prevent fluid dripping out over time.
3. Remove roll dowels from the stock Ford Raptor power steering pump and insert into the bottom side of the new bracket. (See picture)



4. Install pump bracket onto motor. Once installed, you can mount the TC pump to the bracket.
5. Install the reservoir bracket onto main core support in front of radiator. You will have to drill out two 5/16" holes for the bracket to through-bolt to.



- 6.** Down on the rack, install the supplied port block with welded AN Fittings. Use Blue Loc-Tite to help secure bolt to rack.(This will require a 6mm size allen wrench to tighten supplied bolt into rack) The larger fitting (-8) will be the return line to the cooler on the reservoir. The smaller (-6 High Pressure) fitting will be the hose to the T/C pump. Hold port block with 7/8" Wrench while tightening fittings onto port block.
- 7.** Put together hoses with fittings. You will have to align the fittings to have the needed angle. (See Hose assembly instructions)
- 8.** Install hoses according to hose diagram
- 9.** Fill the filter full of power steering fluid and screw onto bottom of reservoir hand tight. Then add fluid to reservoir and fill the system full of supplied fluid.
- 10.** Follow the bleeding instructions

The Howe Performance Raptor Power Steering Kit is intended to be installed by professional installers only. Some tools will be required to complete the installation