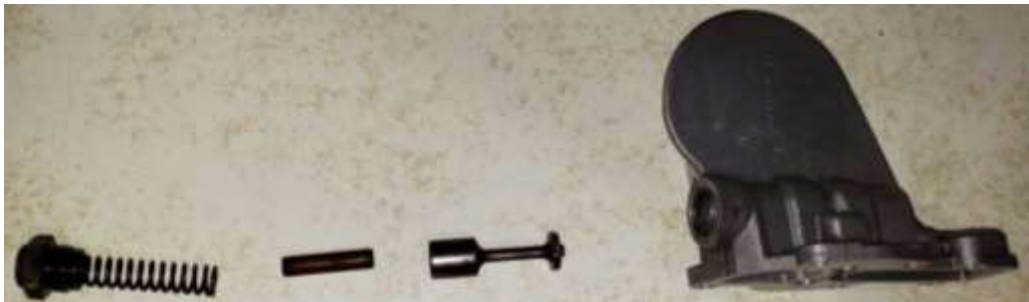




OM617 Oil Pick-up Modification

This is a brief overview of how to modify your oil pick-up to work with a modified oil pan. If you are not comfortable making this modification after reading these instructions, please opt to have Doomsday Diesel modify your pick-up for you. Tech support will not be available to help you modify your pickup. Also, Doomsday will not modify molested pick-ups.

Begin by uninstalling the check valve from the oil pick-up. The retainer bolt has a 24mm head. It is spring loaded, so use caution when unthreading. There are 4 pieces that you will remove. See picture below for your reference during reassembly.



Once you remove the check valve, more oil will present itself. Use non-chlorinated brake parts cleaner to finish cleaning out the housing. The next step is to cut off the bottom portion of the housing. Cut along the line left by the casting mold. Keep your cut parallel with the upper gusset.



A rear clearance sump pan will require the pick-up to be pointed towards the front of the engine, as shown in the picture, below. Front clearance pans, as used in Jeep YJ's, will require the oposite.



Center the round domed tube on the square tube.



Once you have both ends completely welded, check for leaks. Don't bugged up your sealing surface. It's definitely a good idea to clean the sealing surface and true it up once you're finished welding.

