

Installation Report on Moroso Oil Separator

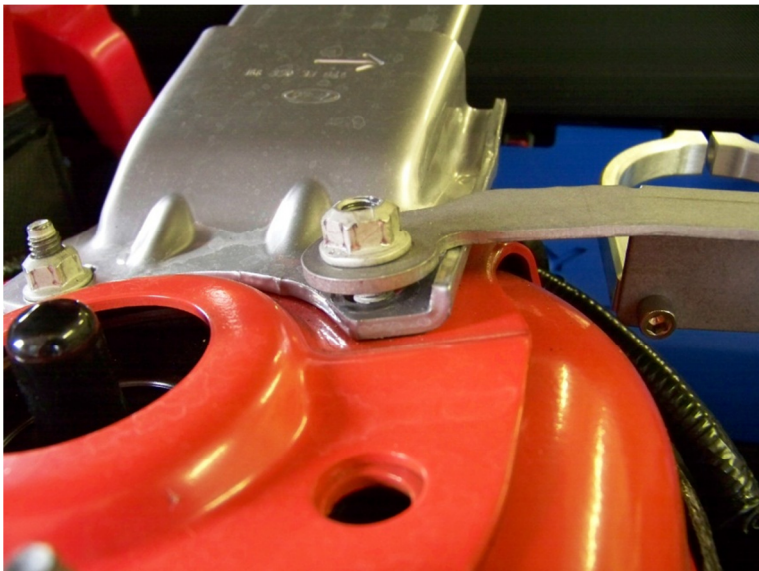
I was evaluating the various options for oil separators for my Boss 302 and decided on the Moroso unit even though it was one of the more expensive options (\$140). It looked like the kit was made up of high quality components and I liked that the convenience of the drain valve.

Here's what comes in the kit:



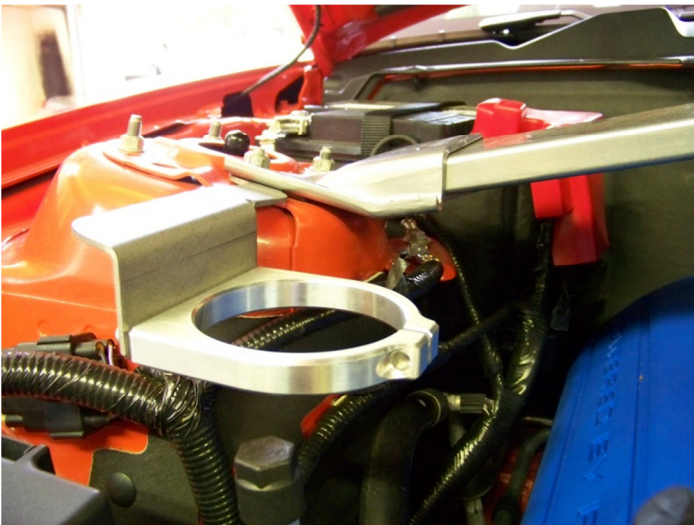
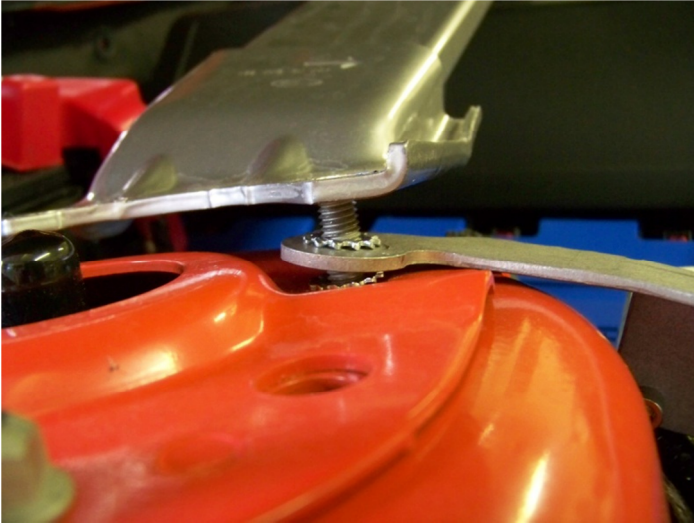
My only disappointment with the parts was the hose was clearly marked "Heater Hose". While I don't expect tons of oil to be flowing through it (there better not!), for \$140 you think they could at least provide hose rated for fuel and oil exposure. That's as bad as putting a cheap Chinese transmission in an otherwise world class performance car.

My next surprise was it will not mount on the strut tower brace bolt as described in the instructions. Why? Evidentially, the Boss brace is different from the GT. The GT has a flat surface that allows the Moroso mounting bracket to fit flush on top of it. The Boss brace has a raised "lip" that prevents the bracket from sitting flush on top of it:



I thought about my getting out my cutting tools and notching out the brace but rejected that idea in about 10 seconds. I finally decided to try sandwiching the bracket between the brace and the shock tower. I used a pair of external star

washers that served two functions: (1) keep the bracket from moving and (2) raise it a fraction of an inch to avoid marring the paint on the shock tower:



I assume raising one corner of the brace by 1/8" will not affect handling!

Finally, I found some NBR (nitrile) transmission cooler hose the local Napa store. I chose to use that instead of the heater hose supplied with the kit. Here's the completed installation:



All in all I give the Moroso Oil Separator a 4.5 star rating. It's clearly marked as being designed for the 2011/2012 Mustang GT so I can't fault Moroso for the mounting bracket issue. I'm marking it down ½ star for the heater hose. I'm sending a copy of this review to Moroso. Maybe they'll make Boss 302 specific version.