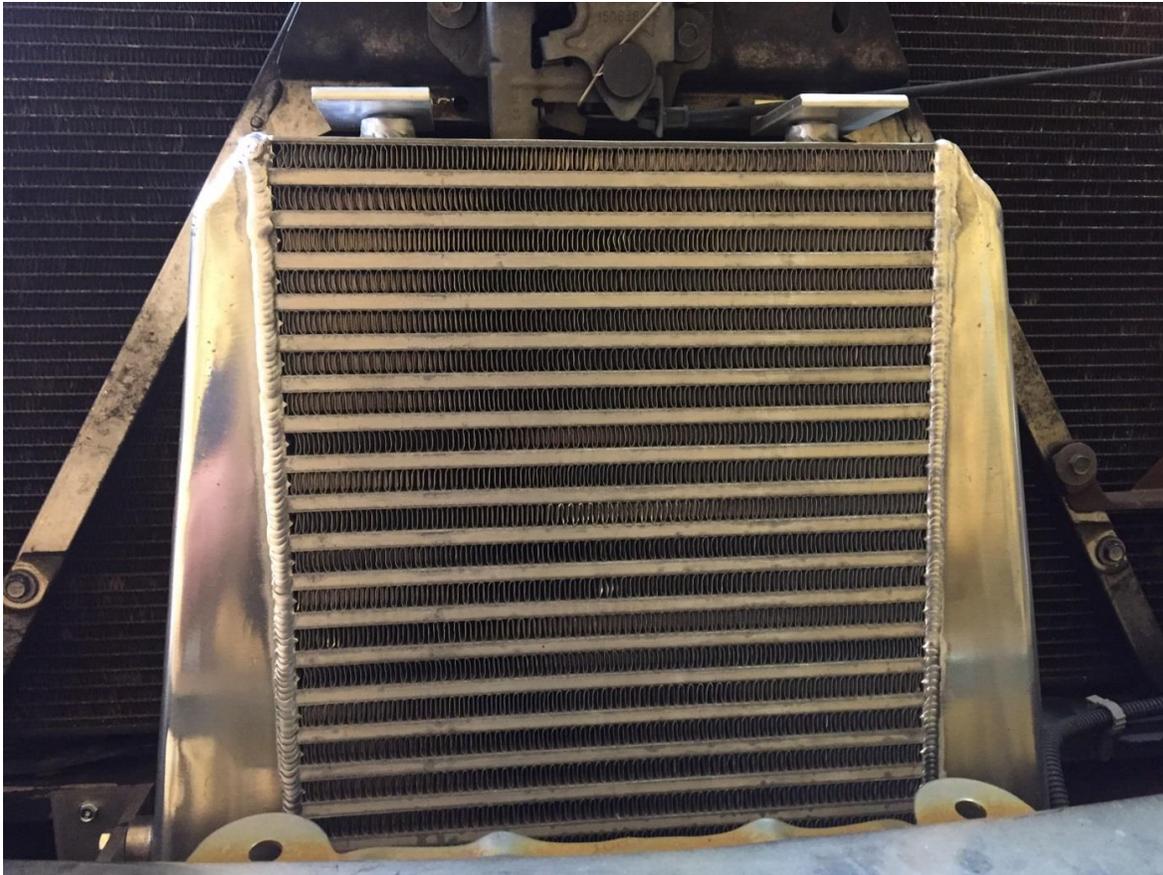
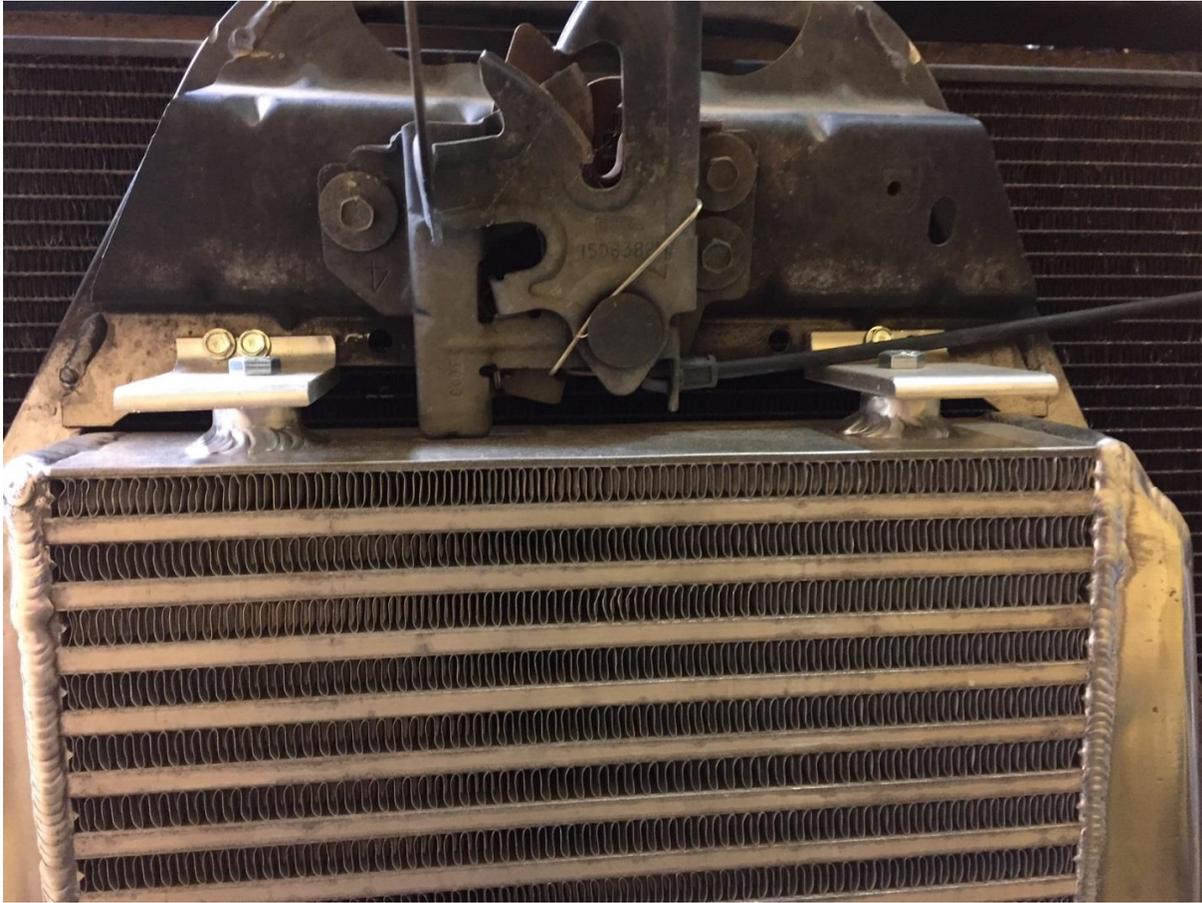


MONSTER INTER COOLER INSTALLATION

There are many ways to mount the inter cooler and routing the inter cooler piping. This is not the only way but a guide we have found works on most GM 1500 trucks with V8. Some parts may look different in these pics then what's in your kit. If you have a transmission cooler from the factory it will need to be removed and relocated to the front of your' inter cooler. There is a horizontal bar that is either bolted or welded to your "A" frame. This bar must be removed, by unbolting or cutting the weld off. Once removed clean the area and use some paint to cover any bare metal...

Mounting the inter cooler to your "A" frame core support. There are 4 inter cooler brackets. The 2 brackets with 1 hole and 1 slot. Those are your side mounts. The other wider with multiple holes are your top bracket. Install the top brackets using the supplied bolts leaving them loose for now. Raise the inter cooler from the bottom until the top brackets are against the bottom side of the hood latch. The inter cooler needs to be centered in the "A" Frame. Using the self-taper screws secure the top brackets to the "A" frame. Now let your' inter cooler rest against the "A" frame and tighten the inter cooler top mounting bolts. While still supporting the inter cooler so the brackets do not bend. Now install your side mounts bracket with bolts supplied. The slots on these brackets will go to the inter cooler. Using the self-taper screws now secure these brackets to the radiator core support. Tighten the side inter cooler mounting bolts. Your' inter cooler is secure to the truck.





!!!!!! As you install your silicones remember to slip your t-bolt clamps needed for that silicone!!!!

Starting at the turbo discharge.

The discharge will need to be aiming downward near your belt tensioner. The cover should be a little loose at this time so you can make small adjustments as needed. Install the 90° silicone that fits the discharge the silicone's outlet will be aiming forward toward the radiator. Depending on turbo, could be 2.5"/3.0"/4.0" The next piece will be a 90° aluminum tubing, (short side.) The long side or leg will be aiming down towards the ground.



Traveling down, Next will be a Straight silicone and Long leg of 45' aluminum. The end of this 45' aluminum tubing will have a 45' silicone coupler that will attach directly to the inter cooler on the passenger side.



Now tighten the T-bolt clamps on the piping installed. And remember to tighten the compressor cover bolts once finally adjustment is made. The passenger side inter cooler piping routing is completed.

Moving on to the Drive side starting at the intercooler. Install the 45° silicone coupler. Once installed it will need to be rotated slight inward. Then install the 45° aluminum tubing that has the blow off valve. The BOV is aiming inward.

“Tip.” Its easier to install the actual BOV on the work bench, prior to installing this tube.



Now if your vehicle is a **99-08 mass air system kit**. You will install the 3-3.750 transition silicone on to the end of your bov pipe. Then your Mass air meter, and finally the 3.750-3.5" transition silicone. If you are using Speed Density tuning, or a 09+ mass air meter. You would install a 3.0-3.5 transition on this BOV pipe.



Last aluminum pipe is your 3.5" throttle pipe. The Long Leg will slip in to the 3.5" silicone that was attached to the mass air meter or the BOV pipe directly. The short leg will be aiming at your throttle

body. Use the last silicone 4.0-3.5" slip onto the throttle body and the short leg aluminum pipe. Once all your locations are fitted properly start tightening all the bolt clamps.