

Pypes Off-Road H-Pipe Install

Current axle-back exhaust: FRPP/Borla Stingers

Pypes tubing diameter: 2.50"

Pypes H slip fitting diameters:

Female OD (drivers side): 2.150"

Male OD (passengers side): 1.990"

When the box was delivered, it looked like it was in bad shape. I was worried that the pipes were dented or something, but everything was okay.

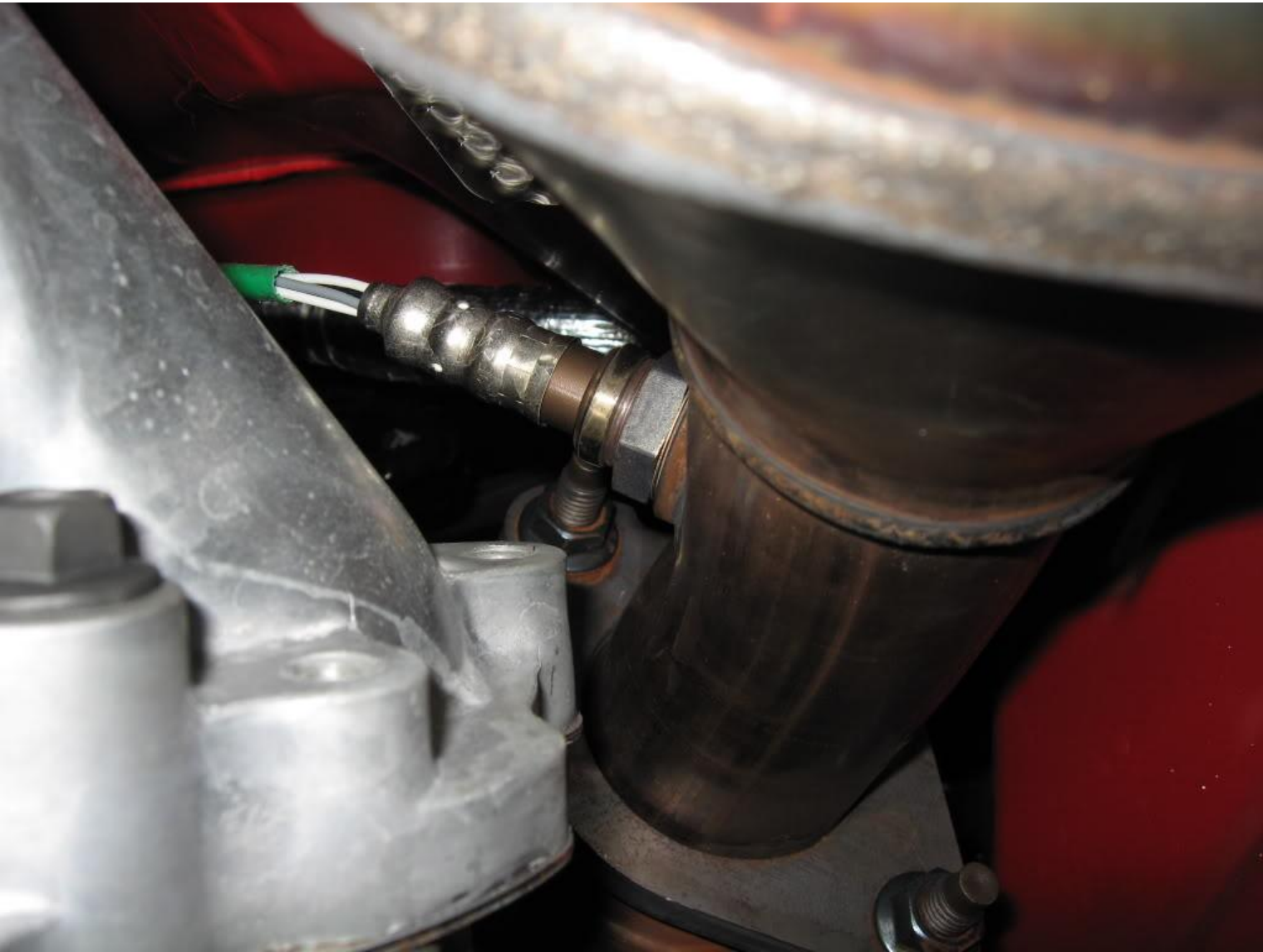


Here's the H-Pipe layed out straight from the box.





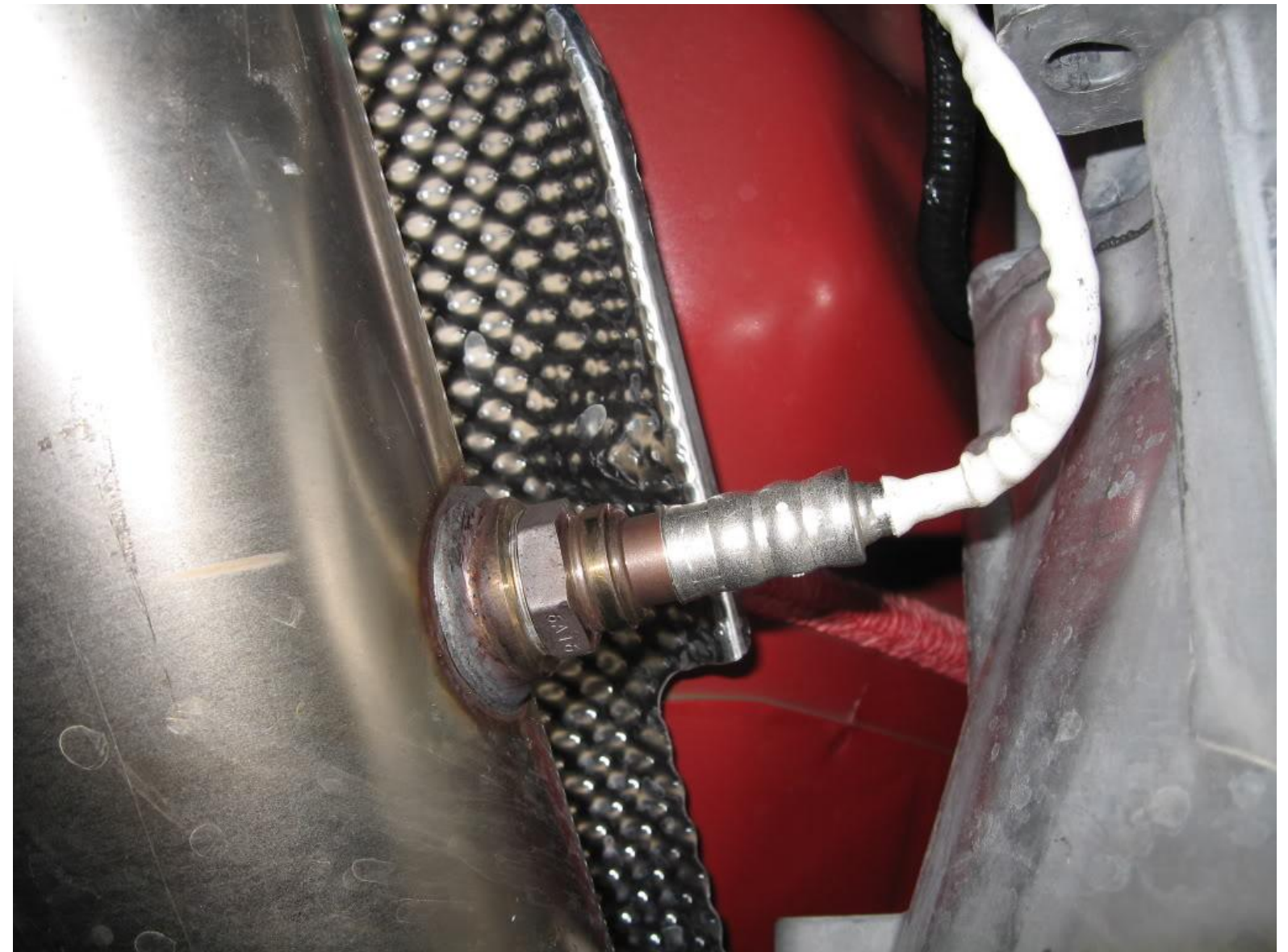
Passengers side forward O2 sensor and manifold flange.



Passengers side rear O2 sensor.

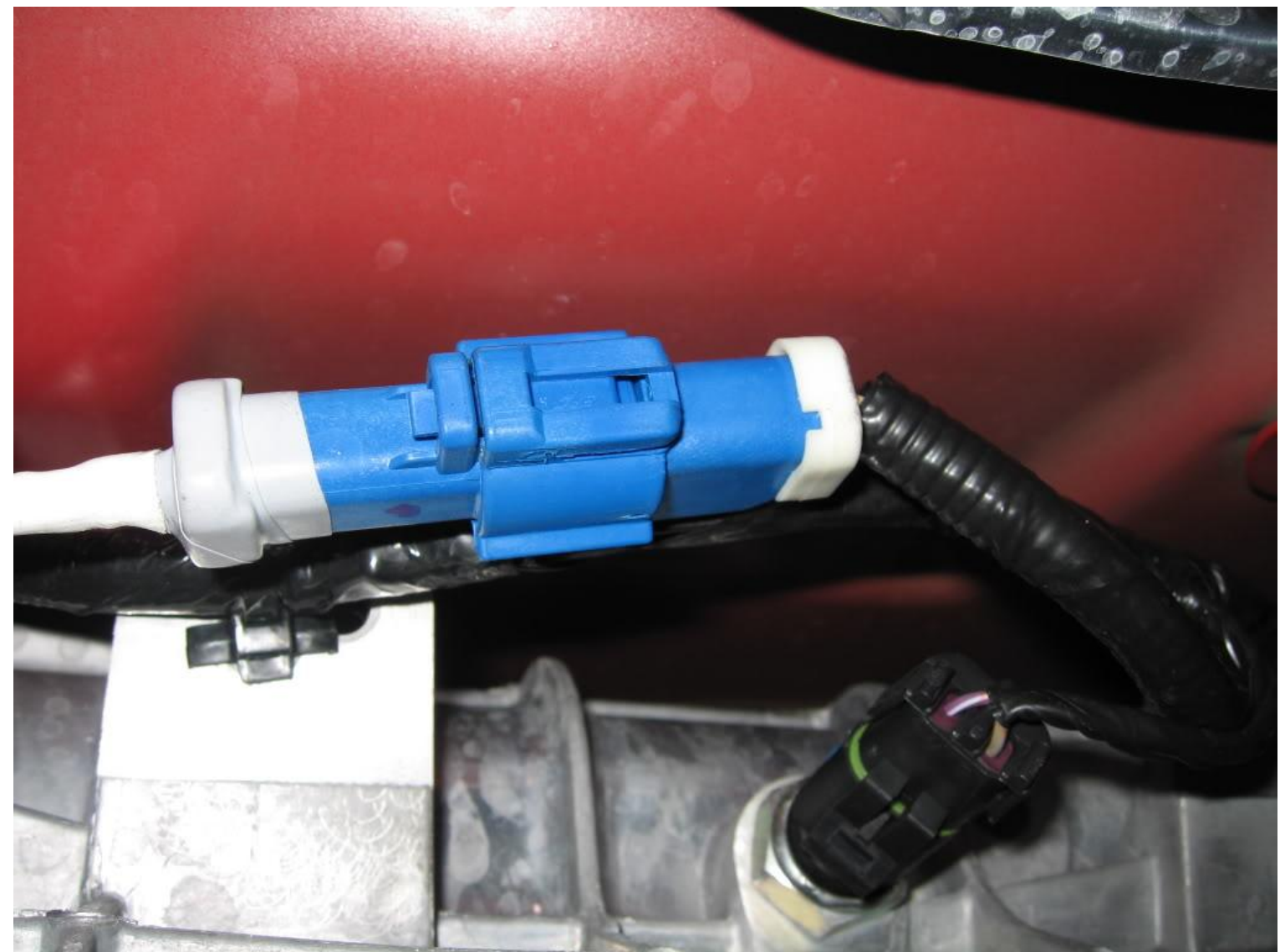


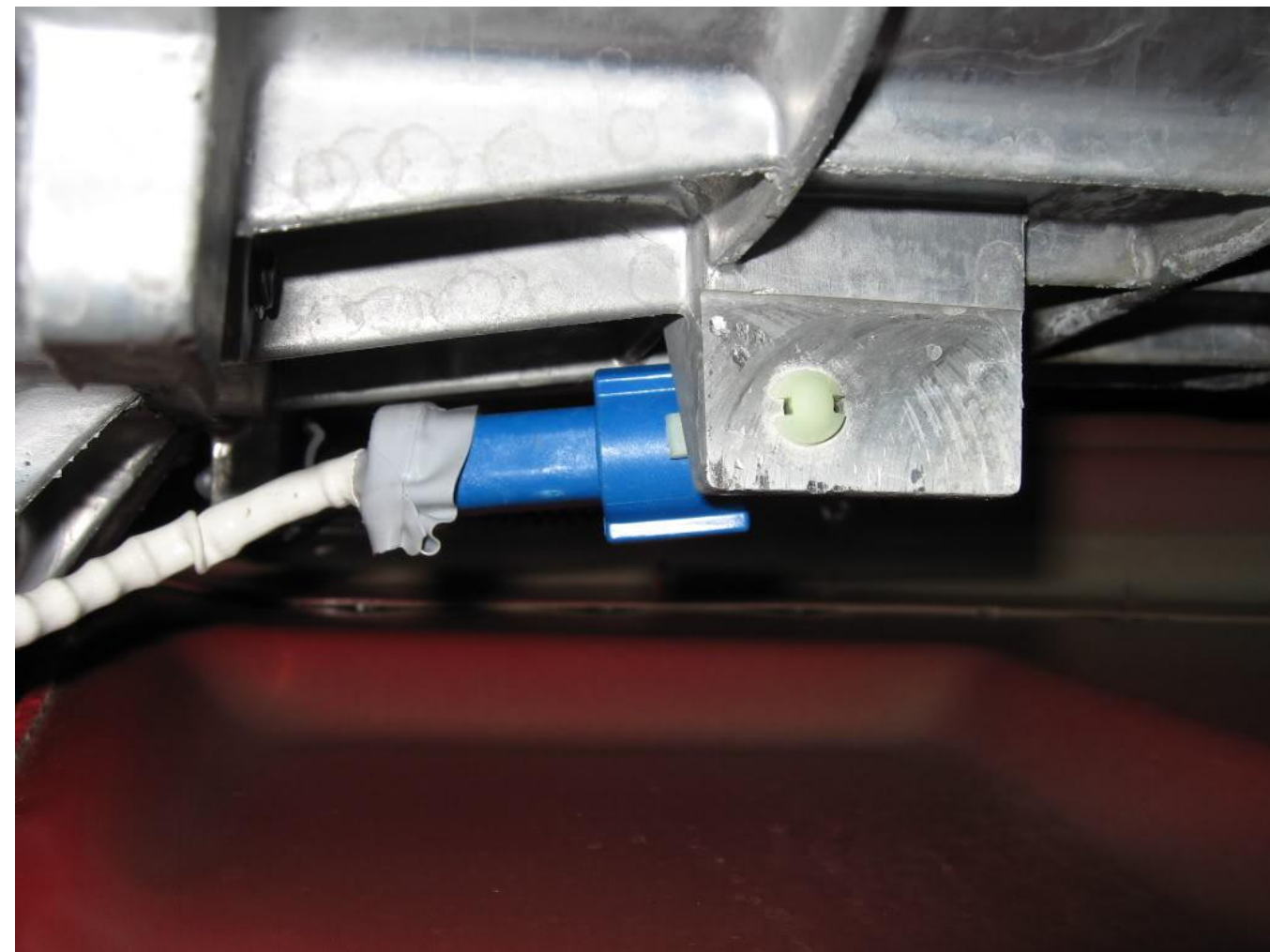
Drivers side rear O2 sensor.



The 2 rear O2 sensors (colored **BLUE**).

Note: On Automatics, the rear O2 sensor plugs are conveniently plugged right next to each other.





Next came time to unplug the (passenger side) forward O2 sensor (colored **GREEN**). This proved to be a royal pain in the butt. I tried to reach the connection plug from the bottom (impossible) and from the top (barely touching my fingers on the plug). Not to waste anymore time, I yanked the battery and tray out. Problem solved.



AVERTISSEMENT - Pour éviter des blessures, lisez attentivement le manuel d'instructions avant d'utiliser l'appareil. Ne laissez pas l'appareil fonctionner sans surveillance. Ne laissez pas l'appareil fonctionner plus de 10 minutes.

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WARNING: In order to avoid personal injury see owner's guide for jump start instructions. Cold cranking amps **500**

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Now it was time to break loose the exhaust manifold bolts. You need a swivel, deep socket, and a long extension to accomplish this, especially for the upper nuts. After fighting the nuts for several minutes (wouldn't budge for the life of me), I sprayed some penetrating oil on the nuts and like magic, they came off with minimal effort! Who knew...

Now it was time to loosen the mid-pipe clamps. They loosened up no problem, but would not slide back onto the over-axle side of the pipes. After wasting more time messing with them, I discovered that you have to lift up on this little tab that indexes with an alignment rivet (just like the muffler pipe to over-axle pipe). Use a screwdriver and gently lift up on the tab.



Once all is loose and ready to drop, carefully pull the hanger rods from the rubber mounts and it'll come down.

A 22mm open end wrench was used to remove the O2 sensors. I moved them over one at a time. I used a dab of anti-sieze lube on the O2 sensor threads before screwing them into the threaded boss of the H-Pipe.





Because I just wanted to install this thing, I chose to use the included saddle clamp. I orientated them facing aft at first, but discovered that it'll interfere with the mid-pipe clamps when tightening. So, I face them forward. A drop of red Loctite was used on the clamp nuts.



Side-by-side comparison between the factory H-Pipe and the Pypes Off-Road H.

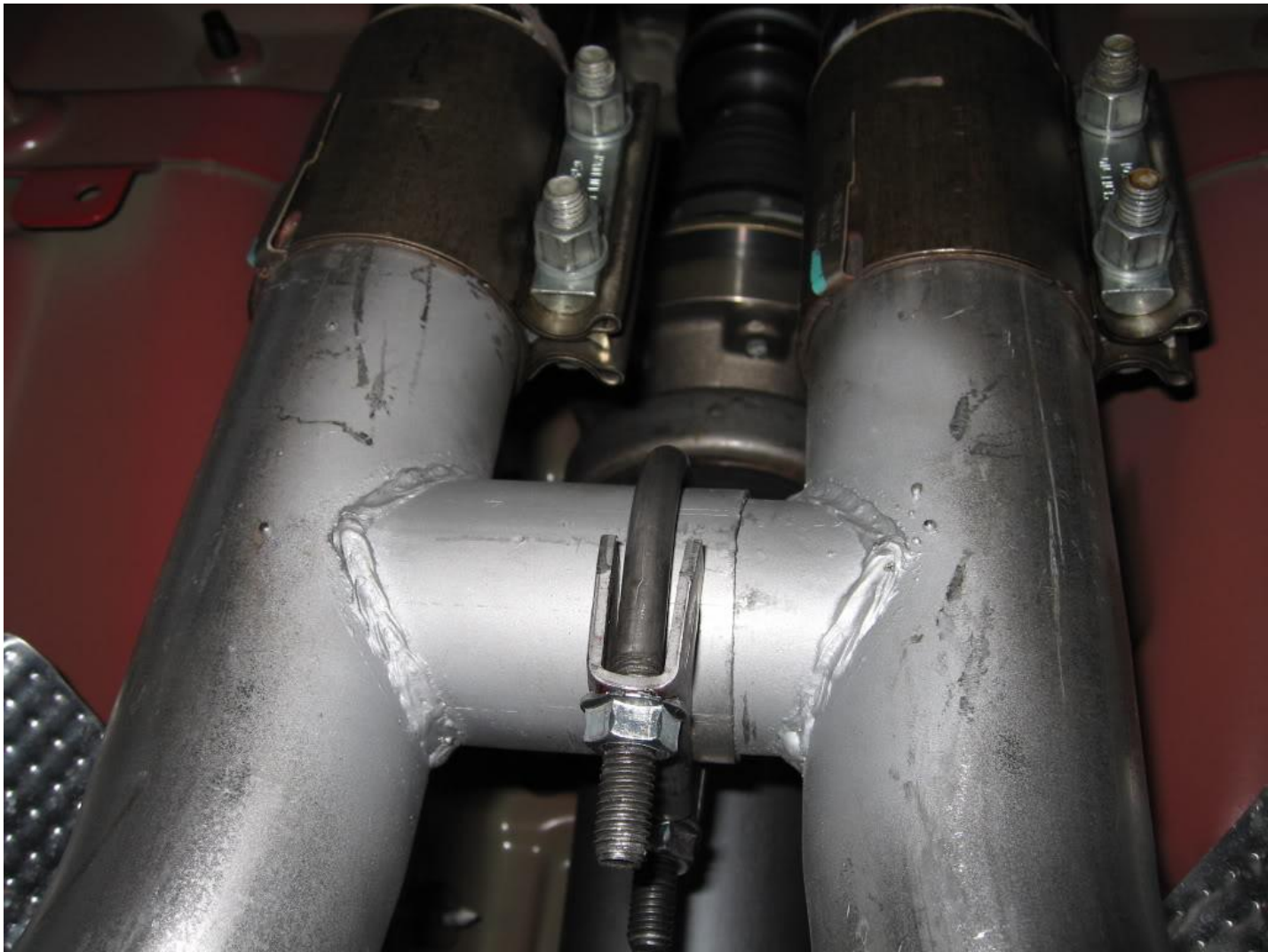








Everything gets re-installed like it was. I put some Anti-Sieze on the threads of the O2 sensors and on the manifold nuts. And don't forget to reconnect all 3 O2 sensors! I left tightening the 'H' saddle clamp until last so there's no preload in that section. That clamp is a piece, you can't really crank down on those nuts because they'll start to slip. I'll definitely keep an eye on this clamp for any loosening or slipping. ** UPDATE: after 8 months, clamp is still on tight. **



Installation complete!

The sound is raw and pure! Be forewarned though, if you dislike any droning sounds at all, this O/R-H may not be for you. However, if you're in to loud and obnoxious, this is most definitely for you!

Courtesy of TacoBill from mustangforums.com