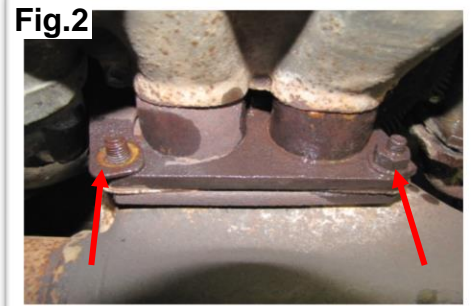
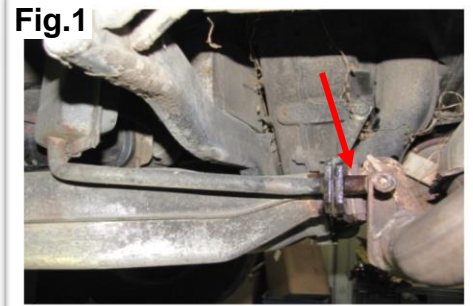


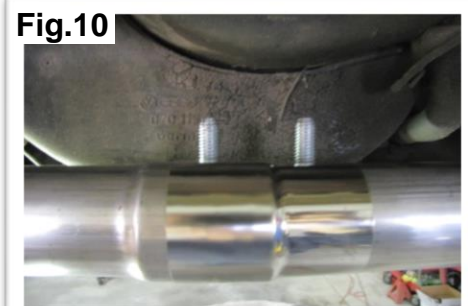
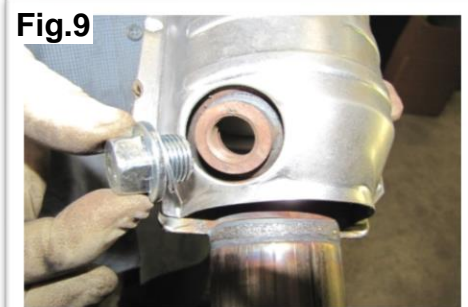
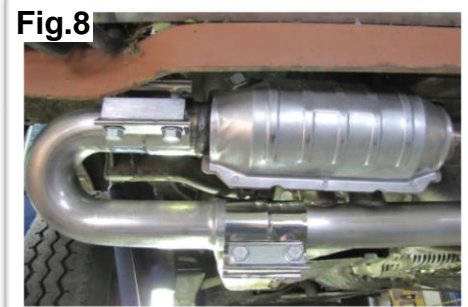
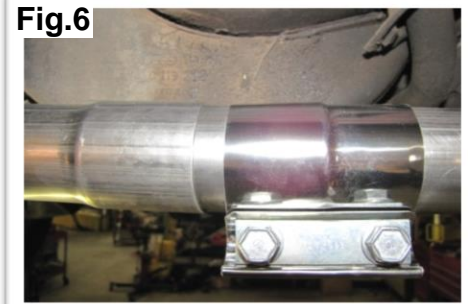
Air Cooled Exhaust Installation Instructions

1. Soak all the nuts and bolts holding the exhaust on with penetrating oil.
2. Unbolt the EGR tube from the exhaust which is on the driver's side (Fig.1).
3. Remove the 6 bolts (3 on each side) attaching the exhaust headers. (Fig.2). An "S" shaped wrench will aid in the removal of the top nut, however, a straight box end wrench will work fine as well.
4. Once the 6 nuts and bolts are removed, you can remove the complete exhaust system (Fig.3).
5. Sand the exhaust flanges and get rid of any excess carbon and corrosion left from the old exhaust (Fig.4).
6. Starting with the right side (passenger), Install washers onto the bolts, mount an exhaust gasket between the new exhaust and the exhaust flange on the van and start the copper nuts (Fig.5). All hardware and gaskets are provided. Leave the hardware loose until all parts are loosely installed.



Air Cooled Exhaust Installation Instructions (cont. A)

7. Install a torc tite TTS 200 clamp onto the right side header pipe. Leave the bolts on the clamp loose (Fig.6).
8. Install the left side (driver) header pipe the same way as you installed the passenger's side with washers on the bolts and a gasket in between the exhaust flanges. Start the nuts and leave them finger tight (Fig.7).
9. Install a torc tite TTS 200 clamp onto the left side header pipe and slide the "U" pipe onto the header pipe. Tighten the exhaust clamp nuts and bolts finger tight only (Fig.8).
10. For non-O2 sensor vans, install the provided plug into the catalytic converter (Fig.9).
11. Tighten the exhaust flange nuts and bolts at this time. Torque them to 20 ft. lbs.
12. Tighten the center exhaust clamp between the two header pipes. Position the bolts so they are pointing straight up and on the inside of the pipes closest to the fan housing. Torque the hardware to 50 ft. lbs. (Fig.10).

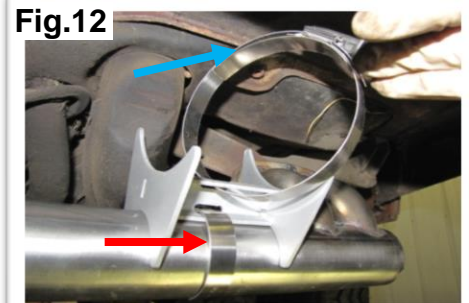


Air Cooled Exhaust Installation Instructions (cont. B)

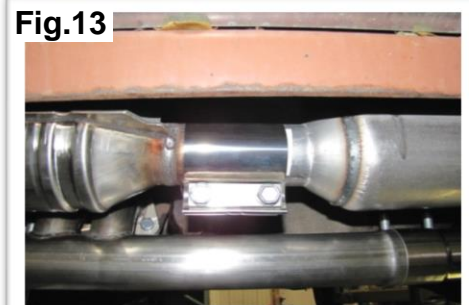
13. Install torc tite TEC 200 clamp onto catalytic converter and leave loose. Install the sleeve into the catalytic converter until it stops at the spot welds (Fig.11).



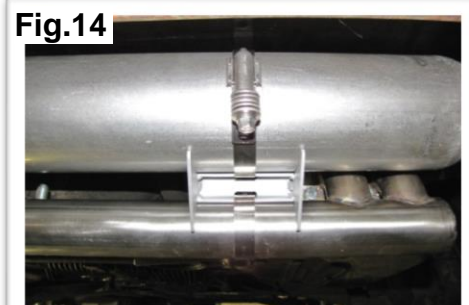
15. Place muffler holding bracket onto to muffler and open up the smaller of the 2 worm drive clamps and attach it to the header pipe (Fig.12 *) and through the bottom of the bracket. Tighten it enough so the holding bracket stays in place. The bracket should be on top of the header pipe. Open up the larger worm drive clamp that will hold the muffler and slip it through the top of the bracket preparing it to receive the muffler (Fig.12 *).



14. Install the muffler through the large worm drive clamp and onto the sleeve under the same torc tite clamp as the catalytic converter. Push the muffler towards the catalytic converter until it hits the spot welds on the sleeve (Fig. 13). Position the exhaust clamp as shown in the image in Fig.13 and tighten the clamp finger tight or just enough to still allow rotation of the catalytic converter and muffler.



16. The muffler bracket will end up looking like (Fig.14).



17. Once everything is installed, you can spin the catalytic converter so that the heat shield does not interfere with the body of the van. You can now tighten all the exhaust clamps to 50 ft. lbs. It is our suggestion that you run the van till the exhaust gets hot and then re-torque the clamps to spec.



18. Finally, install the tail pipe with the remaining torc tite TEC 200 clamp and tighten to 50 ft. lbs.