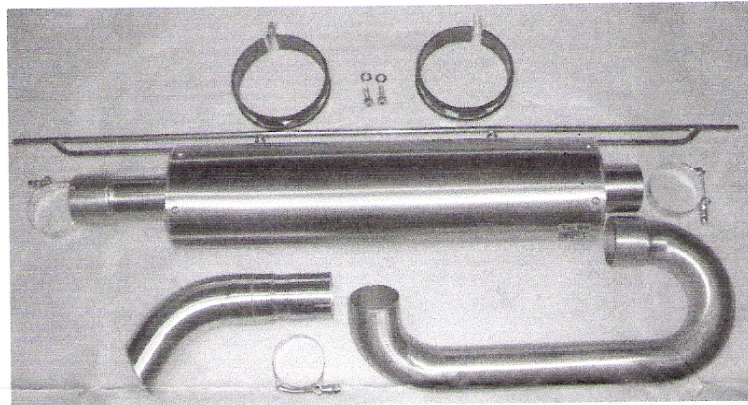




Installation Instructions For Part Number 01-108 Exhaust System

Von Hep Stainless Steel Exhaust Parts List (fig. 1):

Description	Qty
Stainless Steel Muffler	1
Stainless Steel Tail Pipe	1
Stainless Steel Single Tip	1
Stainless Steel T-Bolt Clamp 2.5"	2
Stainless Steel T-Bolt Clamp 2.25"	1
Stainless Steel Muffler Strap w/Silicone Damper	2
Stainless Steel Tubular Hanger Bracket	1
8mm Allen Bolt	2
8mm Washer	2



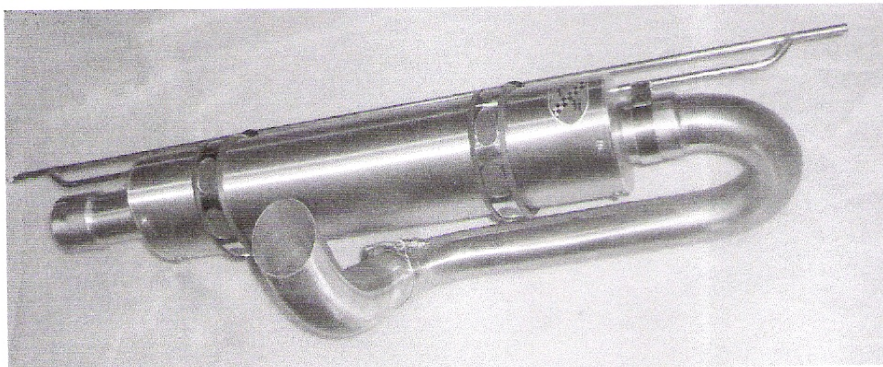
(fig. 1)

PREPARATION:

1. Remove the following stock parts:
 - a. Rear diffuser
 - b. Rear license plate panel assy
 - c. Muffler
 - d. Heat Shields

PRE-ASSEMBLY (FIG. 2)

1. With the muffler laying flat and the label facing you, place the muffler straps with silicone dampers on the muffler in the orientation shown, with the tabs pointing up slightly behind the center line of the muffler. At this point a little WD-40 or similar product on the silicone dampers where they meet the muffler body will aid in adjustments later.
2. Install the tubular hanger bracket to the backside of the muffler straps using the 8mm allen bolts and washers. Leave slightly loose for adjustment later.
3. Install the tail pipe behind and under the muffler with one of the 2.5" T-bolt clamps. Leaves slightly loose for adjustment later.
4. Install the muffler tip as shown using the 2.25" T bolt Clamp
5. Place the stock rubber damped mounts on the ends of the tubular hanger bracket.
6. Place the remaining T-bolt clamp on the inlet side of the muffler.



(fig. 2)

Installation

1. Slide the pre-assembled exhaust system on to the stock exhaust outlet. Do not tighten clamp yet.
2. Install the stock rubber damped mounts that are now on the end of the tubular hanger bracket to the original mounting locations using the stock hardware. Tighten only these 8 bolts at this time.
3. In this stage of the installation, the muffler should have a fair amount of adjustment available. Orient the muffler so it is parallel to the tubular hanger bracket and tighten the 8mm allen bolts on the muffler straps
4. Using a dremel or similar device, trim the rearward "nipple" of the diffuser muffler exit hole
5. Reinstall stock rear diffuser
6. Adjust the rotation of the tailpipe and the slip fits to achieve a centered and pleasing angle of the muffler tip
7. Tighten all three T bolt clamps
8. Heat shields are a topic of some debate. It is recommended that you at least re-use the stock heat shield that covers the U-bend.
9. Install a Von Hep License plate bracket (or similar product), or reinstall rear license plate panel assy.

Finish Up

1. Take a step back and have a look. If everything looks straight, double check that you've tightened all your hardware. If not, loosen the appropriate clamp and re-adjust. Re tighten all hardware
2. Triple check all your work.
3. Install 1 ea. die cut Von Hep stickers in the rear window of the Elise and one other car.

If you are unsatisfied in any way or have any suggestions on this or any other Von Hep Product, Please feel free to contact us. Thank you for your purchase.



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