



SALEEN SPEEDLAB EXHAUST KIT



INSTALLATION MANUAL: 2005-current Mustang 4.6L 3V

P/N: 10-8002-C11791B

SALEEN

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***IF YOU ARE NOT EXPERIENCED IN THE
AREA OF AUTOMOTIVE MECHANICS, WE
STRONGLY URGE THAT YOU REFER THIS
INSTALLATION TO A CERTIFIED INSTALLER
OR TECHNICIAN***



Saleen Speedlab Exhaust Kit Installation Guide for 2005-current Mustang 4.6L 3V

Thank you for buying the Saleen Speedlab Exhaust Kit for the 2005-current Mustang with the 4.6L 3-valve motor. We appreciate your business, and we hope you enjoy your product.

For your benefit, please read the following instructions completely and thoroughly before attempting to install the exhaust kit. Many questions we have received from customers about the installation of our products could have been easily solved by information listed in the accompanying installation guide. We want you to enjoy the product in its fully functional state, and reading this tutorial is the first step to getting you on your way to a more rare and better performing Mustang.

NOTE: Please keep all hardware you remove from your stock Mustang, as much of it will be reused to install the new exhaust kit pieces.

ALSO, THE SALEEN REAR FASCIA AND EXHAUST ARE DESIGNED TO GO TOGETHER. YOU SHOULD HAVE BOUGHT BOTH THE REAR FASCIA AND THE REAR EXHAUST; THE REMOVAL OF THE STOCK EXHAUST AND INSTALLATION OF THE SALEEN EXHAUST SHOULD BE DONE AFTER THE STOCK REAR FASCIA HAS BEEN REMOVED AND BEFORE THE SALEEN REAR FASCIA IS INSTALLED.

Please take caution in installing this kit; the car will be up on jack stands and the car can fall and cause serious injury if not properly placed on jack stands.

Again, thank you for choosing Saleen!



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OBTAIN THE FOLLOWING TOOLS:

- 13mm ratcheting wrench
- 3/8" impact gun
- 3/8" drive 15mm deep socket
- Semi-flat black spray paint
- 10mm ratcheting wrench
- Polyurethane foam (must bond to metal)
- 1/4" drive (air) ratchet
- 1/4" drive 13mm socket



I Exhaust Removal

Obtain the following tools:

- 3/8" drive 15mm deep socket
- 3/8" drive impact gun
- 13mm ratchet wrench

Order of Operations:

1. The stock rear fascia should have been removed already, and the new Saleen rear fascia should not be installed yet; refer to the Saleen body kit installation manual.
2. Spray WD40 on the 12 bolts that hold the exhaust in place (Figures 1-3), and wait a few minutes before attempting to remove.
3. Note the orientation of the two brackets located above each muffler that hold each of the two mufflers' hangers in place (Figures 1 and 2). The bracket is shown after removal in Figure 5.
4. Remove the two bolts on each bracket - except for the rear driver side bracket, which you will leave in place - with a 13 mm ratcheting wrench. Save all four brackets and eight bolts because they will be used to install the new exhaust.

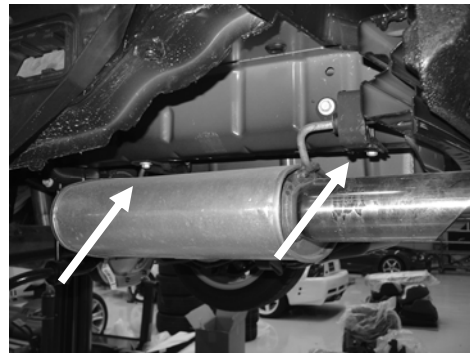


Figure 1

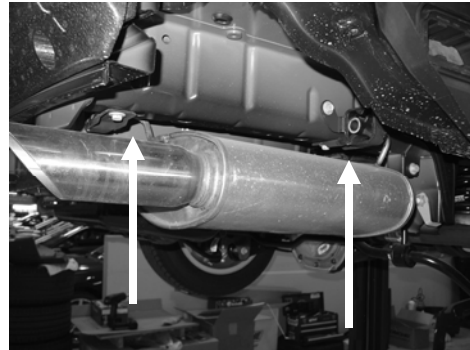


Figure 2

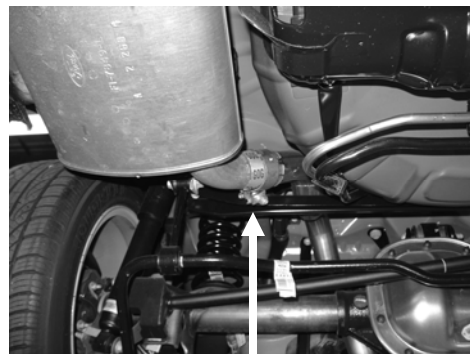


Figure 3



5. Using the 3/8" impact gun with the 15 mm socket, take off the nuts to loosen the exhaust clamps on both mufflers. Be careful, because the mufflers will fall off the car if you don't hold them. Loosen the exhaust connection with one hand and hold the muffler with your other hand (Figures 3 and 4). Keep all hardware for installation of the new exhaust.
6. Bend flanges on gas tank forward so they are flush with the gas tank (below rear bumper; see Figure 6).

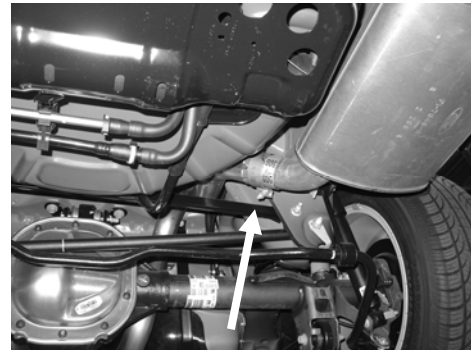


Figure 4

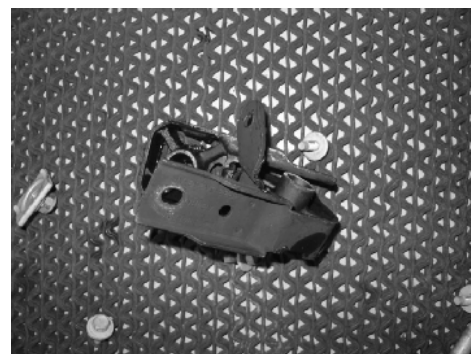


Figure 5

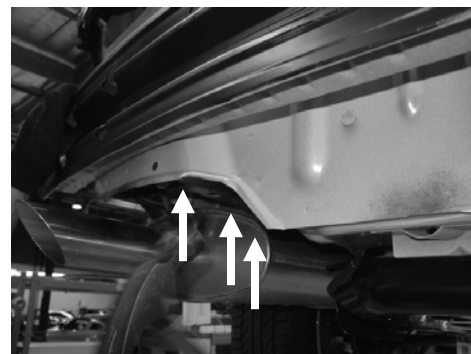


Figure 6



II Rear Bumper Painting

Obtain the following tools:

- Semi-flat black spray paint

Order of Operations:

1. Before the exhaust is mounted, paint rear bumper as shown in Figure 1.
2. Paint rear of gas tank (Figure 2).



Figure 1



Figure 2



III Exhaust Painting

Obtain the following tools:

- Semi-flat black spray paint

Order of Operations:

1. Wrap exhaust tips in plastic or an appropriate paint-blocking cover, and secure cover with masking tape to provide an air-tight seal, as shown in Figure 1.
2. Paint area outlined in white box in Figure 1.
3. Wrap up all exhaust piping and the butterfly valves in plastic and tape off with masking tape. Paint the back face of each muffler.

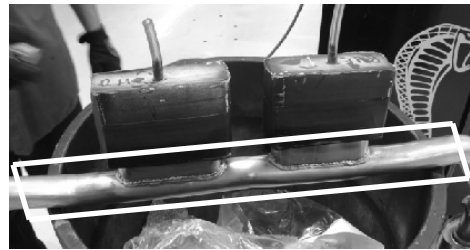


Figure 1



IV Exhaust Installation

Part Number	Description	Qty.
06-2102-C12385	EXHAUST SYSTEM 2006 MUSTANG	1

Obtain the following tools:

- 13mm ratcheting wrench
- 3/8" impact gun
- 15mm deep socket

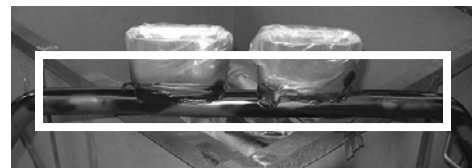


Figure 1

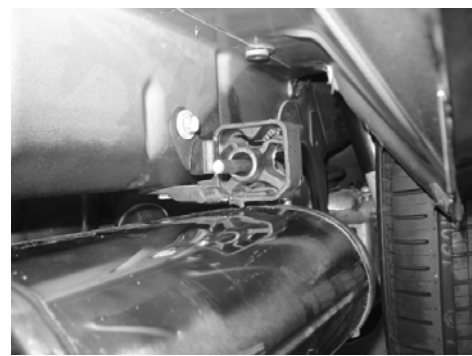


Figure 2



Figure 3

Order of Operations:

1. After the appropriate designated areas of the exhaust, rear bumper and back of the gas tank have been spray painted black and allowed at least half an hour to dry, and the flanges on the gas tank have been made flush with the rest of the tank, proceed to install the exhaust.
2. Apply red synthetic grease to the four hangers.
3. Slide the three removed brackets onto the corresponding hangers. The brackets are positioned the same way as stock (passenger side front bracket shown from the rear in Figure 2).
4. Having somebody help you hold the exhaust up (the exhaust may fall if you let it hang on just two brackets!), insert the driver side rear exhaust hanger into the driver side rear bracket that was not removed.
5. Lift up on the exhaust system so that the holes in the brackets on the exhaust hangers line up with the holes in the underbody, and reinstall all of the stock bolts. This part is opposite the removal of the stock system. (Figure 3)

6. With someone still helping hold up the exhaust, thread the bolts through the forward brackets and into the chassis. (Figure 2)
7. Loosen the two nuts holding each of two forward clamps onto the exhaust (located near the transmission). Remove the driver side over-axle pipe from its forward connection. (Figure 4)
8. Place the torque clamp (a round clamp; see Figure 6) over the passenger side pipe of the new unit. Connect the passenger side over-axle pipe to the passenger side pipe of the new exhaust tip assembly. Push the pipes together until the notch on the new exhaust completely surrounds the button on the stock piping. Tighten in place with the 15mm deep socket. (Figures 5, 6)
9. Place the stock torqua clamp over the driver side of the new exhaust unit. Fit the rear end of the driver side over axle pipe into the driver side of the new exhaust unit. Partially tighten the stock clamp. (Figure 6)

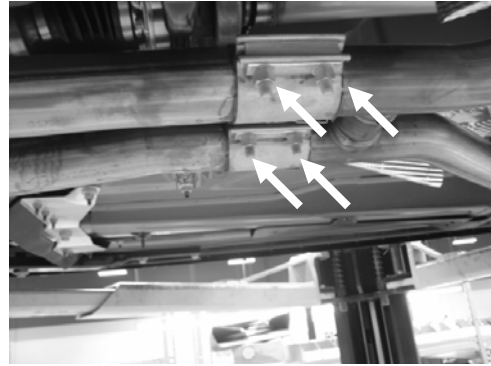


Figure 4



Figure 5

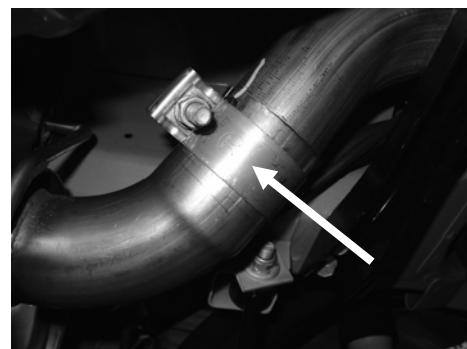


Figure 6

10. Reinsert the driver side over axle pipe into its forward connection near the transmission.
11. Adjust the clamp on the forward section of each over axle pipe so it is further forward than its stock location, if necessary. Pull the entire over-axle pipe forward if necessary to make the connection. The clip on each clamp must fit over a button on each catalyst (forward) pipe for the system to be secure.
12. Partially tighten the forward connection of the pipes.
13. Adjust the gap between the new exhaust unit and the back of the gas tank by pulling on the exhaust unit. When you are satisfied with the fitment of the new exhaust unit, and you have checked that all four adjusted joints are properly connected, tighten down all four clamps – the two torqua clamps at the rear, with one nut each, and two clamps near the transmission with two nuts each.
14. Tug firmly on the exhaust in multiple locations to make sure it is secure.



Figure 5