

Polaris Sportsman 500 & 800 X2 (2006-2009)

Installation: Slip On System



Please Read Carefully

Read all instructions before installation. Make sure the vehicle and exhaust system are completely cool & on level ground before installation. You should have some mechanical knowledge and a basic set of tools. (A lift, center or rear stand will help.) We advise that this installation be done by a qualified technician. If this is a street vehicle, you may need to modify or replace your stock license plate bracket and turn signals. Please consult your local dealer. Check your local laws to make sure you are in compliance. HMF is not responsible if you are not.

Stock Slip On Removal

1. Make sure the machine is on level ground and **completely** cooled down.
2. Using a **Spring Puller** or piece of **Wire**, remove the **Stock Springs** that hold the **Silencer** and **Head Pipe** together.
3. Loosen the **Silencer Mounting Bolts**.
4. Brace the back of the **Silencer** with one hand, and take the **Bolts** the rest of the way out.
5. Pull back and twist until the **Silencer** is removed.
6. Inspect and replace the **Stock Gasket** if necessary, you will reuse it with your **HMF Silencer**.
7. Remove the **Rear Exhaust Mounting Brackets**.

HMF Slip On Installation

1. The rear most holes on both sides of the machine must be drilled larger to accommodate the new mounting bolts. Drill holes using an **8mm** or **5/16" bit**. (See Figure 1) Retouch the paint to prevent rust.
2. Slide the **HMF Silencer** onto the **Stock Head Pipe** (with gasket) and align the holes of the **Mounting Brackets** with the drilled holes. You will reuse the **Stock Gasket**.
3. Mount the **Silencer** using the **Supplied Bolts** and the supplied **Springs**. Align the **Silencer** and tighten. (See Figure 2)
4. With most applications, rejetting/remapping is a necessity.

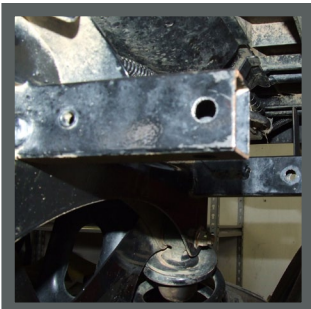


Figure 1

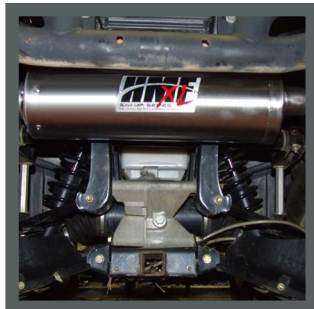


Figure 2

Recommended Optimizer Settings: 1.5 / 3.5 / 2.5

These settings are to be used as a starting point and were determined on our dyno at 900ft - 60°F. The final tuning is up to the customer. For more information about tuning, visit www.HMFracing.com.

Warranty Information

All HMF exhaust systems are covered by a limited warranty described on the enclosed warranty card. Mapping/Jetting and installation are the responsibility of the customer. HMF Performance exhausts are designed for closed-course competition use only.

Having trouble? We can help.

If you're still having trouble with your installation, visit www.HMFracing.com and contact us by e-mail, Forums, or by calling 866.HMF.PIPE



This exhaust, EFI Controller, air filter, jet kit is not intended for use/sale in California and does not meet California, Federal, EPA, CARB noise or emission standards for on road/highway, public, private or state land and is prohibited for use by Federal law. This exhaust, EFI Controller, air filter, jet kit is intended for use in "closed course competition off road racing use only" on machines which do not fall under the California, Federal, EPA, CARB noise or emission standards. Modifications which exceed California, Federal, EPA, CARB noise or emission standards on non "Closed course competition off road racing use only" vehicles is prohibited by Federal law.

FOOTNOTE: 2006 and newer motorcycles with head/tail lights OEM from the manufacturer and every all terrain vehicle, even those intended for off road closed course competition use, are considered California, Federal, EPA CARB noise or emission controlled vehicles. Vehicle emission control information is noted in the owners manual and on the machine air box lid and exhaust muffler. Any modifications which exceed the California, Federal, EPA, and CARB noise or emission standard is prohibited by Federal LAW.