



Polaris Predator

Installation: Slip On & Full 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. Remove the **Seat** and the **Right Side Plastic Cover**. (See Figure 1)
2. Remove the **Silencer-to-Frame Bolts** and remove the **Silencer**.

HMF Slip On Installation

1. Slide the **T-Bolt Clamp** onto the **HMF Inlet**. (See Figure 2)
2. Slide the **HMF Exhaust** onto the **Stock Head Pipe**. (See Figure 3)
3. Using the supplied hardware, mount the **HMF Silencer** in the stock location in this manner: **Supplied Bolt: Washer: Silencer Mount: Spacer: Frame**

Tighten in this order:

Silencer Mount-to-Frame Bolts
T-Bolt Clamp

4. Re-install the side **Plastic Cover** and **Seat**.

Stock Full System Removal

1. Remove the **Seat** and the **Right Side Plastic Cover**. (See Figure 1)
2. Remove the **Silencer-to-Frame Bolts** and remove the **Silencer**.
3. Remove the **Cylinder-to-Head Pipe Bolts**.
4. Remove the **Stock Head Pipe**.

Inspect the Cylinder-to-Head Pipe Gaskets. If they look crushed, replace them with new ones from your Polaris Dealer.

HMF Full System Installation

1. Mount the **HMF Head Pipe** into the **Cylinder Ports** using the **Stock Nuts**.
DO NOT TIGHTEN
2. Slide the **T-Bolt Clamp** onto the **HMF Inlet**. (See Figure 2)
3. Slide the **HMF Silencer** onto the **HMF Head Pipe**. (See Figure 4)
4. Using the supplied hardware, mount the **HMF Silencer** in the stock location in this manner: **Supplied Bolt: Washer: Silencer Mount: Spacer: Frame**

Tighten in this order:

Silencer Mount-to-Frame Bolts
T-Bolt Clamp
Cylinder-to-Head Pipe Nuts

5. Re-install the **Side Plastic Cover** and **Seat**.

Recommended Slip On & Full System Jetting Specs:

155 Mikuni Small Round

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.



Figure 1

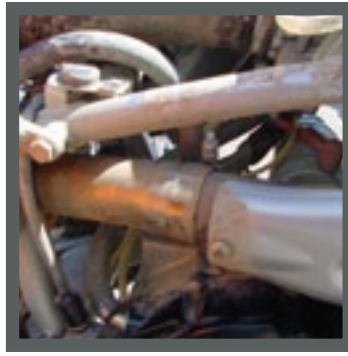


Figure 2

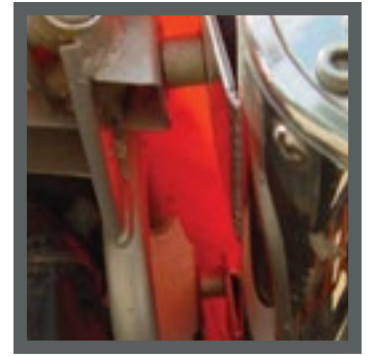


Figure 3



Figure 4

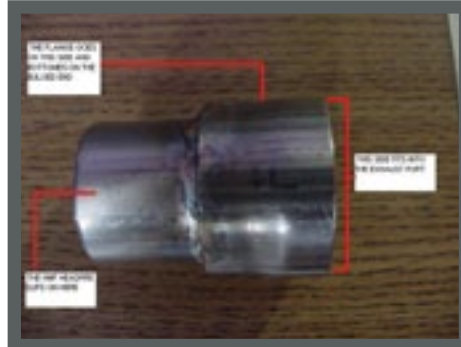


Figure 5



Figure 6

Cylinder to Head Pipe Flange Assembly

1. The bigger end of the **Spigot** goes into the **Silencer Port**.
2. Slide the **Flange** onto the **Spigot** until it bottoms on the bulged area.

NOTE: Make sure the **Spring Hole** in the **Flange** matches where the **Spring Tab** will be on the **Head Pipe**.

3. Slide the new **HMF Head Pipe** onto the **Spigot** and install the **Springs**.

NOTE: Do not tighten the **Cylinder to Spigot Nuts** until the complete system is on.

See Figures 5 & 6 for reference.

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