



Dual Full System Exhaust Instructions

For Models: RZR® RS1 (2018-2019)

Removal












1. Remove the **silencer cover**. (See Figure #1)
2. Unplug the Oxygen sensor from the vehicle wiring harness.
3. Remove the 2 bolts and springs at the **head pipe-to-silencer joint**. Remove the **silencer**.
4. Remove the **silencer cover brackets** and **aluminum heat shield**.
5. Slide the **top rubber mounts** out of the frame.
6. Remove the **(6) head pipe-to-cylinder head bolts** and remove the **head pipe**.
7. Remove the **Rear Plastic Brackets**, these will not be reused with the **HMF Exhaust**. (See Figure #2)

Installation

1. Install the supplied **silencer bracket** in place of the **original aluminum heat shield**. Mount the bracket using the **(2) supplied M6 x 20 hex bolts**. For the bottom of the bracket, remove the **Transmission Mount Nut** and reuse. (See Figure #3)
2. Typically, the **OEM Cylinder head-to-head pipe gasket** can be reused. If it is damaged or worn, use the new gasket from your parts kit. Install the **HMF head pipe** using the original bolts. Do not tighten the bolts yet.
3. Thoroughly clean the right side of the intake manifold, then peel the plastic off of the included self-adhesive heat shield square. Install it on the side of the intake manifold as shown (See Figure #4)
5. Install the **lower mid pipe** into the silencer, then install the assembly to the **head pipe** and **lower bracket** using the supplied **M8 carriage bolts** and **nylock nuts**. (Insert the carriage bolts from the engine side of the bracket but **Do not tighten**). Center and level the **HMF Silencer** and tighten the **nylock nuts**.
6. Install the **top mid pipe** into the **silencer**, then install the assembly to the **head pipe** and **top bracket** using the supplied nylock nuts. Align and center the **top silencer** and tighten **mounting nuts**. Using a long piece of wire or spring puller, install the supplied **head pipe-to-mid pipe springs** and **mid pipe-to-silencer springs**.
7. Torque **head-pipe bolts** to OEM specs and inspect the installation. (See Figure #5)

NOTE: Your HMF exhaust system includes 2 quiet core inserts and 2 spark arrestors. While using the quiet core spark arrestor combination produced the best dyno results, we do not recommend leaving them installed for extended high RPM use such as desert racing. Leaving the quiet core spark arrestor combo installed in these types of scenarios can result in excessive heat that can cause damage NOT covered under HMF's warranty policy.

Hardware

-  (2) #10 Flat Washer
-  (4) 1/4" Flat Washers
-  (1) Bracket - Polaris® RZR - 100069
-  (1) Gasket - Polaris® RZR 1000
-  (1) Heat Shield Square
-  (2) M6-1.0 X 20 Hex
-  (4) M8-1.25 Nylock
-  (2) M8-1.25 X 20 Carriage Bolt
-  (2) Quiet Core
-  (2) Spark Arrestor
-  (4) Springs - Long

* Click thumbnails to enlarge

Figure #1



Figure #2



Figure #3



Figure #4

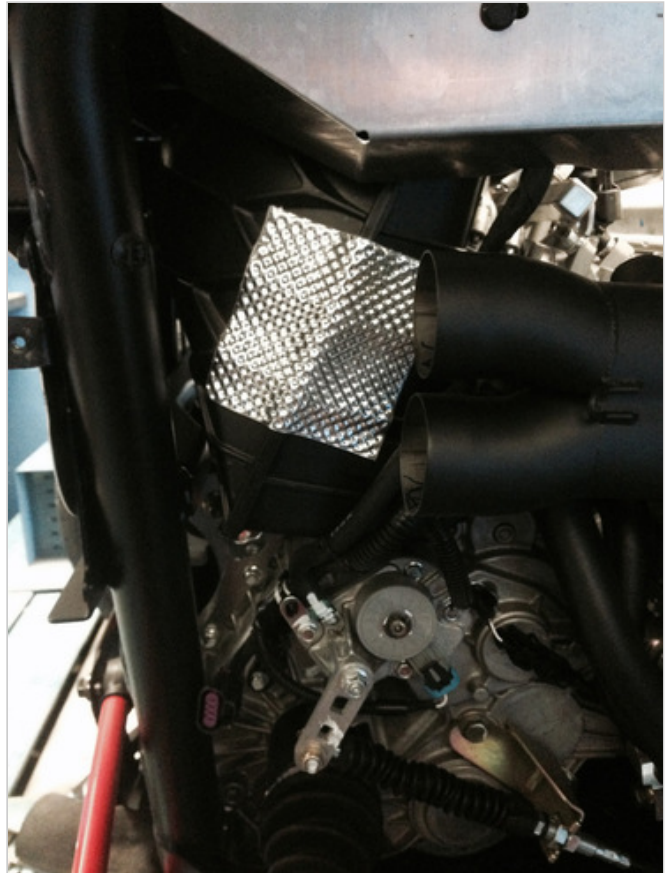
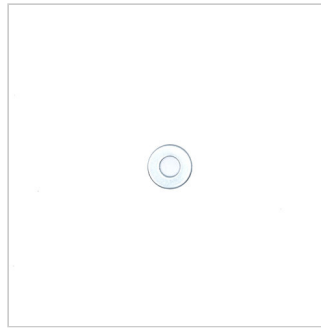


Figure #5



(2) #10 Flat Washer



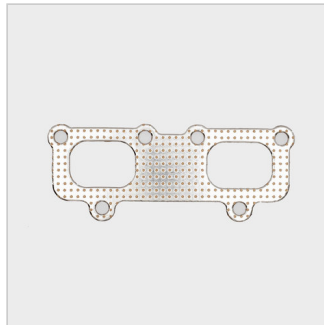
(4) 1/4" Flat Washers



(1) Bracket - Polaris® RZR - 100069



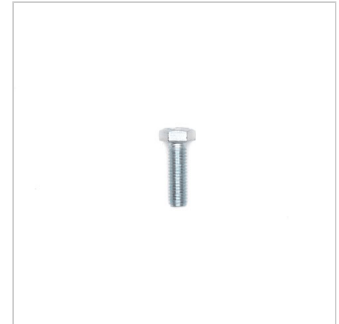
(1) Gasket - Polaris® RZR 1000



(1) Heat Shield Square



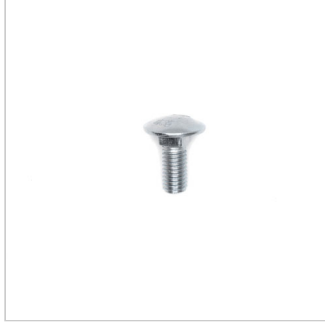
(2) M6-1.0 X 20 Hex



(4) M8-1.25 Nylock



(2) M8-1.25 X 20 Carriage Bolt



(2) Quiet Core



(2) Spark Arrestor



(4) Springs - Long

