

STRAIGHTLINE

PERFORMANCE

Polaris Rush/Switchback/Pro-RMK Lightweight Muffler

Straightline's lightweight mufflers are one of today's standards with low decibel readings and a great low tone. SPI lightweight muffler will lose 5+ lbs on your Polaris snowmobile. Straightline also offers a single pipe for the same models, check out www.straightlineperformance.com or your local snowmobile dealer.

Parts included: 1 muffler spring holder

Installation Instructions 132-104

Step 1

Remove all the stock springs that attach the stock muffler to the factory single pipe.

Step 2

Remove the stock grommet on the bottom of the stock muffler and re-install on the new SPI lightweight muffler the same way as it was removed from the factory muffler.



Step 3

Remove the bolt shown in the picture with an arrow and install the supplied spring bracket under the bolt. Re-tighten and install muffler. Re-spring the muffler to the pipe and install one of the extra springs to the new location mounted on the chain case. These will be one extra spring not needed for the SPI muffler installation.



Bolt that needs to be removed



New spring clip installed under bolt

Be sure the muffler has no manufacture defects.

If the muffler has been run/used there are no warrantees for fitment.

Jetting Requirements- No Jetting Required
Clutching Requirements-No Clutching Required



132-107

2010-16 Polaris 800 Rush/Switchback/RMK Single Pipe Polished Ceramic

Installation Instructions

Step 1

Remove the stock pipe, be sure to keep all the stock springs.

Step 2

On the bottom of the stock pipe remove the rubber bumper and re-install onto the new SPI pipe.

Step 3

Re-Install the SPI pipe into the snowmobile, re-install all the stock springs.

If you have purchased a ceramic coated pipe, there is no need for any additional under hood heat issues. When installing a high temp black pipe, please use the stock heat shields to keep the heat inside the pipe. They do not fit similar to stock and may require extra work to install. If you are not running the stock heat shields be aware that the under hood heat may melt some areas and require the installation of heat tape. Also performance may vary do to extra heat loss from no ceramic coating or covers.

Be sure the Straightline single has no manufacture defects. If the pipe has been run/used there are **no warrantees** for fitment.

Fuel Programming Requirements

Fuel programming is required with the Straightline single pipe. E-mail tech@straightlineperformance.com and we will attached the fuel map for your application.

Clutching Requirements

The SPI pipe's peak power is achieved at 8200 RPM.

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2010-16 Polaris 800 Y-Pipe
132-105 Ceramic Coated
132-106 High Temp Black Coated

Installation Instructions

1. Remove the existing single pipe from the machine.
2. Remove the bolts from the stock y-pipe.
3. Remove the gaskets from the cylinder and wipe the area clean.
4. Check gaskets, if any wear is prevalent, replace before new SPI y-pipe installation.
5. Install the Straightline Performance Y-pipe in the same order the original parts was removed.
6. Refer to your service manual for torque specifications.

Warranty

Be sure the Straightline y-pipe has no manufacture defects. If the pipe has been run/used there are **no warranties** for fitment.

Specifications

Jetting

Not Required use factory specifications.

Clutching

Not Required use factory specifications.

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Technical questions please email tech@straightlineperformance.com



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Care and Maintenance of Ceramic Coatings

Congratulations on having your parts ceramic coated. These coatings are highly durable and will last for many years with proper care. Their longevity and appearance may be affected by the way you maintain and care for the coating.

PLEASE NOTE: EXCESSIVE EXHAUST GAS TEMPERATURES CAN DULL CERAMIC COATINGS ON EXHAUST MANIFOLDS AND HEADERS.

The proper care and maintenance of your headers is important for maintaining a long lasting shine you will be proud of for years to come. For most maintenance, going over the part with a micro fiber or terry cloth using high quality metal polish is all that is required.

Keeping your exhaust system looking like new, is a simple task that is often overlooked or disregarded. However, those that take the time to properly clean and polish these components, not only have an engine compartment they are proud to show off, they greatly extend the service life of their exhaust components. While other bolt on items may be inexpensive to replace, custom headers and/or exhaust systems can be very expensive items. Especially if they are ceramic coated, chromed, or made from Stainless steel. Therefore it is essential to provide proper maintenance on a regular basis.

Exhaust system corrosion will occur if moisture (condensation) is present in the exhaust system. Make sure that the vehicle is driven at least 20 to 30 minutes, when ever the vehicle is started, to completely eliminate any moisture that is created by the combustion process. Failure to do so may result in the pipes rusting from the inside out (excluding stainless steel).

When storing your vehicle for an extended period of time, be sure the area is of low moisture as this will help from condensation producing rust. Wipe down the headers and dry thoroughly, then coat the headers with WD-40. Pay particular attention to the areas where the tubes are welded to the header flanges and where the tubes come in close proximity to each other. These areas are prone to rusting, as most coatings are unable to get between the tubes in these areas, during the coating process. If rust occurs, it will travel into and under the coating. When you are ready to start the vehicle after storage, remove the WD-40 by soap and water. Start the vehicle and heat the exhaust till all the moisture is out of the exhaust.

If you ever have any oil burned on or surface deposits from water, or other liquids, more aggressive measures will need to be taken. We have found that wet sanding the stained area with #0000 steel wool or extremely fine scotch brite is all that is needed to remove and then polish as you would when cleaning your headers.

POLISHING:

Once all foreign matter has been removed, the thermal barrier coating may be polished with a clean soft cloth and a non-abrasive metal (aluminum) polish such as Satin Gloss, MAAS, Mothers Mag and Wheel Polish, Blue Magic, Metal Magic, or Eagle One Mag Polish. For the satin finish a periodic scrubbing with a red or gray Scotchbrite pad may be used to remove oils and contaminants from the coating surface.

Please keep in mind that we CAN'T get coating where there is no space between the metal, therefore these areas are subject to rust if the metal can rust. Also with used rusty parts there are places that the blasting media cannot reach to remove all the rust and the coating does not adhere to rust. Exhaust designs with open and/or removable tubes and welded flanges can last a LIFETIME!