

Hayabusa Shorty GP Exhaust



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Parts

- 1 Large Diameter Shorty Exhausts
- 1 Small Diameter Shorty Exhausts

Tools Needed

- Phillips Screwdriver
- 10mm Socket Wrench
- 10mm Wrench
- Metal Cutting Saw
- 11mm Socket Wrench
- 11mm wrench
- Angle Grinder
- Allen Hex Wrench

***Disclaimer: This item may or may not be legal within your state or country. This exhaust is for closed course, off-road and show use only. We are not liable for any damages that may occur from the use of this product. Professional installation and tuning is recommended for best performance. If you do not agree to these terms, please return the item.**

Note: It is normal for some fiberglass packing to come out of the exhaust during the initial start-up and break-in period. The break-in period is approximately 200 miles.

This exhaust comes fully assembled with a baffle and exhaust packing already installed. Figure 0.1 is the baffle that is inside the exhaust. The baffle is a straight through design to allow maximum exhaust flow with minimal restriction.

Figure 0.1



Step 1

Remove Lower Fairings from Motorcycle

Tools Required

- Phillips Screwdriver
- Allen Hex Wrenches

Parts

- None

1. Remove all screws that are holding the lower fairings.
2. Once screws have been removed, carefully disassemble the right fairing first.
3. The right fairing should be off of the motorcycle. Then remove the right side fairing.

Step 2

Remove factory exhaust system

Tools Required

-10mm Socket Wrench

Parts

-none

1. Unbolt the exhaust clamp.
2. Unbolt all bolts that are holding the factory muffler to the header.
3. Slide the factory exhaust off of the headers.
4. We recommend removing your factory headers in order to cut the header pipe. Some customers are able to use a reciprocal saw to cut their header pipe without removing headers.

Step 3

Cutting your factory header

Tools Required

-10mm socket

Parts

- Metal cutting saw
- Angle Grinder

1. Mark where you will cut the header pipe. The right side of your factory header will need to be cut in order to have both exhausts exit your motorcycle at the same area. Figure 1.1

Figure 1.1



2. We recommend cutting the right header pipe right before the weld as pictured. Figure 1.2
Figure 1.2



3. Once the header is cut, you will still need to grind down the 2 vertical welds on the factory header pipe. Figure 1.3, Figure 1.4

Figure 1.3



Figure 1.4



The diameter should be 60mm OD after welds are grinder down flush with the header pipe.

Step 4

Attach New Slip Ons

Tools Required

-11mm socket

Parts

- 2 slip ons.

1. Install header back onto your motorcycle.
2. Slide your new Shorty GP Exhaust onto your modified header pipe and tighten the included exhaust clamp.

Note: We recommend adding safety wire (not included) to the exhaust clamp to ensure it does not fall off the motorcycle if the clamp bolt gets loose from vibration. Retighten the bolt on the clamp to ensure it is tight after break in period.

Step 5

Mounting the Fairings

Tools Required

- Phillips Screw Driver
- Allen Wrenches

Parts

- Lower Fairings

1. Re-install the lower fairing.

Trouble shooting

1. **If your exhaust touches your swing arm**
 - a. Your slip on may be mounted wrong, adjust your exhaust and tighten clamp.
2. **If your exhaust is not sturdy**
 - a. Bolts or screws may be loose, tighten all bolts and screws.
 - b. You may need to use your factory exhaust donut gasket if your bike came with one.
3. **If you have any other problems, contact: support@radiantcycles.com**

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