

03-04 CBR 600RR Shorty GP Exhaust



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Parts

1 Slip-on

Tools Needed

- Phillips Screwdriver
- 10mm Socket Wrench
- 11mm Wrench
- Metal Saw
- Dremel
- Hex Wrenches

***Disclaimer: This item may or may not be legal within your state or country. This exhaust is for 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: 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.

Single 2”

Step 1

Remove Lower Fairings from Motorcycle

Tools Required

- Allen Wrench
- Phillips Screwdriver

Parts

- None

1. Remove all Allen wrench screws that are holding the lower fairings. There are screws on the right fairing. Figure 1.1

FIGURE 1.1



2. Once screws have been removed, carefully disassemble the right fairing.
3. The right fairing should be off of the motorcycle.

Step 2

Remove factory exhaust system

Tools Required

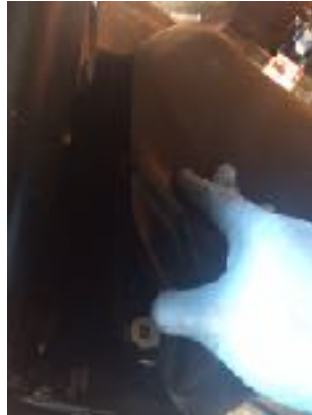
- Allen Wrench

Parts

- none

1. Remove the seat by unscrewing 2 hex screws near the rear of the seat. Figure 2.1

FIGURE 2.1



2. Remove passenger seat with your key.
3. Remove your rear license plate and turn signals.
4. Remove the tail fairing by unscrewing 4 hex screws and disconnect the taillight wires. Figure 2.2

FIGURE 2.2



5. Remove right filler panel. Figure 2.3

FIGURE 2.3



6. Remove passenger rear foot peg and right rearset/footpeg. Note: You will need to unplug the rear brake wire on the rearset/footpeg. Figure 2.4, 2.5

FIGURE 2.4



FIGURE 2.5



7. Remove the metal heat shield that covers your factory midpipe.

8. Remove your factory exhaust by unbolting the exhaust clamp and screws holding the factory exhaust to the motorcycle. Figure 2.6, 2.7, 2.8

FIGURE 2.6



FIGURE 2.7



FIGURE 2.8



9. At this point, your factory exhaust should be off the motorcycle.

Step 3

Cutting your factory midpipe to attach new exhaust.

Tools Required

- Hack saw or reciprocal saw.
- Marker

Parts

- none

2. Use the marker to mark where you will cut your midpipe. Figure 3.1

FIGURE 3.1



3. It may be easier to cut your header if you remove the header off the motorcycle.

NOTE: Most of our customers cut the midpipe right under the right rearsets/footpeg. We recommend cutting about 1” after the weld. The exhaust will slide over the pipe and clamp securely. For a better seal, you may want to grind down the welds slightly. Welding the item to your header is also an option.

Step 4

Attaching your new Slip-on Pipe

Tools Required

-10mm socket

Parts

- Slip-on short pipe
- Clamp

2. Slide the exhaust over your header over the factory welds. Figure 4.1

FIGURE 4.1



3. Tighten the 10mm bolt on the clamp with a wrench until secure.

Step 5

Mount and cut the fairing.

Tools Required

- Allen Wrench
- Phillips Screw Driver
- Marker
- Dremel

Parts

- Lower Fairings

1. Re-install the lower fairings.
2. Mark where you will cut the fairing for the exhaust to exit. (Note: The line where you will cut your fairing may differ from the sample photo depending on how you mounted the new exhaust.)
Figure 5.1

FIGURE 5.1



3. Remove the new Shorty GP Exhaust after you mark the cut line on the fairing.
4. Use a Dremel to cut along the line you drew on the fairing. Figure 5.2

FIGURE 5.2



5. Grind down the new cut to make the finish smoother. Figure 5.3

FIGURE 5.3



3. The final outcome should look like Figure 5.4.

FIGURE 5.4



Step 6

Install the Shorty GP Exhaust.

Tools Required

-10mm socket

Parts

- Exhaust

1. Re-install the exhaust.
2. Re-install your rear fairing, seats, and license plate.
2. Your motorcycle should look like figure 6.1. NOTE: 2003 and 2004 600RR will exit your lower right fairing a little higher than pictured.

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 secure after break in period.



FIGURE 6.1



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.
- 3. If you have any other problems, contact: Support@radiantcycles.com**

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