

# 04-07 CBR 1000RR 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”

Figure 0.1



## 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

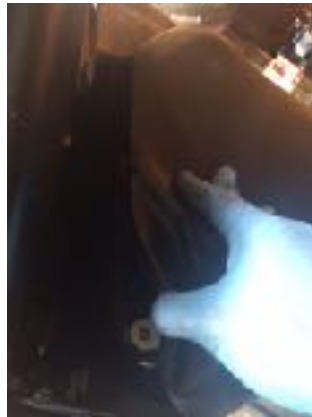
-Allen Wrench

#### 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 near the right rearsets/footpeg. Please measure up the new exhaust to make sure there will be enough clearance before cutting. There needs to be a minimum of 1” of pipe for the new exhaust to slip over and clamp securely. Welding the item to your header is another 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. Figure 4.1

**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 4.1



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

## **Step 5**

### **Mount the fairing.**

#### **Tools Required**

- Allen Wrench
- Phillips Screw Driver

#### **Parts**

- Lower Fairings

1. Re-install the lower fairings.

### **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](mailto:Support@radiantcycles.com)**

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