

# 89-02 Suzuki GS500 Shorty GP Exhaust



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## Parts

1 Slip-on

## Tools Needed

- Phillips Screwdriver
- 10mm Socket Wrench
- 11mm Wrench

**\*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: 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**

- Allen Wrench
- Phillips Screwdriver

#### **Parts**

- None

1. Remove all Allen wrench screws that are holding the lower fairings. There are 8 screws on the right fairing. Figure 1.1

FIGURE 1.1



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

## Step 2

### Remove factory exhaust system

#### Tools Required

-Allen Wrench

#### Parts

-none

1. Unbolt the exhaust can from the midpipe.
2. Unbolt the exhaust bolt that is mounted to the right passenger foot peg. Figure 2.2

FIGURE 2.2



3. Slide the factory exhaust off of the headers.

## 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 want to cut your midpipe. Figure 3.1

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

NOTE: Most of our customers cut the midpipe right under the right rearsets/footpeg. You can cut anywhere along your midpipe, The clamp slides over your factory midpipe and tightens.

## **Step 4**

### **Attaching your new Slip-on Pipe**

#### **Tools Required**

-11mm socket

#### **Parts**

- Slip-on short pipe

- Clamp

1. Slide the Clamp over your header.
2. Tighten the 10mm bolt on the clamp with a wrench.

**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.

## Step 5

### Mounting the Fairings

#### **Tools Required**

- Allen Wrench
- Phillips Screw Driver

#### **Parts**

- Lower Fairings

1. Re-install the lower fairings.
2. The final outcome should look like Figure 5.1

FIGURE 5.1



(NOTE: DO NOT REMOVE THE BAFFLE UNLESS YOU ARE REPACKING YOUR EXHAUST)

### 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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