



LEVELONE RACING - USA

SUZUKI / GSX-R600/750 / 2006-2007

Carbon Fiber / Aluminum 6061

GP Design (two.six.zero / three.three.zero)

Slip-On System (This system is designed for closed course use only)



Parts List

<i>Qty</i>	<i>Description</i>
1	Muffler (Moto-GP Style, two.six.zero / three.three.zero) 6061-T6 AL or 100% Raw CF
1	Lightweight Slip-On Adapter
1	Low Profile Exhaust Collector Clamp
2	Slip-On Adapter Race Springs (Stainless)
1	Muffler Clamp (Stainless)
1	Black High Temp Rubber Clamp Gasket
1	90 degree Angle Bracket (Satin Stainless)
2	4 degree spacers (Satin 6061-T6)
1	8mm x 40mm Socket Head Button Screw (Satin Stainless)
1	8mm Lock Washer (Satin Stainless))
1	8mm Low Profile Hex Nut (Satin Stainless)

1	8mm x 16mm Socket Head Button Screw (Stainless)
1	8mm Hex Nuts (Stainless)
1	8mm Lock Washer(s)
1	Spring Puller Tool
1	LevelOne Racing, High Temperature Decal

Read through the complete instruction manual before beginning the Installation.

Other tools/parts needed:
High Temperature RTV Silicone (Permatex Ultra Black).
Light/Medium Grade Thread Locker

Installation Instructions

- 1 After bike is cool make sure the bike is secured before beginning the installation.
- 2 Remove the right side lower fairing bolts and pull the fairing out from the push pin/rubber connector.
- 3 Fully loosen the muffler clamp from the header collector.
- 4 Remove the 3 muffler mounting bolts (2 on the right side, 1 on the left side).
- 5 Carefully remove the stock muffler and place in a safe location.
- 6 Apply a small amount of high temperature silicone (such as Permatex Ultra Black) to the inside of the exhaust inlet. Attach the LOR exhaust canister to the slip-on tube adapter with the spring tabs aligned (make sure your hands are protected with a pair of gloves in case the tubes slip). You may have to squeeze the mid-pipe adapter tube to fit into the exhaust inlet as the mandrel bends may become slightly out of round due to a cut near the bend (the tube will take form once connected). Slide the canister all the way until the slip-on adapter seats fully against the exhaust inlet. Wipe off any excess silicone. Place each spring over the exhaust side spring tabs and use the spring tool to pull the springs over the adapter spring tabs. Both springs must be secured for proper installation.
- 7 Apply a small amount of high temperature silicone sealer (such as Permatex Ultra Black) to the inside (inlet side) of the slip-on adapter. Slide the low profile barrel clamp over the LevelOne Adapter pipe. Slide the slip-on adapter pipe over the stock header collector. Do not fully tighten the barrel clamp.
- 8 Place the round canister clamp with the rubber gasket over the rear of the exhaust and slide to the angle bracket clamp location (**Follow the instructions for the hanger conversion located at the end of this manual**). Follow the clamp setup (shown in figure 1a or 2a) based on your sleeve type. Do not fully tighten as you will need to adjust the system for a perfect fit.



Fig. 1a



Fig. 2a

Aluminum – Clamp Setup

Clamp lever install from left (closest to bike) to right:

- 8mm nut
- Locking 8mm washer
- Left Clamp Leg
- Angle Bracket Lever
- Right Clamp Leg
- 8mm x 16mm Socket Head Screw

Carbon Fiber – Clamp Setup

Clamp lever install from left (closest to bike) to right:

- 8mm nut
- Locking 8mm washer
- Angle Bracket Lever
- Left Clamp Leg
- Right Clamp Leg
- 8mm x 16mm Socket Head Screw

9 Step back and look around the bike to see that everything is aligned correctly. Make sure there is proper clearance from the swing arm, fairings or any other obstructions. Once everything is aligned, correctly torque the canister clamp to the angle bracket attached to the rear foot rest (16 ft-lb of torque).

****Angle bracket attached to the rear foot rest – torque to 7 ft-lb as stated in the conversion (tighten until locking washer is compressed).**

10 Fully tighten the low profile barrel clamp over the stock header (torque to 9 ft-lb).

11 Before you start the bike make sure all fingerprints and dirt have been removed from the canister. After 75-100 miles check all bolts, etc for tightness. If needed you can apply some light – medium grade thread locker to prohibit any bolts from loosening under the vibration from the bike.

12 Enjoy your LevelOne Racing exhaust system...

Rear Foot Rest - Hanger Conversion Instructions

The following is a simple step by step procedure to convert your right rear foot rest into an exhaust hanger. The process can be reversed at anytime to return to the original stock configuration.

- 1 The picture, shown in figure 1, is the OEM stock right rear foot rest. This simple conversion replaces the barrel pin and retaining clip with the included hardware (shown in figure 2).
- 2 On the bottom of the stock foot rest is the retaining clip. If you do not have a retaining clip removal tool you can use a small regular screw driver to remove the clip. Insert the tip of the screwdriver into one of the slots of the retainer. With light pressure twist the screwdriver to slide the clip out of the channel (see figure 3). Be careful as the clip may spring off of the barrel pin.
- 3 Slide the barrel pin out of the foot rest (shown in figure 4). **Do not remove the foot peg lever.** Take the 8mm x 40mm bolt provided and slide the 8mm locking washer followed by the 4 degree spacer onto the bolt. Insert the bolt into the foot rest where the original barrel pin was located (see figure 5).

****The 4 degree spacers are used to properly seat the bolt to the rear foot rest. Place both 4 degree spacers so the 8mm bolt fit flush with the angle of the foot rest.**

- 4 On the bottom of the foot rest slide the longer side of the angle bracket onto the 8mm bolt. Next slide the other 4 degree spacer followed by the low profile 8mm nut onto the 8mm bolt. Start the thread and center the Angle Bracket to the bottom of the foot peg (see figure 6).
- 5 When the rest of the system is installed and correctly aligned torque the 8mm button head bolt to 7 ft-lb. Basically, tighten until the locking washer is fully compressed. **Do not over tighten.**
- 6 The finished conversion is shown in figure 7.

Hanger/Clamp Pictures



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6

Cleaning/Warranty

Please keep the exhaust system free of dirt and moisture. For cleaning use a mild cleaner with a soft cloth. Use rubbing alcohol on the mid-pipe adapter only (do not use rubbing alcohol on the satin black or carbon fiber canister).

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Fig. 7