



**Suzuki (2006-07)
GSX-R600/750**

Part# 005-388045-S1



Parts List

Qty.	Description	Part Number
1	Suzuki GSX-R600/750 Muffler Canister S1R	8" S1R
1	Muffler Clamp	S1R Vertical
1	GSX-R 600/750 Slip-Tube	005-38804S
1	Barrel Clamp	005-27-63MSH
1	Mounting Bracket	005-147-19-3
1	8x40mm Socket Head Cap Screw	005-SH840
1	8x20mm Flange Bolt	005-FB820
2	8mm Lock Nut	005-NN8
1	Spring Puller	005-SP
1	Permatex Anti-Seize	031-P09175
2	45mm Springs	005-S45

IMPORTANT - PLEASE READ CAREFULLY

Two Brothers Racing products are intended for closed course competition purposes only. We recommend that this performance part be installed by a qualified motorcycle technician. If you have any doubts as to your ability to install this performance part, please consult with your local motorcycle dealer. Read all instructions first before starting installation. Make sure the motorcycle and exhaust system are completely cool before starting the installation. Also, make sure the bike is secure on a center stand or ideally a service lift during installation. Be sure to save all stock components for possible use later.

Installation Instructions

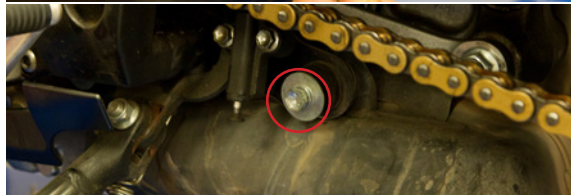
1. Make sure the bike is completely cool before starting the installation. Make sure the bike is secure on a center stand or ideally a service lift.
2. Remove right side lower fairing bolts and pull lower fairing out from push fit connector.



3. Loosen muffler clamp at head pipe joint.



4. Remove the 3 muffler mounting bolts.



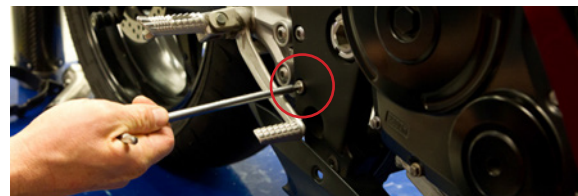
5. Remove OEM muffler assembly.



6. Reverse the rear linkage bolt by removing it and inserting it from the exhaust side of the bike for proper clearance between the bolt and muffler. Pictured after bolt was reversed.



7. Remove lower rear set bracket bolt and install new 8x40mm socket head cap screw provided.



8. Use the threaded portion of this bolt sticking out the inside of the bracket to mount the supplied muffler mounting bracket. Use the 8mm nut to secure in the correct location after the muffler is positioned.



9. Slide the barrel clamp over s-bend and join to head pipe. Do not tighten yet. Use High Temp Silicone.



Suzuki (2006-07)
GSX-R600/750
 Part# 005-3880405-S1



Parts List

Qty.	Description	Part Number
1	Suzuki GSX-R600/750 Muffer Canister S1R	8" S1R
1	Muffer Clamp	S1R Vertical
1	GSX-R 600/750 Slip-Tube	005-38804S
1	Barrel Clamp	005-27-63MSH
1	Mounting Bracket	005-147-19-3
1	8x40mm Socket Head Cap Screw	005-SH840
1	8x20mm Flange Bolt	005-FB820
2	8mm Lock Nut	005-NN8
1	Spring Puller	005-SP
1	Permatex Anti-Seize	031-P09175
2	45mm Springs	005-S45

Warranty

Two Brothers Racing products are intended for closed course competition purposes only, and therefore are sold "as is" without warranty. Two Brothers Racing specifically disclaims any warranties of merchantability or fitness for a particular purpose and disclaims all responsibility for consequential and incidental damages or any other losses arising from the use of these products or parts.

Installation Instructions

- Slide the rubber lined muffer clamp over the muffer and join the muffer clamp to the muffer bracket. The muffer clamp goes inside of the bracket as shown. Use the supplied bolt and washer.



- Attach muffer to slip tube with supplied springs.



- Tighten muffer bracket (muffer will sit at an angle, this is normal).
- Tighten barrel clamp.
- Check for clearance on the frame, linkage, and swing arm.



- Re-install side panel.
- Double check your work to ensure everything is tight and properly installed.
- Before you run the bike, clean off all fingerprints and dirt, as any oily residue will etch the metal and become somewhat permanent when the system gets hot. Run the bike and enjoy. It is normal for some white smoke to appear the first time you start the bike. This is packing/manufacturing oil from inside the pipe burning off. Check for gaps or leaks. If you find a leak, a little high temperature silicon sealant should fix it. After 50 to 100 miles, recheck all fasteners for tightness.

Care & Cleaning

Care & Cleaning

Keep system free of dirt and moisture. Store in a cool, dry place. Make sure vehicle is completely cool before maintenance.

Stainless Header System: Polished stainless steel pipes will turn a light golden hue after a few heat cycles, this is a normal characteristic of high quality stainless steel. Clean using a mild water based spray cleaner. Always apply cleaner or polish with a soft, clean cloth.

Titanium Header System: Polished titanium pipes will experience color shift ranging from deep blue/purple through amber after a few heat cycles. This is a normal characteristic of high quality titanium. Clean using a mild water based spray cleaner. Always apply cleaner or polish with a soft, clean cloth.

Polished Aluminum Canisters: Use an aluminum or mag wheel polish to restore the bright finish to factory spec.

Brushed Aluminum Canisters: Clean using a mild water based spray cleaner. Always apply cleaner or polish with a soft, clean cloth.

Carbon Fiber Canisters: Clean using a mild water based spray cleaner. Always apply cleaner or polish with a soft, clean cloth. Always make sure the fiberglass packing inside is in good condition and not burned out, as exhaust heat inside an empty canister will deteriorate the carbon fiber sleeve. TBR sells repack kits (Road - #005-10038, Offroad - #005-10038MX) that include everything you need to easily do it yourself.

Titanium Mufflers: For cleaning use a mild water based spray cleaner. Always apply cleaner or polish with a soft, clean cloth. Always make sure the fiberglass packing inside is in good condition and not burned out, as exhaust heat inside an empty canister will deteriorate the carbon fiber sleeve. TBR sells repack kits (Road - #005-10038, Offroad - #005-10038MX) that include everything you need to easily do it yourself.

Repack all road canisters every 3,000 miles. Part #005-10038
 Repack all offroad canisters after every 10 hours of use. Part #005-10038MX
 dyno test your bike with carbon fiber or titanium canisters installed - the intense heat and lack of cooling air can quickly burn through the canister material. Two Brothers Racing does not provide a warranty for burned canisters.

