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## 2007-08 Suzuki GSX-R1000

V.A.L.E.™ Slip-On Exhaust System with M-2 Canister  
Part # 005-1780406V / 005-1780407V / 005-1780408V



### Parts List



Qty.	Description	Part Number
1	Suzuki GSX-R1000 M-2 Titanium Muffler Canister	Varies
1	Suzuki GSX-R1000 S-Bend Tube and X-Ring™	005-17801S
1	Oval Muffler Clamp	Varies
1	HARDWARE KIT	005-178-3
1	Suzuki GSX-R1000 Rubber Mount Eliminator	005-178-S1
1	Suzuki GSX-R1000 Rubber Mount Eliminator	005-178-S2
1	X-Ring Kit	005-7-2-3KIT
1	Barrel Clamp	005-27-71MSH
1	8x35mm Flat Head Socket Cap Screw	005-SHF835
1	8mm Flange Nut	005-FN8
1	Permatex Ultra Black Gasket Maker	031-P22072
1	O2 Sensor Kit	005-92-22KIT

### IMPORTANT - PLEASE READ CAREFULLY

*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 centerstand 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 centerstand or ideally a service lift.
2. Remove the left side muffler assembly from the OEM mid-pipe joint.



3. Remove the right side mid-pipe cover.



4. Remove the right side muffler assembly at rear peg assembly and the OEM mid-pipe joint.



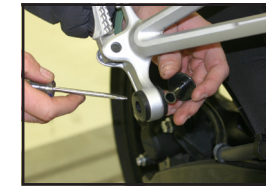
5. Loosen the right side lower fairing.



6. Remove the OEM mid-pipe section, OEM mounting brackets and the O2 sensor.



7. Remove the OEM rubber muffler mounting hardware from both of the rear passenger pegs. Use a file to remove any excess casting from I.D. until both solid mount spacers fit inside and fit flush against the foot peg assembly.



8. Use the 6x14mm Socket Head Cap Screws and lock washers to loosely attach TBR S-bend tube to the muffler. Leave loose for now.



V.A.L.E.™ Assembly Detail



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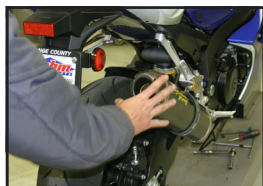


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9. Apply a fair amount of the supplied high temp silicone on the inside lip of the TBR S-bend tube. Attach the TBR S-bend tube assembly to OEM headpipe with the barrel clamp at the joint and attach the O2 sensor.
10. Attach the muffler to the foot peg mount on the right side with the supplied muffler clamp bolt and nut using the supplied solid mounting spacers.
11. Tighten the muffler mounting bolt when the muffler is aligned with the motorcycle.
12. Tighten the 4 6x14mm S.H.C.S.
13. Tighten the barrel clamp.
14. Re-install the lower fairing assembly and double check all your work.
15. 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.



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**Care & Cleaning**

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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

**NEVER** 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.

**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.