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2001-2002 Suzuki GSX-R1000

V.A.L.E.™ Slip-on Exhaust System with M-2 Canister
Part # 005-980206M, 005-980207M, 005-980208M, 005-980219M, 005-980220M



Parts List

Qty.	Description	Part Number
1	Muffler	Varies
1	Muffler Clamp	Varies
1	S-Bend Tube	005-9802T
1	HARDWARE KIT	005-98-4
1	VALE Adapter Kit	005-2-1-V
1	Barrel Clamp	005-27-61MSH
1	8x55mm Socket Head Cap Screw	005-SH855
1	18mm Spacer	005-S-18
1	8mm Flat Washer	005-WF8
2	80mm Swivel Hook Spring	005-S80
1	Permatex Ultra Black Gasket Maker	031-P22072
1	T20 Torx Screw Wrench	005-9-15820
1	TBR Sticker Kit	015-10212

IMPORTANT - PLEASE READ CAREFULLY

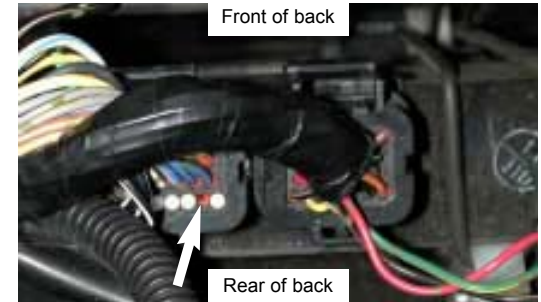
We recommend that this performance part be installed by a qualified motorcycle technician. If you have any doubts as to your ability to install this performance part, please consult with your local motorcycle dealer. Read all instructions first before starting installation. Make sure the motorcycle and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

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

- Make sure the bike is completely cool before starting the installation. Make sure the bike is secure on the sidestand or ideally a service lift.
- Remove the stock canister at the passenger footpeg bracket and where it bolts to the end of the header pipe.
- Disconnect the control cables from the exhaust valve and where they connect to the control servo. These cables simply unhook once the tension has been released on them. It is important to leave the control servo in place and connected to your system. Remove the stock s-bend.
- Slide the S-bend connector pipe onto the end of the headers, using the stainless steel T-bolt clamp to attach it to the headers. Leave loose for now.
- Install VALE adapter kit using the supplied kit instructions.
- Place a bead of the hi-temp sealant on the outside edge of the s-bend that goes into the canister. Slide the TBR canister onto the end of the S-bend pipe. Wipe off the excess sealant that will squeeze out.
- Carefully slide the canister clamp over the canister. (Note: The stainless steel canister clamp and the name badge on the canister come from the factory with a clear plastic protective film. Please remove this film before operation.) You may need to twist and turn the S-bend a little to get it in the right place. Locate both tabs of the canister clamp outside of the 18mm spacer. Use the 8mm x 55mm bolt, 8mm washer and the stock nut to secure it to the passenger footpeg. Leave loose for now.
- Make sure everything is aligned and tighten all hardware. Affix the connector springs to the muffler.
- 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.
- If your FI light is activated after you install this exhaust system you will need to preform a simple procedure to turn it off. Remove your seat to gain access to the ECU. You will need to disconnect the black wire w/ brown stripe on the larger of the two plugs connected to the ECU. Here's the trick, there are two of these wires on the same plug. Here is how to tell them apart. Standing behind the bike, it is the wire on the bottom, right side of the plug, second from the right corner. Simply pull the wire from the plug (it may help to disconnect the plug first) and secure the end of the wire with some electrical tape to prevent it shorting out.



Care & Cleaning

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Keep system free of dirt and moisture. Store in a cool, dry place. For cleaning use a mild spray cleaner. Always apply cleaner or polish with a soft, clean cloth.

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.

Carbon Fiber Mufflers: 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 (TBR part # 005-10038) that include new rivets and repack material as well as a drill bit (#30), making it easy to do yourself. Also, NEVER dyno test your bike with carbon fiber mufflers installed - the intense heat and lack of cooling air can quickly cause the CF material to burn. Two Brothers Racing does not provide a warranty for burned carbon fiber.

Aluminum Mufflers: Use an aluminum or mag wheel polish such as Mother's to restore the bright finish to factory spec.

Repack all road canisters every 3,000 miles. Part #005-10038