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Suzuki GSX-R600 / 750

V.A.L.E.™ Full Exhaust System with M-2 Exhaust Canister
Part # 005-3040106V, 005-3040107V, 005-3040108V



Parts List

Qty.	Description	Part Number
1	M-2 Muffler Canister	Varies
1	Canister Clamp with Rubber Liner	Varies
1	Slip-on tube	005-30401S
1	Header assembly	005-30401H
1	HARDWARE KIT	005-304-3C
2	X-Ring (half)	005-7-2-4
1	64mm Barrel Clamp	005-27-64MSH
1	8mm Flange Nut	005-FN8
1	Servo Stop	005-125-05-01
4	6x20mm Socket Head Cap Screws	005-SH620
4	6mm Split Lock Washer	005-WL6
1	T20 Torx Hex Key	005-9-15820
1	5mm Ball End Hex Key	005-9-18610
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 centerstand or ideally a service lift during installation. Be sure to save all stock components for possible use later.

Warranty Information

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. Not tested for use

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.
6. Install supplied servo stop in place of servo wheel and reinstall servo box in original mounting position.

2. Remove both main and passenger seats.



3. Remove fuel tank.



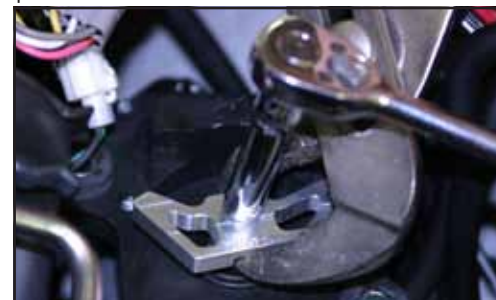
4. Remove left and right fairings.



5. Remove servo box located under fuel tank to access the butterfly cables. Remove servo wheel by holding in place using a suitable tool to remove bolt without causing damage to servo.



6. Install supplied servo stop in place of servo wheel and reinstall servo box in original mounting position.



7. Remove o2 sensor from header.

8. Remove OEM muffler assembly.



9. Remove header assembly including butterfly cables, loosen radiator bolts for better access.





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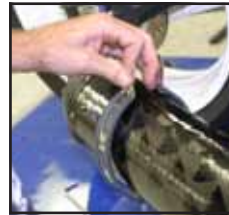
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Installation Instructions

10. Install TBR assembly using OEM hardware.



11. Attach muffler to TBR slip system using the supplied X-ring, 6x20mm socket head cap screws and lock washers that are provided, leave loose for now. Slide rubber lined muffler clamp and barrel clamp on and install to bike.



12. Loosely attach muffler to bike using the OEM bolt and nut and install muffler clamp to inside of passenger footpeg.



13. Attach mid-pipe support bracket using OEM bolt and supplied 8mm nut. Re-install o2 sensor.



14. Check for clearance and alignment, then tighten all the bolts in this order: X-ring bolts, muffler mount, support bracket, and finally barrel clamp. Remove metal inner sleeves from rubber grommits from OEM header mounts.

15. Re-install fairings, fuel tank and seats.

16. 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. 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.

Care & Cleaning / Warranty Information

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

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.