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2009 Yamaha FZ6R

V.A.L.E.™ Full Exhaust System with M-2 Exhaust Canister
Part # 005-2570106V, 005-2570107V, 005-2570108V



Parts List

Qty.	Description	Part Number
1	M-2 Muffler Canister	005-257-206M
1	Canister Clamp with Rubber Liner	005-2C-113
1	Header Kit	005-25701HK
1	HARDWARE KIT	005-257-3
2	X-Ring (half)	005-7-2-3
1	FZ6R Bracket	005-257-B
1	8x16mm Flange Bolts	005-FB816
2	8mm Flange Nuts	005-FN8
4	6x14mm Socket Head Cap Screws	005-SH614
4	6mm Split Lock Washer	005-WL6
1	Permatex Hi-Temp Sealant	031-P22072
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.

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 right side fairing.



3. Remove header flange nuts.



4. Remove OEM muffler assembly.



5. Install TBR header pipes, 1-4 number 1 starting on the left if sitting on the bike, leave loose for now, be sure to retain stock gasket.



6. Attach muffler mounting bracket to right side OEM mounting position using the OEM bolt and supplied 8mm flange nut.



7. Install left and right collectors using a small amount of high temp silicone on all slip fit areas.



8. Attach muffler to TBR slip system using the supplied X-ring, 6x14mm socket head cap screws and lock washers that are provided, leave loose for now.





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Installation Instructions

- Slide rubber lined muffler clamp over muffler assembly and attach to collectors using a small amount of high temp silicone.



- Loosely attach muffler clamp to mounting bracket using the supplied 8x16mm flange bolt and nut.



- Check for clearance and alignment, then tighten all the bolts in this order: Header flange nuts, X-ring bolts, and then muffler mount bracket.



- Reinstall all bodywork.
- 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 / 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.