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2008-09 Yamaha GRIZZLY 700

V.A.L.E.™ Slip-On Exhaust System with M-7 Aluminum Canister
Part # 005-1900406V



Parts List

Qty.	Description	Part Number
1	Muffler Canister M-7 Aluminum	005-190-206M
1	Stainless Steel Slip-On Tube	005-17901S
1	HARDWARE KIT	005-179-3
2	X-Ring (half)	005-7-2-3
2	Shim	005-106SR
1	5mm Long Handle Ball End Hex Key	005-9-18610
1	8x25mm Flange Bolt	005-FB825
4	6x14mm Socket Head Cap Screw	005-SH614
4	6mm Lock Washer	005-WL6

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

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 quad is completely cool before starting the installation. Make sure the quad is secure on a level surface and the wheels are chocked to prevent the quad from rolling.
2. For easier installation, remove the body parts listed:
- Seat
- Left foot pan assembly
- Left side body panel
3. Remove the mid-pipe joint cover to expose the springs connecting the head pipe with the mid-pipe. Remove the spring. The OEM gasket will be re-used with the TBR exhaust system.



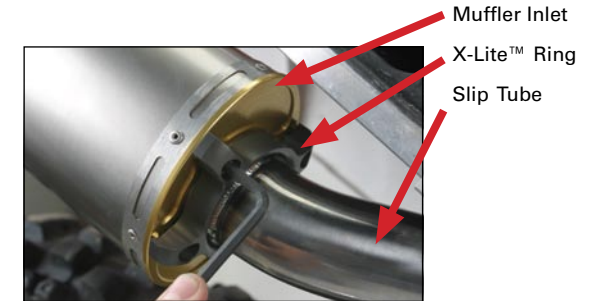
4. Remove the muffler mount bolt and remove the muffler assembly.



5. Remove the OEM heat shield from the muffler assembly and attach it to the TBR muffler using the original hardware.



6. Use the 4 (four) 6 x 14mm socket head cap screws and split lock washers to loosely attach the X-Lite™ ring to muffler inlet using the split-lock washers provided. (See V.A.L.E.™ Assembly Detail below) Leave loose for now.



V.A.L.E.™ Assembly Detail

7. Make sure gasket is either in the TBR slip-on tube or on the OEM headpipe and slip the muffler assembly into place (joining the TBR slip-on and OEM headpipe). Attach the muffler with the 8 x 25mm Flange Bolt provided.



8. Attach spring at muffler joint.



9. Align the mid-pipe with the ATV to ensure maximum clearance and tighten the 4 V.A.L.E.™ bolts.



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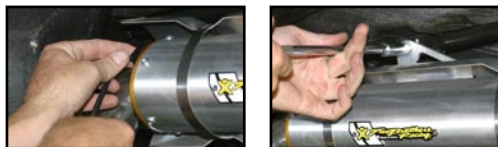
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Installation Instructions

- Double check to make sure that all hardware is securely tightened.



- Re-install the mid=pipe joint cover.



- Re-install all body parts listed in step 2.

- Before you run the quad, 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 quad and enjoy. It is normal for some white smoke to appear the first time you start the quad. 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.

*** Use the 2 shims supplied if you decide to remove the already installed P1 PowerTip.**



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 at the first signs of packing material deterioration. 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.