



401 South Grand Ave., Santa Ana, CA 92705
Tel: 714.550.6070 Fax: 714.550.9661 www.twobros.com



2009 Yamaha YFZ450

V.A.L.E.™ Slip-on Exhaust System with M-7 Canister
Part # 005-2430406V



Parts List

Qty.	Description	Part Number
1	Muffler Canister M-7 Aluminum	005-243-206MH
1	Stainless Steel Slip Tube	005-24304S
1	HARDWARE KIT	005-243-3
1	V.A.L.E.™ X-Lite™ Retaining Ring	005-7-2-2
4	6x14mm Socket Head Cap Screw	005-SH614
4	M6 Split Lock Washer	005-WL6
1	5mm Long Handle Ball end hex key	005-9-18610
1	TBR Sticker Kit	015-10212
1	Spark Arrestor (Pre-installed)	005-106S

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 atv is completely cool before starting the installation. Make sure the ATV is secure and is unable to move during installation.
2. Remove the OEM muffler assembly.
3. Join the V.A.L.E.™ X-Lite™ ring and slip tube with the end of the M-7 Canister using the supplied 6x14mm screws. Be sure to use the included split lock washers on all 4 of the screws. Loosely tighten all four screws. Keep the screws loose enough so that the tube can rotate back and forth inside the V.A.L.E. Cap.
5. Tighten the 4 6x14mm V.A.L.E. Cap screws.



V.A.L.E.™ Assembly Detail

4. Install TBR muffler assembly to ATV using the OEM mounting bolt in the rear mounting location.



6. Before you run the atv, 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 atv 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. After 30-60 minutes of use, recheck all fasteners for tightness.

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 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.



401 South Grand Ave., Santa Ana, CA 92705
 Tel: 714.550.6070 Fax: 714.550.9661 www.twobros.com



**2009 Yamaha
 YFZ450**

V.A.L.E.™ Slip-on Exhaust System with M-7 Canister
 Part # 005-2430406V

005-2430406V



Qty.	Description	Part Number
1	Muffler Canister M-7 Aluminum	005-243-206MH
1	Stainless Steel Slip Tube	005-24304S
1	HARDWARE KIT	005-243-3
1	V.A.L.E.™ X-Lite™ Retaining Ring	005-7-2-2
4	6x14mm Socket Head Cap Screw	005-SH614
4	M6 Split Lock Washer	005-WL6
1	5mm Long Handle Ball end hex key	005-9-18610
1	TBR Sticker Kit	015-10212
1	Spark Arrestor (Pre-installed)	005-106S

