



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



2009 Yamaha Zuma 125

V.A.L.E.™ Full Exhaust System with M-2 Canister
Part # 005-2470106V / 005-2470107V / 005-2470108V



Parts List

Qty.	Description	Part Number
1	Muffler Canister M-2	Varies
1	Header	005-24701H
1	Muffler Clamp	Varies
1	HARDWARE KIT	005-247-3
2	X-Ring (half)	005-7-2-3
1	Scooter SS Bolt-on Support Bracket	005-187B
1	Long Muffler Mounting Bracket	005-247-B
1	Fender Support Bracket	005-247-BS
2	8mm Flange Nut	005-FN8
1	6x20mm Socket Head Cap Screw	005-SH620
1	M6 Flat Washer (18mm OD)	005-WF6-18
1	10x25mm Black Flange Bolt	005-FB1025B
3	8x16mm Flange Bolt	005-FB816
4	6x14mm Socket Head Cap Screw	005-SH614
4	6mm Split Lock Washer	005-WL6
1	5mm Long Handle Ball End Hex Key	005-9-18610
1	T20Torx Short Hex Key	005-9-15820
1	TBR Sticker Kit	015-10212

IMPORTANT - PLEASE READ CAREFULLY

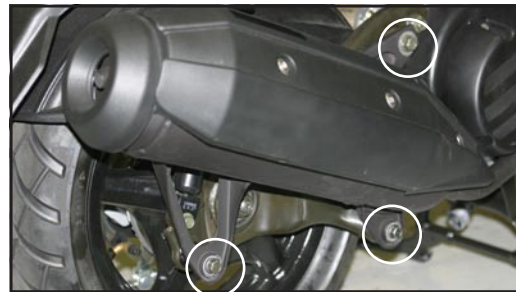
We recommend that this performance part be installed by a qualified motorcycle technician. If you have any doubts as to your ability to install this performance part, please consult with your local motorcycle dealer. Read all instructions first before starting installation. Make sure the motorcycle and exhaust system are completely cool before starting the installation. Also, make sure the bike is secure on a 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 bike is completely cool before starting the installation. Make sure the bike is secure on a centerstand or ideally a service lift.
2. Remove OEM O2 sensor from head pipe.



3. Remove OEM headpipe by removing the 3 mounting bolts and header nuts keeping rubber grommet in rear fender for re-use.



4. Install TBR long muffler mounting bracket using the supplied 10mm flange bolt in the front and 8mm flange bolt in the back.



5. Mount the fender support with the 6x20mm socket head cap screw and washer through rubber grommet into fender support bracket.



6. Mount muffler support bracket and fender support using the supplied 8mm flange bolt and nut provided.



7. Install TBR muffler to TBR header pipe using the 6x14mm socket head cap screws and lock washers provided, leave loose for now.



8. Install TBR header pipe assembly and mount muffler using the rubber lines supplied muffler clamp and secure with the supplied flange bolt and nut.



9. When muffler is aligned correctly tighten the header flange nuts and muffler mounting X-Ring bolts.
10. Re-install the OEM O2 sensor.
11. 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.



Absolute Top Level™

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



2009 Yamaha Zuma 125

V.A.L.E.™ Full Exhaust System with M-2 Canister
Part # 005-2470106V / 005-2470107V / 005-2470108V



Care & Cleaning / Warranty

Care & Cleaning

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.

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.

005-2470106V

005-2470107V

005-2470108V



Qty.	Description	Part Number
1	Muffler Canister M-2	005-187-206M
1	Header	005-24701H
1	Muffler Clamp	005-2C
1	HARDWARE KIT	005-247-3
2	X-Ring (half)	005-7-2-3
1	Scooter SS Bolt-on Support Bracket	005-187B
1	Long Muffler Mounting Bracket	005-247-B
1	Fender Support Bracket	005-247-BS
2	8mm Flange Nut	005-FN8
1	6x20mm Socket Head Cap Screw	005-SH620
1	M6 Flat Washer (18mm OD)	005-WF6-18
1	10x25mm Black Flange Bolt	005-FB1025B
3	8x16mm Flange Bolt	005-FB816
4	6x14mm Socket Head Cap Screw	005-SH614
4	6mm Split Lock Washer	005-WL6
1	5mm Long Handle Ball End Hex Key	005-9-18610
1	T20 Torx Short Hex Key	005-9-15820
1	TBR Sticker Kit	015-10212

Qty.	Description	Part Number
1	Muffler Canister M-2	005-187-207M
1	Header	005-24701H
1	Muffler Clamp	005-2C1
1	HARDWARE KIT	005-247-3
2	X-Ring (half)	005-7-2-3
1	Scooter SS Bolt-on Support Bracket	005-187B
1	Long Muffler Mounting Bracket	005-247-B
1	Fender Support Bracket	005-247-BS
2	8mm Flange Nut	005-FN8
1	6x20mm Socket Head Cap Screw	005-SH620
1	M6 Flat Washer (18mm OD)	005-WF6-18
1	10x25mm Black Flange Bolt	005-FB1025B
3	8x16mm Flange Bolt	005-FB816
4	6x14mm Socket Head Cap Screw	005-SH614
4	6mm Split Lock Washer	005-WL6
1	5mm Long Handle Ball End Hex Key	005-9-18610
1	T20 Torx Short Hex Key	005-9-15820
1	TBR Sticker Kit	015-10212

Qty.	Description	Part Number
1	Muffler Canister M-2	005-187-208M
1	Header	005-24701H
1	Muffler Clamp	005-2C2
1	HARDWARE KIT	005-247-3
2	X-Ring (half)	005-7-2-3
1	Scooter SS Bolt-on Support Bracket	005-187B
1	Long Muffler Mounting Bracket	005-247-B
1	Fender Support Bracket	005-247-BS
2	8mm Flange Nut	005-FN8
1	6x20mm Socket Head Cap Screw	005-SH620
1	M6 Flat Washer (18mm OD)	005-WF6-18
1	10x25mm Black Flange Bolt	005-FB1025B
3	8x16mm Flange Bolt	005-FB816
4	6x14mm Socket Head Cap Screw	005-SH614
4	6mm Split Lock Washer	005-WL6
1	5mm Long Handle Ball End Hex Key	005-9-18610
1	T20 Torx Short Hex Key	005-9-15820
1	TBR Sticker Kit	015-10212