



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

Kawasaki ZX-14R

V.A.L.E.™ DUAL Slip-on Exhaust System with M-2 Canister
Part # 005-218040xDV



Parts List

Qty.	Description	Part Number
1	ZX-14 M-2 Muffler Canister - Right Side	Varies
1	ZX-14 M-2 Muffler Canister - Left Side	Varies
1	ZX-14 Slip-On Tube - Right Side	005-21804SR
1	ZX-14 Slip-On Tube - Left Side	005-21804SL
2	Muffler Canister Clamp	Varies
1	HARDWARE KIT	005-218-3
2	X-Ring Kit	005-7-2-3KIT
2	Barrel Clamp	005-27-65MSH
1	8mm Spacer with 10mm Clearance Hole	005-S-810
1	10x60mm Socket Head Cap Screw	005-SH1060
1	10x70mm Socket Head Cap Screw	005-SH1070
2	10mm Nylon Lock Nut	005-NN10
2	10mm Washer	005-WF10
1	Permatex Ultra Black Gasket Maker	031-P22072
1	Sticker Kit	015-10212

IMPORTANT - PLEASE READ CAREFULLY

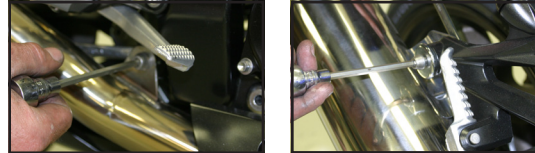
We recommend that this performance part be installed by a qualified motorcycle technician. If you have any doubts as to your ability to install this performance part, please consult with your local motorcycle dealer. Read all instructions first before starting installation. Make sure the motorcycle and 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

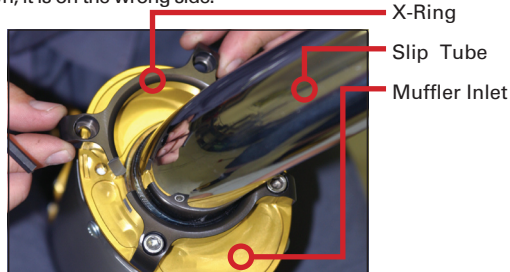
1. Make sure the bike is completely cool before starting the installation. Make sure the bike is secure on a centerstand or ideally a service lift.
2. Loosen both of the clamps near the collector on each side.



3. Remove the stock muffler mounting bolts and remove the stock mufflers, one at a time.



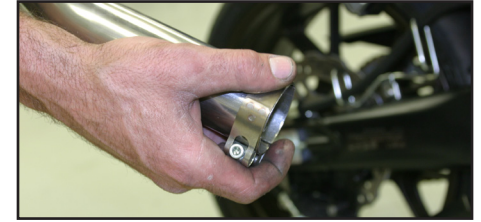
4. Attach the V.A.L.E. X-Rings over the slip-on tubes and loosely attach to the TBR muffler canisters, using the 6x14 screws and the supplied split lock washers. The slip-on tubes are different - one left and one right. If the badge on the slip-on tube is upside down, it is on the wrong side.



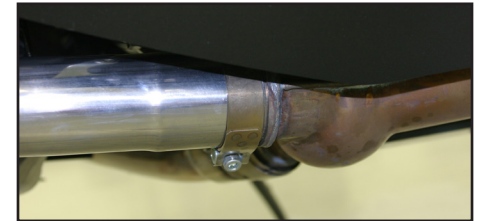
5. Slide the supplied muffler canister clamps over the TBR muffler canisters.



6. Place the supplied barrel clamp around the end of the TBR slip-on tube, and add a small bead of the included hi-temp sealant to the inside of the slip-on tube.



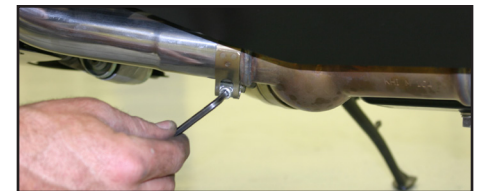
7. Slide the slip-tube onto the stock collector.



8. Attach the muffler canisters to the bike using the supplied allen bolts. The left side will require the use of a spacer and the longer 70mm allen bolt (included) in order to provide clearance for the chain.



9. Check to be sure that both exhausts are positioned and aligned correctly. Once you are satisfied with the position of the exhaust, tighten the barrel clamp, then the V.A.L.E. X-Ring, followed lastly by the muffler canister clamp.



(Continued on page 2)



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

Kawasaki ZX-14R

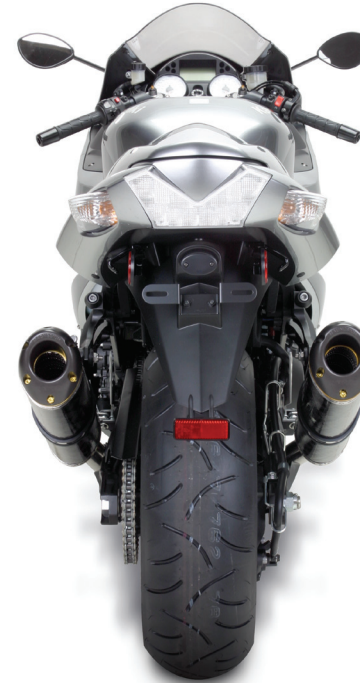
V.A.L.E.™ DUAL Slip-on Exhaust System with M-2 Canister
Part # 005-218040xDV



Qty.	Description	Part Number
1	ZX-14 M-2 Muffler Canister - Right Side	Varies
1	ZX-14 M-2 Muffler Canister - Left Side	Varies
1	ZX-14 Slip-On Tube - Right Side	005-21804SR
1	ZX-14 Slip-On Tube - Left Side	005-21804SL
2	Muffler Canister Clamp	Varies
1	HARDWARE KIT	005-218-3
2	X-Ring Kit	005-7-2-3KIT
2	Barrel Clamp	005-27-65MSH
1	8mm Spacer with 10mm Clearance Hole	005-S-810
1	10x60mm Socket Head Cap Screw	005-SH1060
1	10x70mm Socket Head Cap Screw	005-SH1070
2	10mm Nylon Lock Nut	005-NN10
2	10mm Washer	005-WF10
1	Permatex Ultra Black Gasket Maker	031-P22072
1	Sticker Kit	015-10212

Installation Instructions

- Double check your work to ensure everything is tight and properly installed.
- 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

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.