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## Kawasaki ZX-14R

V.A.L.E.™ DUAL Slip-on Exhaust System with M-2 Canister  
Part # 005-31604



### 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	005-31604SR
1	ZX-14 Slip-On Tube - Left Side	005-31604SL
2	Muffler Canister Clamp	Varies
1	HARDWARE KIT	005-316-3
4	X-Ring (halves)	005-7-2-4
2	66mm Barrel Clamp	005-27-66MSH
1	5mm Long Handle Ball end hex key	005-9-18610
8	6x20mm Socket Head Cap Screw	005-SH620
8	6mm Split 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.*

### 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 rear under-belly cover.



3. Remove left and right stock exhaust canisters, retain OEM hardware for TBR installation.



4. Attach the V.A.L.E. X-Rings over the slip-on tubes and loosely attach to the TBR muffler canisters, using the 6x20mm screws and the supplied split lock washers. The slip-on tubes are different - one left and one right. The left tube has more of a bend at the joint.



5. Slide the supplied rubber-lined muffler canister clamps over the TBR muffler canisters. Place the supplied barrel clamp around the end of the TBR slip-on tube, slide the slip-tube onto the stock collector.



6. Attach the muffler canisters to the bike using the OEM hardware.



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



10. Remove rubber grommets that are not being used.



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. After 50 to 100 miles, recheck all fasteners for tightness.



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## 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.

