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Kawasaki Vulcan S 650

Full Exhaust System
Part # 005-4200199-B



Parts List

Qty.	Description	Part Number
1	Comp-S	Stainless
1	Barrel Clamp	005-27-61MSH
1	Header Assembly	005-42001H
1	O2 Sensor Kit	005-92-22KIT
1	Nylon Nut	005-NN11
1	Washer	005-W0516
1	Permatex Anti-seize Lubricant	031-P09175

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 vehicle and exhaust system are completely cool before starting the installation. Also, make sure the vehicle is secure on a center stand 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 bike is completely cool before starting the installation. Make sure the bike is secure on the side stand or ideally a rear service stand.
2. Loosen head pipe hardware.



3. Remove muffler mounting bolt.



4. Lower OEM exhaust assembly. Remove O2 sensor.



5. Attach the TBR header assembly using OEM hardware and gaskets. Leave loose for now.



6. Apply small amount of anti-seize to O2 sensor threads and install O2 sensor with adaptor into head pipe.



7. Slide supplied barrel clamp over muffler inlet and install muffler onto mid-pipe.



8. Attach muffler mount to OEM mount using original mounting bolt with supplied nut and washer.



9. Tighten all hardware starting with header, barrel clamp, and mounting bracket.

10. 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

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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.

Repack all road canisters every 3,000 miles. Part #005-10038
Repack all Off road 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.