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Mfg: Honda **Make:** Valkyrie
Year: All
Product: 6 into 2 Exhaust System



Parts List

- 1- Header (#005-4701N)
- 1- Crossover Pipe
- 2- Canisters (left & right exit, slip-on)
- 2- Canister Clamps
- 2- Hanger Brackets (#005-47-B)
- 4- Connector Springs (#005-S80)
- 2- 8mm x 35mm Hex Bolts
- 4- 8mm Nylock Nuts
- 2- 8mm Washers
- 4- 10mm x 25mm Button Head Bolts
- 4- 10mm Nuts

- 1- Packet of Hi-Temp Anti-Seize
- 1- Packet of Hi-Temp Sealant

NOTE: You may also need six (6) exhaust port gaskets which are available at your local Honda dealer. We strongly suggest replacing these gaskets whenever installing an exhaust system to ensure a proper seal.

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.

Chrome Header System: Chromed header tubing will turn blue close to the exhaust ports, this is normal. To prevent corrosion you must keep the header pipes clean.

Carbon Fiber & X-Metal Mufflers: X-Metal CF canisters will shift color from their original silver color to an amber color after a few heat cycles, similar to the way our stainless steel headers shift color. 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 / X-Metal CF 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

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.

IMPORTANT - PLEASE READ CAREFULLY

We recommend that this performance exhaust system be installed by a qualified motorcycle technician. If you have any doubts as to your ability to install this exhaust system, 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 the sidestand or ideally a rear service stand during installation. Be sure to save all stock exhaust components for possible use later.

Installation Instructions

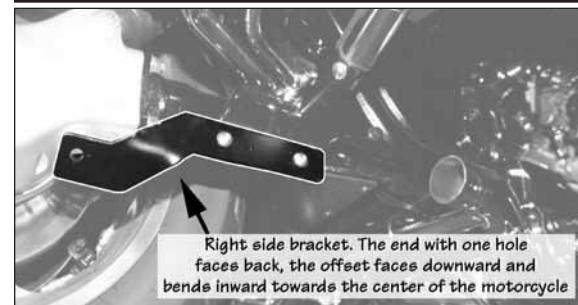
1. Make sure the bike is completely cool before starting the installation. Make sure the bike is secure on the sidestand or ideally a rear service stand.
2. Remove both *passenger* footpeg brackets. Remove left side *rider* footpeg and bracket. Remove shift lever.
3. Remove lower side case guard bolt and spacer to allow for removal of stock headpipes.
4. Remove stock header pipes and exhaust system.
5. Reinstall all footpeg brackets.
6. Install the new exhaust port gaskets into the left side cylinder ports. A little dab of grease will hold these in place while you work. Apply anti-seize compound to the exhaust studs. Install left side kit header pipe. **Leave loose for now.**
7. Install the kit crossover pipe. **Leave loose for now.**
8. Install the new exhaust port gaskets into the right side cylinder ports. A little dab of grease will hold these in place while you work. Apply anti-seize compound to the exhaust studs. Install right side kit header pipe. **Leave loose for now.** Be sure the crossover pipe is properly inserted.
9. Place the 8mm x 35mm canister clamp bolt in the hole provided in the hanger bracket now. The head of the bolt goes on the inside of the bracket and the bolt points out and down. Install the right side muffler hanger bracket to the stock muffler mounting location with the 10mm nuts and bolts provided. **See illustration for details.** The heads of the bolts are on the outside of the bracket and the bolts point inward
10. Install the left side hanger bracket the same way as the right side.
11. Place a bead of the hi-temp sealant on the outside edge of the s-bend that goes into the canister. Slide the TBR canister onto the end of the S-bend pipe. Wipe off the excess sealant that will squeeze out.
12. Carefully slide the canister clamp over the canister. (**Note:** The stainless steel canister clamp and the name badge on the canister come from the factory with a clear plastic protective film. Please remove this film before operation.) Locate

both tabs of the canister clamp outside of the hanger bracket. **Leave loose for now.**

13. Repeat steps 11 and 12 for the opposite side.
14. Align the canisters to the desired location and tighten all of the hardware starting at the front of the bike and working your way backward. Install the springs.
15. Reinstall case guard and spacers.
16. 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.

Additionally, we do not recommend rejetting or changing the stock air filter on the Valkyrie with any of our systems. Our testing indicates the best performance is with the stock jetting and stock air filter when using any of our exhaust systems on the Valkyrie.

Bracket Detail



OE Exhaust System

