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**2003-05 Honda
CRF 150F**

V.A.L.E.™ Complete Stainless/Aluminum Exhaust System with M-6 Canister
Part # 005-500104M



Parts List

Qty.	Description	Part Number
1	CRF150F M-6 Muffler Canister	005-50-204
1	CRF150F Header	005-5001H
1	HARDWARE KIT	005-50-3
1	Permatex Ultra Black Gasket Maker	031-P22072
2	TBR Script Logo Yellow Decal 4"	015-10208-A

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 the sidestand or ideally a rear service stand.
2. Remove the right, rear number plate panel.
3. Remove the stock exhaust system saving OEM hardware for later use.
4. Install the Two Brothers Racing header using OEM hardware. Leave header flange nuts loose for now.
5. Place a bead of the hi-temp sealant on the outside edge of the header that goes into the canister. Slide the Two Brothers Racing canister onto the end of the header. Wipe off the excess sealant that will squeeze out.
6. Attach muffler to subframe using OEM hardware. Leave loose for now.
7. Make sure everything is aligned and tighten all hardware.
8. 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 your first ride, recheck all fasteners for tightness.

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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.