



401 South Grand Ave., Santa Ana, CA 92705
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2007 Honda CBR1000RR

V.A.L.E.™ Slip-on Exhaust System with M-2 Canister
Part # 005-1810406V / 005-1810407V / 005-1810408V



Parts List



Qty.	Description	Part Number
1	M-2 Muffler Canister	Varies
1	Slip-On Tube Assembly	005-18101S
1	HARDWARE KIT	005-181-3
1	X-Ring Kit	005-7-2-3KIT
1	Muffler Canister Clamp Halves (set of 2)	005-2C3
1	Barrel Clamp	005-27-63MSH
1	Stainless "L" Bracket (set of 2)	005-112B
4	8mm Nylon Lock Nut	005-NN8
2	8x20mm Socket Head Cap Screw	005-SH820
2	8x35mm Flange Bolt	005-FB835

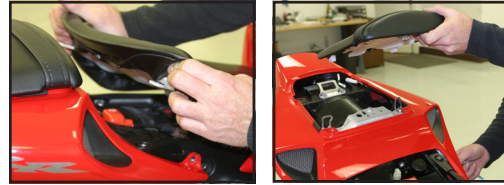
IMPORTANT - PLEASE READ CAREFULLY

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.

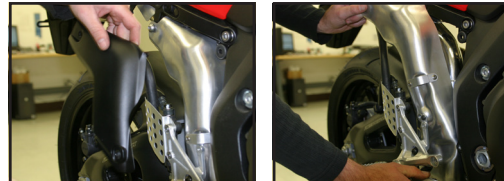
2. Remove the seats and rear tail section.



3. Remove right side passenger peg assembly and right side rear set.



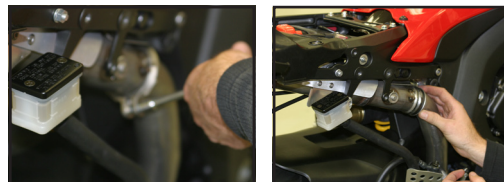
4. Remove right side heat shield and heat shield cover.



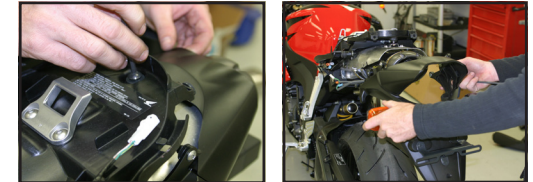
5. Remove the exhaust valve cables from servo under seat key latch.



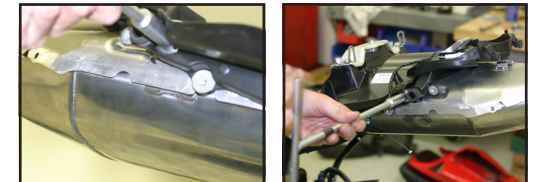
6. Remove the clamp joining the header to the muffler assembly.



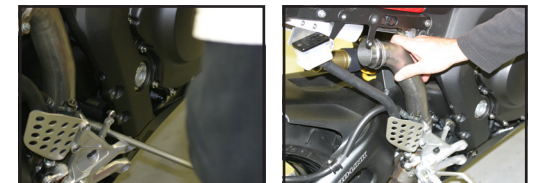
7. Remove the rear fender.



8. Remove the muffler mounting bolts & muffler assembly, including the 8mm head bolt on the right side of the tail.

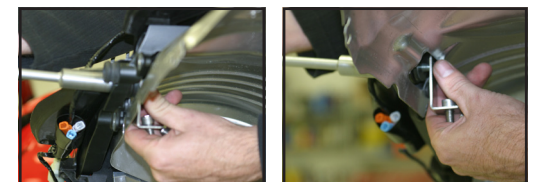


9. Remove mid-pipe section.



10. Re-install the OEM Heatshield.

11. Install the "L" brackets (left and right) provided as shown, underneath the fender using the supplied 8mm x 35mm flanged hex bolts, nylon lock nuts and stock washers in the same bolt location of the stock muffler mounting bolts. Be sure to use loctite on these brackets and torque bolts to 15-18 ft. lbs.





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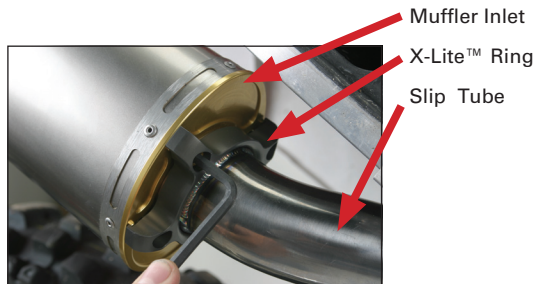


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12. Loosely attach the V.A.L.E.™ muffler to the stainless steel V.A.L.E.™ connector tube using the supplied 6x14mm socket head cap screws and 6mm split washers.



V.A.L.E.™ Assembly Detail

13. Loosely slide the barrel clamp over the stock header pipe.



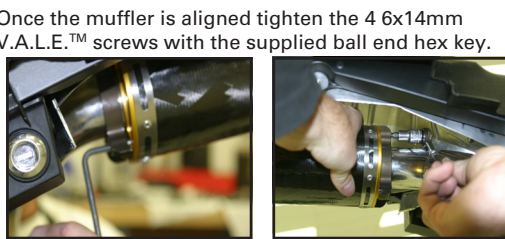
14. Install the top clamp half first (note orientation of clamp half see photo). After the top clamp has been positioned in place with the ears of the clamp under the "L" bracket, install the bottom half of the bracket. Loosely install the supplied 8mm x 20mm screws.



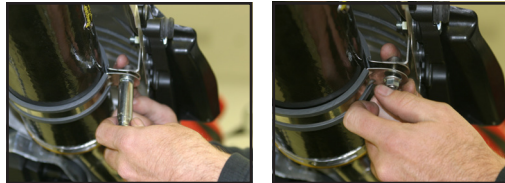
15. Line the muffler up and center it inside the rear fender.



16. Once the muffler is aligned tighten the 4 6x14mm V.A.L.E.™ screws with the supplied ball end hex key.



17. Tighten the muffler clamps halves



18. Tighten the barrel clamp.

19. Check your work and clean all fingerprints

20. Re-install the stock fender, seat cowl, seat, passenger peg mount, rear set, plastic heat shield, and anything else that you may have loosened or removed during installation.

21. Make sure everything is aligned and tighten all hardware.

22. 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.

Installation Instructions



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 every 3,000 miles. 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.

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.



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