



Honda CBR1000RR

V.A.L.E.™ Full Exhaust System with M-2 Canister
Part # 005-2060106V / 005-2060107V / 005-2060108V



Parts List

| Qty. | Description | Part Number |
|------|-----------------------------------|---------------------|
| 1 | M-2 Muffler Canister | Varies |
| 1 | Slip-On Tube Assembly | 005-20601S |
| 1 | Canister Clamp | Varies |
| 1 | Header Kit | 005-20601H |
| 1 | Adaptor Kit | 005-92-22KIT |
| 1 | Custom Mounting Bracket | 005-206B |
| 1 | X-Ring Kit | 005-7-2-3KIT |
| 1 | Barrel Clamp | 005-27-63MSH |
| 1 | 8x20mm Socket Head Cap Screw | 005-SHF820 |
| 1 | 8mm Aluminum Washer | 005-WA8 |
| 1 | 8mm Flange Nut | 005-FN8 |
| 1 | Permatex Ultra Black Gasket Maker | 031-P22072 |
| 1 | TBR Sticker Kit | 015-10212 |

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 seat cowl, and the seat.



3. Mark the location of servo. Disconnect Servo Butterfly valve cable and re-route cable as shown (It will be removed later with exhaust). Return servo to its original location or engine light may be tripped.



4. Remove the muffler mounting bolts & muffler assembly.



5. Remove left and right upper fairings, and lower fairing.



**NOTE: If removal of fairings becomes complicated please refer to owners manual for correct procedure.*

6. Remove Radiator bolts, leave radiator in place. This will help create space to remove OEM headers and installation of TBR headers.



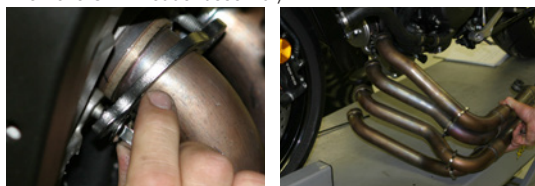
7. Remove OEM lower mounting hardware, this will not be reused.



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8. Remove OEM header assembly.



9. Install TBR headers. Retain OEM header gaskets for use with TBR system.



10. Install the muffler bracket using the supplied bracket and OEM nut and bolt.



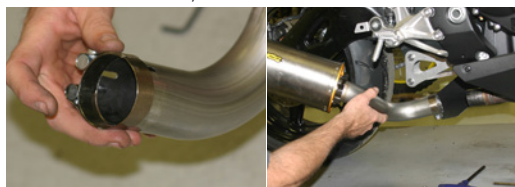
11. Loosely attach the V.A.L.E. muffler to the stainless steel V.A.L.E. connector tube using the supplied 6x14mm socket head cap screws and 6mm split washers.



V.A.L.E.™ Assembly Detail

Installation Instructions

12. Loosely slide the barrel clamp over the slip-on assembly. Install the muffler assembly to the bike by attaching the muffler clamp to the custom bracket using the supplied depressed washer, bolt and nut. Attach slip-on to TBR header assembly.



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



14. Tighten the barrel clamp.



15. Check your work and clean all fingerprints
16. Re-install the seat cowl and seat. Re-install the lower, and side fairings.
17. Make sure everything is aligned and tighten all hardware.
18. Check for clearance and make adjustments if needed.
19. 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.

* For best overall performance a JuiceBox (008-206) is recommended.

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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