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2003-04 Honda CBR600RR

V.A.L.E.™ Slip-on Exhaust System with M-2 Canister
Part # 005-110406M / 005-110407M / 005-110408M



Parts List



Qty.	Description	Part Number
1	CBR600RR M-2 Muffler Canister	Varies
1	CBR600RR Muffler Canister Clamp	Varies
2	CBR600RR Slip-On Tube	005-1104NV
1	HARDWARE KIT	005-11-3
1	X-Lite™ V.A.L.E.™ Retaining Ring	005-7-2-2
1	Barrel Clamp	005-27-63MSH
4	6 x 14mm Socket Head Cap Screws	005-SH614
4	6mm Split Lock Washer	005-WL6
1	5mm Long Handle Ball End Hex Key	005-9-18610
1	Permatex Black Gasket Maker	031-P22072

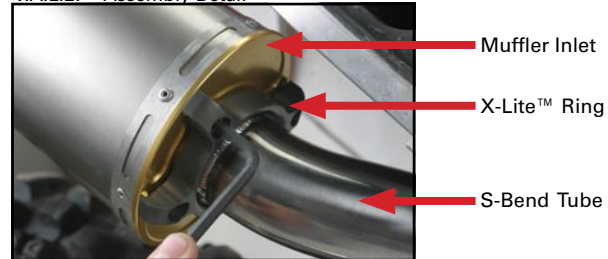
IMPORTANT - PLEASE READ CAREFULLY

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 rightside foot peg.
3. Loosen the clamp that holds the muffler connector pipe to the headers.
4. Remove the hardware that holds the stock muffler to the tail section. Remove the muffler from the bike. **Be sure to remove the exhaust gasket (header/muffler junction) as our system does not use it.**
5. Attach the X-Lite™ V.A.L.E.™ assembly to the muffler canister using the 4 (four) 6 x 14mm socket head cap screws and lock washers provided. **Leave loose for now.**
9. 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.

V.A.L.E.™ Assembly Detail



Muffler Inlet

X-Lite™ Ring

S-Bend Tube

6. Place a bead of high temp sealant on the end of the header. Slide the S-bend connector pipe onto the end of the headers, using the stainless steel T-bolt clamp to attach it to the headers. Wipe off the excess sealant that will squeeze out. **Leave loose for now.**
7. Carefully slide the muffler clamp over the muffler. You may need to twist and turn the S-bend a little to get it in the right place. Locate one tab of the canister clamp on one side stock mounting tab and the other tab on the other side of the stock mounting tab. Use the stock hardware to secure it. **Leave loose for now.**
8. Make sure that the muffler canister is aligned correctly and tighten all hardware. Securely tighten barrel clamp, V.A.L.E.™ assembly, and muffler clamp.



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.

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.

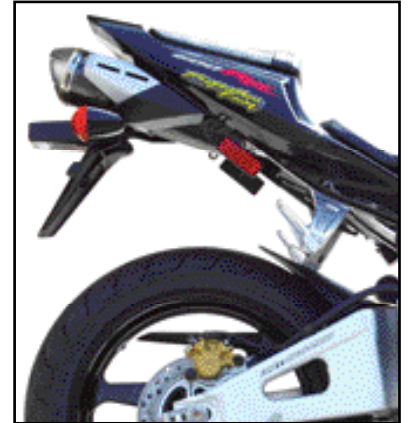


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CBR600RR**

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Part # 005-110406V / 005-110407V / 005-110408V



005-110406V

005-110407V

005-110408V



Qty.	Description	Part Number
1	CBR600RR M-2 AL Muffler Canister	005-12-206
1	CBR600RR Muffler Canister Clamp	005-2C-6
2	CBR600RR Slip-On Tube	005-1104NV
1	HARDWARE KIT	005-11-3
1	X-Lite™ V.A.L.E.™ Retaining Ring	005-7-2-2
1	Barrel Clamp	005-27-63MSH
4	6 x 14mm Socket Head Cap Screws	005-SH614
4	6mm Split Lock Washer	005-WL6
1	5mm Long Handle Ball End Hex Key	005-9-18610
1	Permatex Black Gasket Maker	031-P22072

Qty.	Description	Part Number
1	CBR600RR M-2 CF Muffler Canister	005-12-207
1	CBR600RR Muffler Canister Clamp	005-2C-6
2	CBR600RR Slip-On Tube	005-1104NV
1	HARDWARE KIT	005-11-3
1	X-Lite™ V.A.L.E.™ Retaining Ring	005-7-2-2
1	Barrel Clamp	005-27-63MSH
4	6 x 14mm Socket Head Cap Screws	005-SH614
4	6mm Split Lock Washer	005-WL6
1	5mm Long Handle Ball End Hex Key	005-9-18610
1	Permatex Black Gasket Maker	031-P22072

Qty.	Description	Part Number
1	CBR600RR M-2Ti Muffler Canister	005-12-208
1	CBR600RR Muffler Canister Clamp	005-2C-6
2	CBR600RR Slip-On Tube	005-1104NV
1	HARDWARE KIT	005-11-3
1	X-Lite™ V.A.L.E.™ Retaining Ring	005-7-2-2
1	Barrel Clamp	005-27-63MSH
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