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Honda CBR954RR (2002-03) Flange-On Exhaust System



Parts List

QTY.	DESCRIPTION	PART NUMBER
1	MUFFLER (17.5", RIGHT SIDE, FLANGE # 94)	VARIABLES
1	MUFFLER CLAMP	VARIABLES
1	HARDWARE KIT	005-61-3
1	8MM ALUMINUM SPACER	005-S-8
1	8 X 55MM SOCKET HEAD CAP SCREW	005-SH855
3	8 X 20MM SOCKET HEAD CAP SCREW	005-SH820
1	8MM NYLOCK NUT	005-NN8
4	8MM WASHER	005-WF8
2	TWO BROTHERS RACING STICKERS	015-10208-A



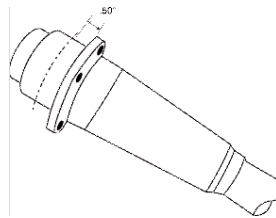
005-6104

IMPORTANT - PLEASE READ CAREFULLY

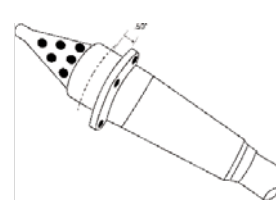
We recommend that this performance exhaust system be installed by a qualified motorcycle technician. If you have any doubts as to your ability to install this exhaust system, please consult with your local motorcycle dealer. Read all instructions first before starting installation. Make sure the motorcycle 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 the stock canister at the passenger footpeg bracket and where it bolts to the end of the exhaust pipe. **Remove the exhaust gasket, you will be reusing this gasket.**
3. In order to install your new canister you will have to cut off most of the cone-shaped section of pipe just past the face of the flange. A hacksaw with a new blade will work fine. Better yet, a Sawzall with a new blade works extremely well. This section of pipe is restrictive to the exhaust flow, hindering performance and it interferes with the installation of the new canister. This is perfectly normal for aftermarket flange-on canisters and it will not affect re-installation of the stock exhaust should you ever want to bolt the stock canister back on.



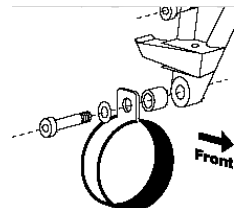
CBR954RR California Model stock pipe exhaust pipe



CBR954RR 49 State Model stock pipe exhaust pipe

Exhaust Cone Detail

4. Slip the new canister onto the stock pipe flange, re-using the stock exhaust gasket. Use the 8mm x 20mm bolts and tighten evenly until the flange face surfaces are mated.
5. 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.**) Using the aluminum spacer, place it between the clamp and the footpeg bracket. Attach it to the footpeg bracket using the longer bolt provided. Go ahead and tighten.



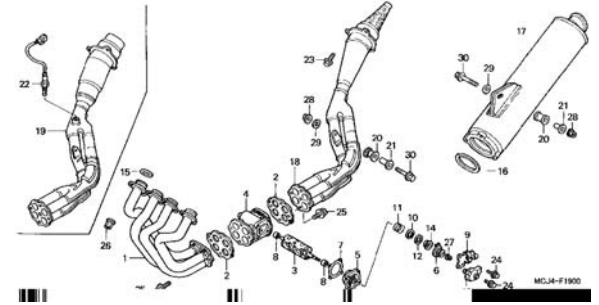
Canister Clamp Detail

6. 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.

OE Exhaust System

California Model

49 State Model



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 & 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.