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Mfg: Kawasaki **Make:** ZX-12R
Year: All
Product: Flange-On Exhaust System



Parts List

Qty.	Description	Part Number
1	Muffler Canister	Varies
1	Canister Clamp with Rubber Liner	Varies
1	HARDWARE KIT	005-71-3
1	ZX-12R Muffler Bracket	005-71B
4	8 x 25mm Flange Bolts	005-FB825
1	8 x 20mm Socket Head Cap Screw	005-SH820
1	8mm Washer	005-WF8
1	8mm Flange Nut	005-FN8
2	Two Brothers Racing Stickers	015-10208-A

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.

Chrome Header System: Chromed header tubing will turn blue close to the exhaust ports, this is normal. To prevent corrosion you must keep the header pipes clean.

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.

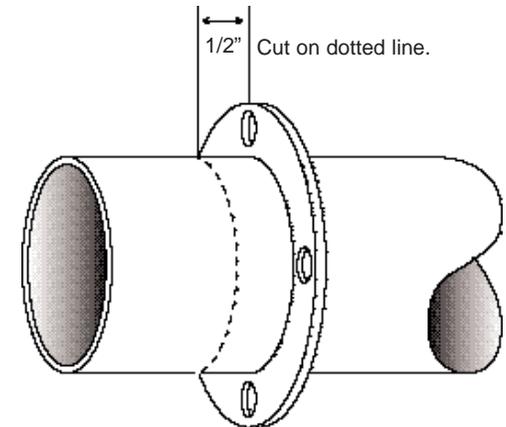
IMPORTANT - PLEASE READ CAREFULLY

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 nuts holding the stock canister onto the flange. Loosen the hardware that holds the canister to the passenger footpeg and remove the canister from the bike. **You will reuse the stock flange gasket.**
3. Before bolting our new muffler on you will have to cut off most of the tubing that extends past the flange face (ref. picture on right). *Measure 1/2" back from the flange then cut and debur the tube.* This tubing that you will remove is part of the OEM design that allows the bike to meet production sound standards. It is not a performance enhancing device. Conversely it actually restricts the flow of exhaust gas. Removing it will not adversely affect the running condition of your motorcycle.
4. Slip the new canister onto the stock pipe flange, **re-using the stock gasket.** Use the 8mm x 25mm bolts to attach the new canister and tighten evenly until the flange surfaces are mated.
5. Install the ZX-12R bracket to the passenger footpeg bracket using the stock hardware.
6. Carefully slide the muffler clamp over the muffler. (**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.**) Locate both tabs of the canister clamp on the outside of the ZX-12R bracket. Use the 8mm x 20mm bolt and nut to secure it.
7. 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.

Flange Detail



Canister Clamp Detail

