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## Buell M2 / S1 / S3 / X1 Slip-On Exhaust System



### Parts List

QTY.	DESCRIPTION	PART NUMBER
1	C2 MUFFLER (17.5") (BADGE ON TOP OF INLET SIDE)	VARIABLES
2	C2 MUFFLER CLAMPS	VARIABLES
1	STAINLESS STEEL S-BEND	005-3704N
1	MUFFLER MOUNTING BRACKET	005-3704B
2	75MM SPRINGS	005-S75
1	8MM X 60MM HEX BOLT	N/A
3	8MM NYLOCK NUTS	N/A
4	8MM WASHERS	N/A
1	18MM SPACER	005-S-18
2	8MM X 20MM FLANGE BOLTS	N/A
1	HI-TEMP SEALANT	031-P22072
2	TWO BROTHERS RACING STICKERS	015-10197



005-3704

Two Brothers Racing

### 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 hardware that holds the stock canister to the header pipe, the front motor mount and at the rear.
3. Remove the stock muffler canister and connector pipe, and hang onto the hardware for the front mounting. NOTE: The Buell needs A LOT of room under the bike to swing the muffler out, which may mean you'll need a buddy to hold the bike and lean it over to the right while you take off the muffler.
4. Install the new s-bend onto the stock header, using the stock clamp. Mount the stock motor mount hardware to the connector pipe tabs. **Leave loose for now.**
5. Place a bead of the hi-temp sealant on the outside edge of the s-bend. Slide the TBR canister onto the end of the s-bend. Wipe off the excess sealant that will squeeze out.
6. Slip the new canister onto the connector pipe.
7. Carefully slide the canister clamps 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.) Locate both tabs of the canister clamps on the outside/leftside of the mounting bracket. Use the 8mm x 20mm flange bolts, nuts and washers to secure it. **Leave loose for now.**
8. Install the two connector springs, and tighten all hardware.
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.

### S-Bend Detail



### Canister Clamp Detail



### 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.