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## 2003-07 Honda TRX400EX

Slip-On Exhaust System with M-7 Aluminum Canister  
Part # 005-1100406V



### 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. Be sure to save all stock components for possible use later.**

**\*\*This product has not been tested with all available accessories and some items may cause excessive heat. Excessive heat may cause damage to your vehicle. Two Brothers Racing will not be responsible for damaged parts.**

### 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.

### Installation Instructions

1. Make sure the ATV is completely cool before starting the installation. Make sure the ATV is secure on a level surface and the wheels are chocked to prevent the ATV from rolling during installation.
2. Remove the stock slip on (1 bolt & nut at the top of the stock muffler), (1 bolt and nut at the bottom front bracket), and loosen the clamp holding the slip on to the header. Be sure to save the stock hardware because you will be using all of it except for the bolt that holds the top of the muffler to the frame.
3. Use the supplied 6x14mm socket head cap screws and slip lock washers to loosely attach the X-Lite™ ring to the muffler inlet. Loosely tighten all four screws. Keep the screws loose enough so that the tube can rotate back and forth inside the V.A.L.E. Cap.



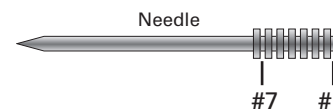
4. Install band clamp loosely on connector tube as shown



5. Install entire assembly onto header gently turning it into position so that the muffler bracket and the slip on tube bracket line up with the appropriate holes. Now slide the 18mm aluminum spacer behind the canister mounting tab and install the 8x45mm screw and stock nut and tighten.
6. Install the stock bolt and nut into the slip on mounting bracket and tighten.



7. Tighten the four (4) 6 x 14mm socket head cap screws to 7ft lbs. You may need to remove the muffler to tighten all four allen head bolts after you have snugged the muffler into position on the quad.
8. Tighten the Canister mounting tab and slip on mounting bracket to 15-18 ft. lbs.
9. Tighten the Barrel Band Clamp
10. Install the new #172 main jet in the carburetor. Refer to your owner's/service manual for installation procedure. Keep the needle clip in the stock position. Remove airbox lid.



11. Before you run the ATV, 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 ATV and enjoy. It is normal for some white smoke to appear the first time you start the ATV. This is packing/manufacturing oil from inside the pipe burning off. After 30-60 minutes of use, recheck all fasteners for tightness.

### 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 Mufflers:** 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 (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.



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Qty.	Description	Part Number
1	TRX400EX (2003-07) M-7 Aluminum Exhaust Canister	005-110-206M
1	TRX400EX (2003-07) Stainless Steel Slip-On Tube	005-11001S
1	HARDWARE KIT	005-110-3
2	X-Ring Kit	005-7-2-3KIT
1	18mm Aluminum Spacer	005-S-18
1	8x45mm Socket Head Cap Screw	005-SH845
1	Barrell Band Clamp	005-27-57MSH
1	#172 Main Jet	005-105-MJ172
1	5mm Long Handle Ball end hex key	005-9-18610
4	M6 Split Lock Washer	005-WL6
4	6x14mm Socket Head Cap Screw	005-SH614
1	TBR Sticker Kit	015-10212