



401 South Grand Ave., Santa Ana, CA 92705  
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## MX Re-pack Kits

Part # 005-10038MX, 005-10038MX-12, 005-10038MX-17



### Description

Repack all road canisters every 3,000 miles. Part #005-10038

Repack all offroad canisters after every 10 hours of use. Part #005-10038MX

### IMPORTANT - PLEASE READ CAREFULLY

**We recommend that this performance part be installed by a qualified 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.**

### 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 bike is completely cool before starting the installation. Make sure the bike is secure on a centerstand or ideally a service lift and remove the muffler assembly from the bike.
2. Keep the S-bend tube attached to the muffler for ease of removal when separating the inlet from the outer sleeve.
3. Remove the 6 retaining screws holding the inlet to the outer sleeve. Carbon and Titanium mufflers have a stiffening band under the retaining bolts that will be removed also.



4. Pull the S-bend away while holding the outer sleeve to separate them.



5. Remove contents from inside the muffler core/packing.



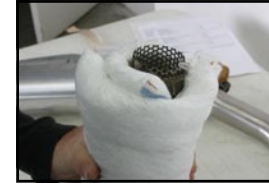
6. Separate old packing from core and discard packing.



7. Roll new packing tightly over the wire mesh covered perforated core and secure with the sticky tape on the packing pillow. You may want to wrap with masking tape for ease of installation.



8. Insert the new packed core into the muffler with the inlet side towards the front of the muffler. The inlet side has wire to hold the mesh sock from sliding down.



9. Replace the O-ring on the inlet if necessary or use the supplied Hi-temp silicone provided to seal the inlet. Some inlets and outlets have O-rings and some use sealant.



← Inlet Side (has wire)



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### 005-10038MX

Qty.	Description	Part Number
1	595g Packing Material	005-2-P15-1
12	5x10mm Screws	005-SH510B
12	5mm Belville Washer	005-BWS-5
1	Silicone Gasket Maker	031-P22072
2	O-Ring	005-7-7
1	3mm Long Handle Hex Key	005-9-18606

### 005-10038MX-12

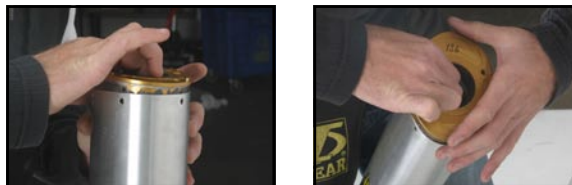
Qty.	Description	Part Number
1	426g Packing Material Net RaceTEX 12" M-7	005-2-P12
12	5x10mm Screws	005-SH510B
12	5mm Belville Washer	005-BWS-5
1	Silicone Gasket Maker	031-P22072
2	O-Ring	005-7-7
1	3mm Long Handle Hex Key	005-9-18606

### 005-10038MX-17

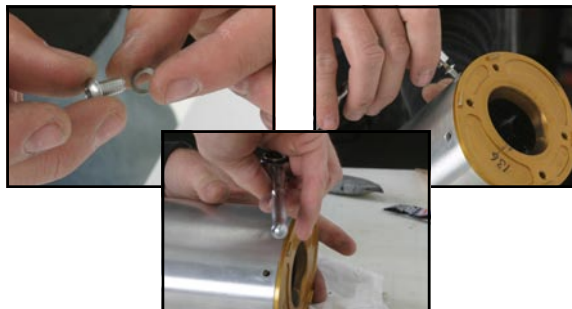
Qty.	Description	Part Number
1	700g Packing Material Net RaceTEX 17.5" M-7	005-2-P17-1
12	5x10mm Screws	005-SH510B
12	5mm Belville Washer	005-BWS-5
1	Silicone Gasket Maker	031-P22072
2	O-Ring	005-7-7
1	3mm Long Handle Hex Key	005-9-18606

## Installation Instructions Continued

10. Make sure the core goes into the core retainer on the outlet and inlet as you slide them together.



11. Install the 6 bolts to secure the outer sleeve with the inlet making sure the locking washers are used.



12. Torque the retaining bolts to 72in. lbs.

13. Re-install muffler to the motorcycle.

14. 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 1 to 2 hours of riding recheck all fasteners for tightness.

## Care & Cleaning

### Care & Cleaning

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.

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**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.