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VARIABLE AXIS LOCKING EX

2008-09 Triumph **STREET TRIPLE**

V.A.L.E.™ Dual Slip-on Exhaust System with M-2 Canisters Part # 005-2480406DV, 005-2480407DV, 005-2480408DV



Parts List

| Qty. | Description | Part Number |
|------|-------------------------------------|-------------|
| 2 | Muffler Canister | Varies |
| 2 | Muffler Clamp | Varies |
| 1 | Slip-on Tube left | 005-24804L |
| 1 | Slip-on Tube right | 005-24804R |
| 1 | HARDWARE KIT | 005-248-3 |
| 2 | X-Ring | 005-7-2-2 |
| 8 | 6x14mm Socket Head Cap Screw | 005-SH614 |
| 8 | 6mm Split Lock Washer | 005-WL6 |
| 1 | Mounting Bracket left | 005-248HB-L |
| 1 | Mounting Bracket right | 005-248HB-R |
| 2 | 8x20mm Flange Bolt | 005-FB816 |
| 2 | 8mm Flange Nut | 005-FN8 |
| 1 | T20Torx Screw Hex Key | 005-9-15820 |
| 1 | 5mm Long Handle Ball End Hex Wrench | 005-9-18610 |
| 1 | TBR Sticker Kit | 015-10212 |
| | | |

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. 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.

Installation Instructions

- 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.
- 2. Remove seat.
- 3. Remove left and right rear tail section.



- 4. Remove left and right mufflers.
- 5. Install left and right hanger brackets.



- Install TBR slip-on tubes to mufflers by loosely attaching the X-Ring to the mufflers using the 6x14mm socket head cap screws and lock washers provided. Leave loose for now.
- Attach mufflers to motorcycle using the rubber lines muffler clamps and flange bolts provided. Leave loose for now.



8. Play with rotation of slip-on tube to align mufflers and tighten muffler clamps, X-Ring bolts and OEM joint clamps at header assembly.



- Make sure you have adequate clearance of all parts and exhaust is coming out above turn signals.
- 10. Re-install removed parts.
- 11. Double check all your work.
- 12. 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. Also, remove any plastic film from the name badge(s) and or canister clamp(s). 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.



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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.



005-2480406DV



| Qty. | Description | Part Number |
|------|-------------------------------------|--------------|
| 1 | Muffler Canister Left | 005-248-206L |
| 1 | Muffler Canister Right | 005-248-206R |
| 2 | Muffler Clamp | 005-2C |
| 1 | Slip-on Tube left | 005-24804L |
| 1 | Slip-on Tube right | 005-24804R |
| 1 | HARDWARE KIT | 005-248-3 |
| 2 | X-Ring | 005-7-2-2 |
| 8 | 6x14mm Socket Head Cap Screw | 005-SH614 |
| 8 | 6mm Split Lock Washer | 005-WL6 |
| 1 | Mounting Bracket left | 005-248HB-L |
| 1 | Mounting Bracket right | 005-248HB-R |
| 2 | 8x20mm Flange Bolt | 005-FB816 |
| 2 | 8mm Flange Nut | 005-FN8 |
| 1 | T20Torx Screw Hex Key | 005-9-15820 |
| 1 | 5mm Long Handle Ball End Hex Wrench | 005-9-18610 |
| 1 | TBR Sticker Kit | 015-10212 |



005-2480407DV

| Qty. | Description | Part Number |
|------|-------------------------------------|--------------|
| 1 | Muffler Canister Left | 005-248-207L |
| 1 | Muffler Canister Right | 005-248-207R |
| 2 | Muffler Clamp | 005-2C1 |
| 1 | Slip-on Tube left | 005-24804L |
| 1 | Slip-on Tube right | 005-24804R |
| 1 | HARDWARE KIT | 005-248-3 |
| 2 | X-Ring | 005-7-2-2 |
| 8 | 6x14mm Socket Head Cap Screw | 005-SH614 |
| 8 | 6mm Split Lock Washer | 005-WL6 |
| 1 | Mounting Bracket left | 005-248HB-L |
| 1 | Mounting Bracket right | 005-248HB-R |
| 2 | 8x20mm Flange Bolt | 005-FB816 |
| 2 | 8mm Flange Nut | 005-FN8 |
| 1 | T20Torx Screw Hex Key | 005-9-15820 |
| 1 | 5mm Long Handle Ball End Hex Wrench | 005-9-18610 |
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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.

Repack all road canisters at the first signs of packing material deterioration. Part #005-10038 Repack all offroad canisters after every 10 hours of use. Part #005-10038MX

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.

005-2480408DV



| Qty. | Description | Part Number |
|------|-------------------------------------|--------------|
| 1 | Muffler Canister Left | 005-248-208L |
| 1 | Muffler Canister Right | 005-248-208R |
| 2 | Muffler Clamp | 005-2C2 |
| 1 | Slip-on Tube left | 005-24804L |
| 1 | Slip-on Tube right | 005-24804R |
| 1 | HARDWARE KIT | 005-248-3 |
| 2 | X-Ring | 005-7-2-2 |
| 8 | 6x14mm Socket Head Cap Screw | 005-SH614 |
| 8 | 6mm Split Lock Washer | 005-WL6 |
| 1 | Mounting Bracket left | 005-248HB-L |
| 1 | Mounting Bracket right | 005-248HB-R |
| 2 | 8x20mm Flange Bolt | 005-FB816 |
| 2 | 8mm Flange Nut | 005-FN8 |
| 1 | T20Torx Screw Hex Key | 005-9-15820 |
| 1 | 5mm Long Handle Ball End Hex Wrench | 005-9-18610 |
| 1 | TBR Sticker Kit | 015-10212 |