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2005-07 BMW R1200GS

Slip-On Exhaust System

Part # 005-1270406V / 005-1270407V / 005-1270408V / 005-1270419V / 005-1270420V



Parts List

| Qty. | Description | Part Number |
|------|---|--------------|
| 1 | Muffler Canister | Varies |
| 1 | Muffler Canister Clamp | Varies |
| 1 | Stainless Steel S-bend Tube & V.A.L.E. Assembly | 005-12704S |
| 1 | HARDWARE KIT | 005-128-3 |
| 2 | X-Ring (half) | 005-7-2-3 |
| 1 | 66mm Barrel Clamp | 005-27-66MSH |
| 4 | 6 x 14mm Socket Head Cap Screws | 005-SH614 |
| 4 | Split Lock Washer | 005-WL6 |
| 1 | 18mm Spacer | 005-S-18 |
| 1 | Permatex Ultra Black Gasket Maker | 031-P22072 |
| 1 | 5mm Long Handle Ball End Hex Key | 005-9-18610 |
| 1 | TBR Sticker Kit | 015-10212 |

IMPORTANT - PLEASE READ CAREFULLY

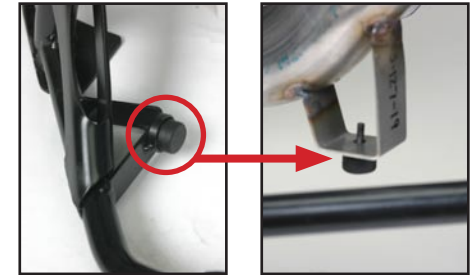
We recommend that this performance part be installed by a qualified motorcycle technician. If you have any doubts as to your ability to install this performance part, please consult with your local motorcycle dealer. Read all instructions first before starting installation. Make sure the motorcycle and 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.

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.
2. Remove stock muffler. Keep OEM barrel clamp and muffler mounting bolt for later re-use.
3. Use the supplied 6 x 14mm cap screws and 6mm split lock washers to loosely attach the S-Bend tube with V.A.L.E.™ assembly to the muffler canister. Leave screws loose for later adjustment.
6. Relocate the sidestand-stop rubber bumper from the centerstand to the mounting tab on the S-bend tube.



4. Apply a thin bead of gasket maker to the inside of the S-bend tube where it will meet the supplied headpipe. Attach muffler assembly to headpipe using supplied barrel clamp and leave loose. Insert the 16mm spacer between the supplied muffler clamp and mounting hanger and loosely secure with OEM muffler mounting bolt.



5. Securely tighten barrel clamp. Rotate muffler to visually align with motorcycle and securely tighten 6 x 14mm cap screws and muffler mounting bolt.



7. Double check to make sure that all hardware is tightened. Carefully double check your work to insure that all hardware is securely fastened and all wiring is away from contact with exhaust canisters and tubing.
8. 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 protective plastic from the name badges on the muffler canister(s) or the muffler 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. After 50 to 100 miles, recheck all fasteners for tightness.

Care & Cleaning

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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V.A.L.E.
VARIABLE AXIS LOCKING EXHAUST

2005-07 BMW R1200GS

Slip-On Exhaust System

Part # 005-1270406V / 005-1270407V / 005-1270408V /
005-1270419V / 005-1270420V



005-1270406V



| Qty. | Description | Part Number |
|------|--|--------------|
| 1 | BMW R1200GS Aluminum M-2 Muffler Canister | 005-206ML |
| 1 | Muffler Canister Clamp | 005-2C |
| 1 | Stainless Steel S-bend Tube & V.A.L.E.™ Assembly | 005-12704S |
| 1 | HARDWARE KIT | 005-128-3 |
| 2 | X-Ring (half) | 005-7-2-3 |
| 1 | 66mm Barrel Clamp | 005-27-66MSH |
| 4 | 6 x 14mm Socket Head Cap Screws | 005-SH614 |
| 4 | Split Lock Washer | 005-WL6 |
| 1 | 18mm Spacer | 005-S-18 |
| 1 | Permatex Ultra Black Gasket Maker | 031-P22072 |
| 1 | 5mm Long Handle Ball End Hex Key | 005-9-18610 |
| 1 | TBR Sticker Kit | 015-10212 |

005-1270419V



| Qty. | Description | Part Number |
|------|--|--------------|
| 1 | BMW R1200GS Carbon Fiber M-5 Muffler Canister | 005-807VL |
| 1 | Muffler Canister Clamp | 005-5C |
| 1 | Stainless Steel S-bend Tube & V.A.L.E.™ Assembly | 005-12704S |
| 1 | HARDWARE KIT | 005-128-3 |
| 2 | X-Ring (half) | 005-7-2-3 |
| 1 | 66mm Barrel Clamp | 005-27-66MSH |
| 4 | 6 x 14mm Socket Head Cap Screws | 005-SH614 |
| 4 | Split Lock Washer | 005-WL6 |
| 1 | 18mm Spacer | 005-S-18 |
| 1 | Permatex Ultra Black Gasket Maker | 031-P22072 |
| 1 | 5mm Long Handle Ball End Hex Key | 005-9-18610 |
| 1 | TBR Sticker Kit | 015-10212 |

005-1270407V



| Qty. | Description | Part Number |
|------|--|--------------|
| 1 | BMW R1200GS Carbon Fiber M-2 Muffler Canister | 005-207ML |
| 1 | Muffler Canister Clamp | 005-2C1 |
| 1 | Stainless Steel S-bend Tube & V.A.L.E.™ Assembly | 005-12704S |
| 1 | HARDWARE KIT | 005-128-3 |
| 2 | X-Ring (half) | 005-7-2-3 |
| 1 | 66mm Barrel Clamp | 005-27-66MSH |
| 4 | 6 x 14mm Socket Head Cap Screws | 005-SH614 |
| 4 | Split Lock Washer | 005-WL6 |
| 1 | 18mm Spacer | 005-S-18 |
| 1 | Permatex Ultra Black Gasket Maker | 031-P22072 |
| 1 | 5mm Long Handle Ball End Hex Key | 005-9-18610 |
| 1 | TBR Sticker Kit | 015-10212 |

005-1270420V



| Qty. | Description | Part Number |
|------|--|--------------|
| 1 | BMW R1200GS Titanium M-5 Muffler Canister | 005-808VL |
| 1 | Muffler Canister Clamp | 005-5C1 |
| 1 | Stainless Steel S-bend Tube & V.A.L.E.™ Assembly | 005-12704S |
| 1 | HARDWARE KIT | 005-128-3 |
| 2 | X-Ring (half) | 005-7-2-3 |
| 1 | 66mm Barrel Clamp | 005-27-66MSH |
| 4 | 6 x 14mm Socket Head Cap Screws | 005-SH614 |
| 4 | Split Lock Washer | 005-WL6 |
| 1 | 18mm Spacer | 005-S-18 |
| 1 | Permatex Ultra Black Gasket Maker | 031-P22072 |
| 1 | 5mm Long Handle Ball End Hex Key | 005-9-18610 |
| 1 | TBR Sticker Kit | 015-10212 |

005-1270408V



| Qty. | Description | Part Number |
|------|--|--------------|
| 1 | BMW R1200GS Titanium M-2 Muffler Canister | 005-208ML |
| 1 | Titanium Muffler Canister Clamp | 005-2C2 |
| 1 | Stainless Steel S-bend Tube & V.A.L.E.™ Assembly | 005-12704S |
| 1 | HARDWARE KIT | 005-128-3 |
| 2 | X-Ring (half) | 005-7-2-3 |
| 1 | 66mm Barrel Clamp | 005-27-66MSH |
| 4 | 6 x 14mm Socket Head Cap Screws | 005-SH614 |
| 4 | Split Lock Washer | 005-WL6 |
| 1 | 18mm Spacer | 005-S-18 |
| 1 | Permatex Ultra Black Gasket Maker | 031-P22072 |
| 1 | 5mm Long Handle Ball End Hex Key | 005-9-18610 |
| 1 | TBR Sticker Kit | 015-10212 |