



401 South Grand Ave., Santa Ana, CA 92705  
Tel: 714.550.6070 Fax: 714.550.9661 www.twobros.com

## Suzuki HAYABUSA

V.A.L.E.™ Slip-on Exhaust System with Dual M-2 Canisters  
Part # 005-193040xDM-B



### Parts List

Qty.	Description	Part Number
1	Muffler Canister (Left Side)	Varies
1	Muffler Canister (Right Side)	Varies
1	Slip tube (Left)	005-19304SL
1	Slip Tube (Right)	005-19304SR
2	Muffler Canister Clamps	Varies
2	X-Ring Kit	005-7-2-3KIT
1	8x40 Socket Head Cap Screw	005-SH840
1	8x50 Socket Head Cap Screw	005-SH850
1	11mm Aluminum Spacer	005-S-11
2	Barrel Clamps	005-27-58MSH
1	TBR Sticker Kit	015-10212

### IMPORTANT - PLEASE READ CAREFULLY

*Two Brothers Racing products are intended for closed course competition purposes only.*

*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

1. Make sure the bike is completely cool before starting the installation. Make sure the bike is secure on a rearstand or ideally a service lift.
2. Remove the stock canisters at each of the passenger footpeg brackets and where they bolt to the end of each exhaust pipes.
3. Attach the V.A.L.E. X-Rings over the slip-on tubes and loosely attach to the TBR muffler canisters, using the 6x20mm screws and the supplied split lock washers. The LEFT and RIGHT slip tubes are not interchangeable and are identified by their individual stamps: 193-L for the LEFT and 193-R for the right side tube.
6. Carefully slide the canister clamps over each of the canisters. Make sure the TBR muffler canister sits straight. (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).



4. Slide a supplied barrel clamp on to each slip tube.

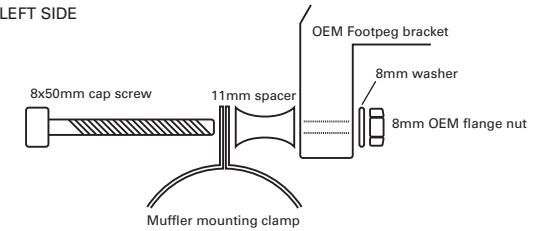


5. Insert the slip tube of each V.A.L.E.™ muffler assembly into OEM head pipe.

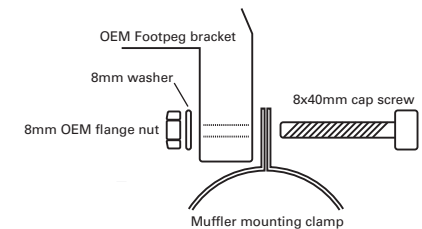


7. Using the 8x50mm socket head cap screw, 11mm spacer, OEM nut attach the left side canister to the left side passenger footpeg mount. Using the 8x40mm socket head cap screw, OEM nut attach the right side canister to the right side passenger footpeg mount. Do not fully tighten.

LEFT SIDE



RIGHT SIDE



8. Making sure that the muffler canisters are properly aligned, fully tighten the 8 (eight) 6x14mm socket head screws of the VALE assembly. For the best fit, tighten the cap screws in an "X" pattern.





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Part # 005-19304xDM-B



### Parts List

Qty.	Description	Part Number
1	Muffler Canister (Left Side)	Varies
1	Muffler Canister (Right Side)	Varies
1	Slip tube (Left)	005-19304SL
1	Slip Tube (Right)	005-19304SR
2	Muffler Canister Clamps	Varies
2	X-Ring Kit	005-7-2-3KIT
1	8x40 Socket Head Cap Screw	005-SH840
1	8x50 Socket Head Cap Screw	005-SH850
1	11mm Aluminum Spacer	005-S-11
2	Barrel Clamps	005-27-58MSH
1	TBR Sticker Kit	015-10212

### Installation Instructions

9. Securely tighten the barrel clamps securing the slip tube to the OEM header.



10. Securely tighten the 8x40mm and 8x50mm cap screws.



11. 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.



### 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.