



2002-07 Suzuki HAYABUSA

V.A.L.E.™ Slip-on Exhaust System with Dual Canisters

Part # 005-910406V / 005-910407V / 005-910408V / 005-910419V / 005-910420V



Parts List

Qty.	Description	Part Number
1	Muffler Canister (Left Side)	Varies
1	Muffler Canister (Right Side)	Varies
1	Slip tube (Left)	005-9104SL
1	Slip Tube (Right)	005-9104SR
1	HARDWARE KIT	005-91-3
1	8x45 Socket Head Cap Screw	005-SH845
1	8x60 Socket Head Cap Screw	005-SH860
2	8mm Flat Washer	005-WF8
2	8mm Flange Nut	005-FN8
2	X-Ring Kit	005-7-2-3KIT
1	18mm Aluminum Spacer	005-S-18
2	Muffler Canister Clamps	Varies
2	Barrel Clamps	005-27-63MSH
1	Permatex Ultra Black Gasket Maker	031-P22072
1	Sticker Kit	005-10212

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

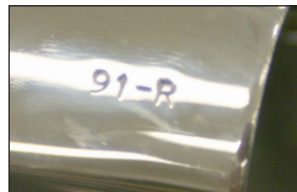
1. Make sure the bike is completely cool before starting the installation. Make sure the bike is secure on a centerstand or ideally a service lift.
2. Remove the stock canisters at each of the passenger footpeg brackets and where they bolt to the end of each exhaust pipes.
3. Slide a supplied X-Lite V.A.L.E.™ retaining ring onto each of the supplied slip tubes. Use the 6x14mm Socket Head Cap Screws and 6mm split lock washer to loosely join the slip-tube to the muffler canister. Do not fully tighten yet.



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



5. The LEFT and RIGHT slip tubes are not interchangeable and are identified by their individual stamps: 91-L for the LEFT and 91-R for the right side tube.



6. Apply a bead of supplied high temp sealant to inside of each supplied slip tube.



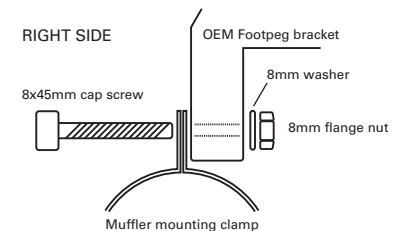
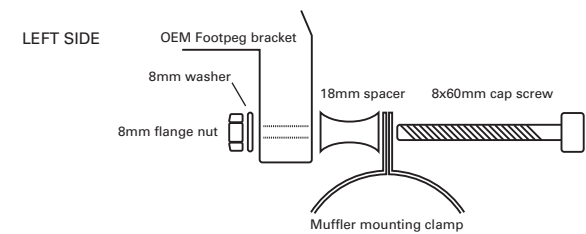
7. Insert the slip tube of each V.A.L.E.™ muffler assembly into OEM head pipe.



8. 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).



9. Using the 8x60mm socket head cap screw, 18mm spacer, 8mm washer and 8mm flange nut attach the left side canister to the left side passenger footpeg mount. Using the 8x45mm socket head cap screw, 8mm washer and 8mm flange nut attach the right side canister to the right side passenger footpeg mount. Do not fully tighten.





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Care & Cleaning / Warranty

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.

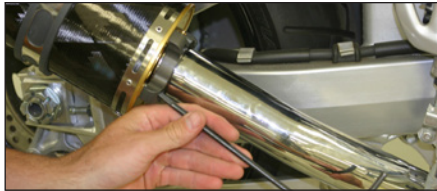
Stainless Header System: Polished stainless steel pipes will turn a light golden hue after a few heat cycles, this is a normal characteristic of high quality stainless steel.

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.

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.

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



13. 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.

11. Securely tighten the barrel clamps securing the slip



tube to the OEM header.



12. Securely tighten the 8x45mm and 8x60mm cap screws.



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