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## 2009-13 Yamaha R1

V.A.L.E.™ Slip-On Exhaust System with Dual M-2 Exhaust Canisters  
Part # 005-2380406V / 005-2380407V / 005-2380408V



### Parts List

Qty.	Description	Part Number
1	M-2 Muffler Canister (Left Side)	Varies
1	M-2 Muffler Canister (Right Side)	Varies
1	Slip-On Tube Assembly (Left Side)	005-23801SL
1	Slip-On Tube Assembly (Right Side)	005-23801SR
1	HARDWARE KIT	005-238-3
4	X-Ring (half)	005-7-2-3
2	R1 Heat Shield Plug	005-238-8
2	Barrel Clamp	005-27-61MSH
8	6x14mm Socket Head Cap Screw	005-SH614
8	6mm Split Washer	005-WL6
2	Hose Clamp	005-27-10024
1	Permatex Ultra Black Gasket Maker	031-P22072
1	5mm Long Handle Ball End Hex Key	005-9-18610
1	T20 Torx Screw Hex Key	005-9-15820
1	TBR Sticker Kit	015-10212

### IMPORTANT - PLEASE READ CAREFULLY

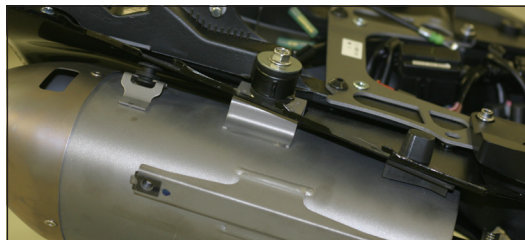
*We recommend that this performance part be installed by a qualified motorcycle technician. If you have any doubts as to your ability to install this performance part, please consult with your local motorcycle dealer. Read all instructions first before starting installation. Make sure the motorcycle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

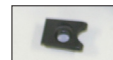
1. Make sure the bike is completely cool before starting the installation. Make sure the bike is secure on a centerstand or ideally a service lift.
2. Remove main seat assembly by removing the two allen head bolts at the rear of the seat.
3. Remove passenger seat assembly.
4. Remove mid-pipe heat shield covers.



5. Remove rear cowling by sliding rearward with bolts removed.



6. Remove joint clamps and muffler mounting bolts to remove OEM muffler assembly.
7. Remove OEM heat shield from each OEM muffler assembly.
8. Remove clip nut from OEM muffler.



9. Attach TBR left and right slip tubes to TBR mufflers using the 2 piece X-Rings and 6x14mm socket head cap screws with lock washer that are provided. Leave loose enough to make some adjustments on the motorcycle.

10. Attach the OEM heat shield to the TBR slip tube using the OEM clip nut and provided hose clamp.



11. Install TBR mufflers to motorcycle using the supplied barrel clamp at the joint connection with a small amount of high temp silicone on the inside of TBR slip tube. Use OEM muffler mounting bolt.
12. Check alignment at rear of motorcycle and if adjustment is correct tighten the X-Ring 6x14mm socket head cap screws and barrel clamps to secure in position.
13. Re-install rear cowling and secure in place with OEM hardware.
14. Re-install seats.
15. Re-install heat shield covers with OEM hardware.
16. Insert supplied TBR plugs in the rubber lined holes on OEM heat shield cover.



17. Double check your work to ensure everything is tight and properly installed.
18. 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 50 to 100 miles, recheck all fasteners for tightness.



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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.

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

### 005-2380406V



Qty.	Description	Part Number
1	M-2 Muffler Canister (Left) Aluminum	005-238-206L
1	M-2 Muffler Canister (Right) Aluminum	005-238-206R
1	Slip-On Tube Assembly (Left Side)	005-23801SL
1	Slip-On Tube Assembly (Right Side)	005-23801SR
1	HARDWARE KIT	005-238-3
4	X-Ring (half)	005-7-2-3
2	R1 Heat Shield Plug	005-238-8
2	Barrel Clamp	005-27-61MSH
8	6x14mm Socket Head Cap Screw	005-SH614
8	6mm Split Washer	005-WL6
2	Hose Clamp	005-27-10024
1	Permatex Ultra Black Gasket Maker	031-P22072
1	5mm Long Handle Ball End Hex Key	005-9-18610
1	T20 Torx Screw Hex Key	005-9-15820
1	TBR Sticker Kit	015-10212

### 005-2380407V



Qty.	Description	Part Number
1	M-2 Muffler Canister (Left) Carbon Fiber	005-238-207L
1	M-2 Muffler Canister (Right) Carbon Fiber	005-238-207R
1	Slip-On Tube Assembly (Left Side)	005-23801SL
1	Slip-On Tube Assembly (Right Side)	005-23801SR
1	HARDWARE KIT	005-238-3
4	X-Ring (half)	005-7-2-3
2	R1 Heat Shield Plug	005-238-8
2	Barrel Clamp	005-27-61MSH
8	6x14mm Socket Head Cap Screw	005-SH614
8	6mm Split Washer	005-WL6
2	Hose Clamp	005-27-10024
1	Permatex Ultra Black Gasket Maker	031-P22072
1	5mm Long Handle Ball End Hex Key	005-9-18610
1	T20 Torx Screw Hex Key	005-9-15820
1	TBR Sticker Kit	015-10212

### 005-2380408V



Qty.	Description	Part Number
1	M-2 Muffler Canister (Left) Titanium	005-238-208L
1	M-2 Muffler Canister (Right) Titanium	005-238-208R
1	Slip-On Tube Assembly (Left Side)	005-23801SL
1	Slip-On Tube Assembly (Right Side)	005-23801SR
1	HARDWARE KIT	005-238-3
4	X-Ring (half)	005-7-2-3
2	R1 Heat Shield Plug	005-238-8
2	Barrel Clamp	005-27-61MSH
8	6x14mm Socket Head Cap Screw	005-SH614
8	6mm Split Washer	005-WL6
2	Hose Clamp	005-27-10024
1	Permatex Ultra Black Gasket Maker	031-P22072
1	5mm Long Handle Ball End Hex Key	005-9-18610
1	T20 Torx Screw Hex Key	005-9-15820
1	TBR Sticker Kit	015-10212