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## 2007 Yamaha R1

V.A.L.E.™ Slip-On Exhaust System with Dual M-2 Exhaust Canisters  
Part # 005-1740406V / 005-1740407V / 005-1740408V



### Parts List



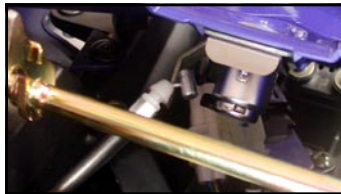
Qty.	Description	Part Number
1	M-2 Muffler Canister (Left Side)	Varies
1	M-2 Muffler Canister (Right Side)	Varies
1	Slip-On Tube Assembly (Left Side)	005-17401SL
1	Slip-On Tube Assembly (Right Side)	005-17401SR
2	Muffler Canister Clamp	Varies
1	HARDWARE KIT	005-174-3
2	X-Lite™ V.A.L.E.™ Retaining Ring	005-7-2-2
2	8mm Spacer	005-S-8
2	Barrel Clamp	005-27-61MSH
2	8x50mm Socket Head Screw	005-SH850
8	6x14mm Socket Head Cap Screw	005-SH614
8	6mm Split Washer	005-WL6
1	Permatex Ultra Black Gasket Maker	031-P22072
1	5mm Long Handle Ball End Hex Key	005-9-18610
2	TBR Script Logo Yellow Decal 4"	015-10208-A

### 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 seats (driver and passenger).
3. Detach passenger seat release cable from lock.



4. Remove tail fairing.
5. Remove right side slip-tube cover.



6. Remove muffler bracket covers (left and right).



7. Remove muffler mounting hardware (left and right mufflers).



8. Loosen s-bend clamps (left and right mufflers).



9. Remove mufflers (left and right) with a twisting motion.
10. Use the 6x14mm S.H.C.S. and split lock washers to loosely attach the s-bends to the mufflers (left and right).

11. Apply high-temp sealant to mid-pipe and slip the mid-pipe into the OEM header. Making sure the barrel clamps provided are on the slip tubes.
12. Install the TBR mufflers with the t-bolt and muffler clamps. Use the supplied 8x50 bolts and 8mm spacers to attach the muffler clamps. The V.A.L.E.™ inlets should be loose to allow for alignment. You may wish to loosen and rotate the passenger footpegs out of the way for added clearance.



13. Tighten mufflers in the following order: One alignment is good. The slip tubes line-up where the paint mark is on the stock header.

1. Muffler clamps (left and right).
2. V.A.L.E.™ inlets (left and right), torque to 7 ft. lbs.
3. T-Bolt clamps (left and right)

A long 5mm ball-end allen wrench will help with accessing the bolts on the V.A.L.E.™ inlet. Check for proper clearances and alignment and adjust mufflers accordingly.



14. Reinstall muffler bracket covers (left and right).

15. Reinstall tail fairing and right side pipe cover.

16. Reinstall passenger seat release cable to lock.

17. Reinstall seats (driver and passenger).

18. Double check your work to ensure everything is tight and properly installed.



19. 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

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.

#### 005-1740406V



Qty.	Description	Part Number
1	M-2 Muffer Canister (Left) Aluminum	005-174-206L
1	M-2 Muffer Canister (Right) Aluminum	005-174-206R
1	Slip-On Tube Assembly (Left Side)	005-17401SL
1	Slip-On Tube Assembly (Right Side)	005-17401SR
2	Muffer Canister Clamp	005-2C-113
1	HARDWARE KIT	005-174-3
2	X-Lite™ V.A.L.E.™ Retaining Ring	005-7-2-2
2	Barrel Clamp for Aluminum	005-27-61MSH
2	8x50mm Socket Head Cap Screw	005-SH850
2	8mm Spacer	005-S-8
8	6x14mm Socket Head Cap Screw	005-SH614
8	6mm Split Lock Washer	005-WL6
1	Permatex Ultra Black Gasket Maker	031-P22702
1	5mm Long Handle Ball End Hex Key	005-9-18610
2	TBR Script Logo Yellow Decal 4"	015-10208-A

#### 005-1740407V



Qty.	Description	Part Number
1	M-2 Muffer Canister (Left) Carbon Fiber	005-174-207L
1	M-2 Muffer Canister (Right) Carbon Fiber	005-174-207R
1	Slip-On Tube Assembly (Left Side)	005-17401SL
1	Slip-On Tube Assembly (Right Side)	005-17401SR
2	Muffer Canister Clamp	005-2C1-113
1	HARDWARE KIT	005-174-3
2	X-Lite™ V.A.L.E.™ Retaining Ring	005-7-2-2
2	Barrel Clamp for Aluminum	005-27-61MSH
2	8x50mm Socket Head Cap Screw	005-SH850
2	8mm Spacer	005-S-8
8	6x14mm Socket Head Cap Screw	005-SH614
8	6mm Split Lock Washer	005-WL6
1	Permatex Ultra Black Gasket Maker	031-P22702
1	5mm Long Handle Ball End Hex Key	005-9-18610
2	TBR Script Logo Yellow Decal 4"	015-10208-A

#### 005-1740408V



Qty.	Description	Part Number
1	M-2 Muffer Canister (Left) Titanium	005-174-208L
1	M-2 Muffer Canister (Right) Titanium	005-174-208R
1	Slip-On Tube Assembly (Left Side)	005-17401SL
1	Slip-On Tube Assembly (Right Side)	005-17401SR
2	Muffer Canister Clamp	005-2C2-113
1	HARDWARE KIT	005-174-3
2	X-Lite™ V.A.L.E.™ Retaining Ring	005-7-2-2
2	Barrel Clamp for Aluminum	005-27-61MSH
2	8x50mm Socket Head Cap Screw	005-SH850
2	8mm Spacer	005-S-8
8	6x14mm Socket Head Cap Screw	005-SH614
8	6mm Split Lock Washer	005-WL6
1	Permatex Ultra Black Gasket Maker	031-P22702
1	5mm Long Handle Ball End Hex Key	005-9-18610
2	TBR Script Logo Yellow Decal 4"	015-10208-A