



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

BMW S1000RR

Full Exhaust System

Part# 005-2810106V-B / 005-2810107V-B / 005-2810108V-B



Parts List

Qty.	Description	Part Number
1	Muffler Canister	Varies
1	Header Kit	005-28101HK
1	Slip Tube	005-28101S
1	Canister Clamp	Varies
1	HARDWARE KIT	005-281-3C
4	6x20mm Socket Head Cap Screws	005-SH620
4	6mm Lock Washers	005-WL6
2	X-Ring (half)	005-7-2-3
2	8mm Flange Nut	005-FN8
1	8x45mm Flat Head Socket Cap Screw	005-SHF845B
1	66mm Barrel Clamp	005-27-66MSH
1	Decorative Countersunk Washer	005-WA8-B
1	8x25mm Hex Bolt	005-HB825
1	Mounting Bracket	005-281-B2
1	22mm Black AL Spacer	005-S-22A
1	5mm Long Handle Ball End Hex Key	005-9-18610
1	T20 Torx 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.

****This product has not been tested with all available accessories and some items may cause excessive heat. Excessive heat may cause damage to your vehicle. Two Brothers Racing will not be responsible for damaged parts.**

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 stand or ideally a service lift.

2. Remove seat.



3. Remove left and right upper and lower fairings.



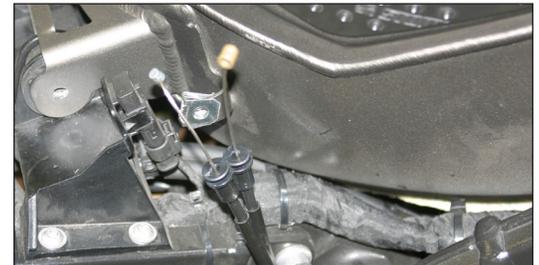
4. Carefully remove crossover servo cable. Do not turn servo wheel (damage may occur if you do). Keep servo plugged in. This servo is located on left side of motorcycle at the lower front of fuel tank.



5. Remove/lift fuel tank to access second servo, located under rear of fuel tank.



6. Remove both cables from servo carefully. Do not turn servo, the servo must stay plugged in and on motorcycle.



7. Remove muffer mounting bolt and inside spacer, these will not be re-used.



8. Loosen joint clamp and remove muffer assembly.

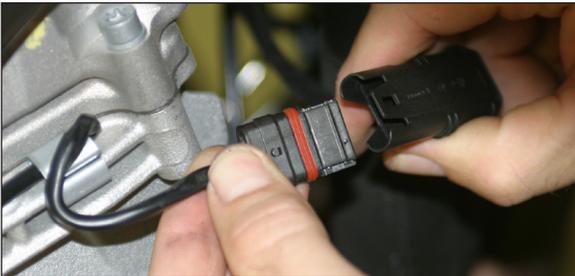


9. Remove cables from motorcycle being careful not to damage or scratch the bike.

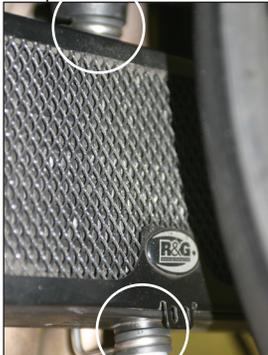


Installation Instructions

10. Un-plug both left and right O2 sensors.



11. Remove radiator clips from both radiator and oil cooler.



12. Remove both rear mounting exhaust bolts from rear of header pipe.



13. Remove oil cooler support.



14. Remove radiator top bolt and dislodge radiator to allow for better access to headers.



15. Remove header bolts and then remove header assembly.



16. Install left and right O2 sensors on header prior to install.



17. Install header assembly making sure to re-use the OEM gasket between header and cylinder head.



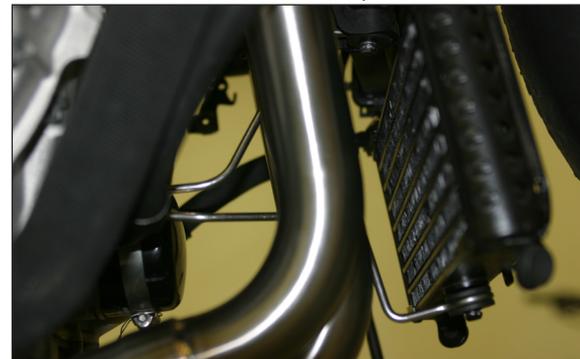
18. Tighten all header bolts.



19. Plug-in O2 sensors and route cables away from headers through stock retaining clips.



20. Re-install oil cooler brace and secure in place with OEM hardware. Re-install radiator and clips.



21. Remove right side passenger foot peg.



Installation Instructions

22. Install supplied TBR hex-head bolt.



23. Install supplied muffler mounting bracket to newly installed bolt and secure in place with 8mm flange nut.



24. Attach TBR muffler to supplied slip-on tube using the provided four 6x20mm socket head cap screws, washers and thread-lock.



25. Install TBR muffler assembly to bike, use supplied barrel clamp at joint and rubber lined muffler clamp



26. Loosely attach to bracket using the supplied bolt with decorated washer and spacer using the supplied 8mm flange



nut.



27. Align muffler and securely tighten the x-ring bolts in a cross pattern.

28. Tighten the barrel clamp at mid-pipe joint, then muffler clamp.



29. Re-install bodywork and check to be sure there is clearance between exhaust tubing and all bodywork.

30. 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.



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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.