



Absolute Top Level®

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



Yamaha
R3

Full Exhaust System with S1R Exhaust Canister
Part # 005-4160105-S1



Installation Instructions

1. Make sure the bike is completely cool before starting the installation. Make sure the bike is secure on the side stand or ideally a service lift.
2. Remove mid-fairing section from right side.



3. Remove OEM muffler assembly. Muffler mounting bolt will be re-used with TBR muffler.



4. Remove O2 sensor from OEM header assembly.
5. Remove OEM header mounts bolts and remove OEM header assembly. Remove OEM muffler mount grommets from can.



6. Install TBR header assembly using OEM header flange bolts and OEM exhaust port gaskets.
7. Install TBR muffler to TBR slip tube using the springs provided.



8. Loosely install TBR supplied barrel clamp to slip tube joint of slip tube and mid section pipe.



9. Install mid section pipe to header. Install TBR muffler assembly to TBR mid section pipe and attach to OEM muffler mounting points using the OEM bolt and supplied rubber lined muffler clamp. Mount on outside of muffler mounting bracket.



10. Re-install O2 sensor.



11. Tighten barrel clamps and mounting hardware.



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 center stand or ideally a service lift during installation. Be sure to save all stock components for possible use later.



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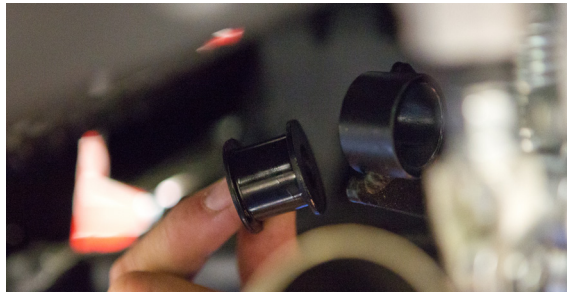


Parts List

Qty.	Description	Part Number
1	S1R Muffler	8" Carbon Fiber
1	R3 Header	005-41601H
1	R3 Header Mid-Section	005-41601H-2
1	R3 Header Slip-On	005-41601S
1	S1R Muffler Clamp	005-2C-S1
1	S1R Muffler Clamp Liner	005-2C-S1-A
1	Barrel Clamp 58mm	005-27-58MSH
1	Barrel Clamp 59mm	005-27-59MSH
1	O2 Sensor Kit	005-92-22KIT
2	45mm Springs	005-S45
1	Permatex Anti-Seize	031-P09175
1	TBR Sticker Kit	015-10212

Installation Instructions

- Re-install mid section right side fairings.
- Double check your work. Remove rubber grommets and rubber sleeve that are not used.



- 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.

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.

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.

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