



## 2014-16 YAMAHA BOLT

2-1 Full System Part # 005-3690199



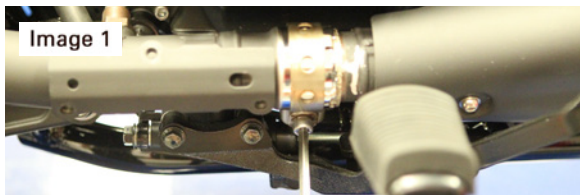
### BILL OF MATERIALS

1	Muffler Canister	005-369-M
1	Header	005-36901H
2	Header Flange	005-369-15
1	Heat Shield	005-369-HS
2	45mm Hook Spring	005-S45
2	Flange Bolt 5/16"-18x3/4"	005-FB51634
1	Flange Bolt M10-1.25x25	005-FB1025B
2	Clip Nut 5/16"	005-10-516CN
1	Spring Puller	005-SP
1	Bracket	005-369-B2

### INSTALLATION INSTRUCTIONS

1. Loosen muffler barrel clamp. **Note:** Make sure the motorcycle is completely cool before starting the installation. Make sure the bike is secure on the side stand or ideally on a service lift. Heat shields and muffler are removed in these photos for clarity. Mounting bracket and muffler can be removed as an assembly. **(Reference image 1)**

2. Remove O2 sensor. **(Reference image 2)**



3. Remove OEM muffler bracket and bolts. **(Reference image 3)**

4. Remove OEM muffler assembly. **(Reference image 4)**



5. Remove OEM heat shields and hardware. Keep for use with TBR system. **(Reference image 5)**

6. Remove OEM Headers. Keep hardware and gasket to use with TBR system. **(Reference image 6)**



7. Slide TBR flanges over head tube and loosely install headers using OEM hardware and gaskets. **(Reference image 7)**

8. Install TBR mounting bracket using one 10x60mm bolt on top and a 10x25mm bolt from hardware kit. **(Image 8)**



**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.

**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.

9. Install provided clip nuts onto muffler bracket. **(Reference image 9)**
10. Install muffler assembly onto headers and attach using supplied hook springs. **(Reference image 10)**



11. Attach muffler to mounting bracket using supplied 5/16" x 3/4" bolts. **(Reference image 11)**
12. Install O2 sensors into TBR system. Tighten to snug. **(Image 12)**



13. Install OEM heat shields onto headers with OEM hardware. Install TBR heat shield onto connector pipe using supplied 6x8mm button head bolts. **(Reference image 13)**



14. Double check all your work and tighten all hardware.
15. 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 badges. 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

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.



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