



**Honda**  
**CBR650F**  
 Full Exhaust System  
 Part # 005-4020105-T

**TARMAC**



**Parts List**

1	8" Tarmac Muffler	-
1	Header	005-40201H
1	Bracket	005-402-B
2	45mm Swivel Hook Springs	005-S45
2	8mm Flange Nut	005-FN8
1	8x20mm Socket Head Cap Screw	005-SH820
1	8x45mm Socket Head Cap Screw	005-SH845
1	O2 Adaptor Kit	005-04-22AD
1	Anti-Seize Lubricant	031-P09175
1	Spring Puller	005-SP

**IMPORTANT - PLEASE READ CAREFULLY**

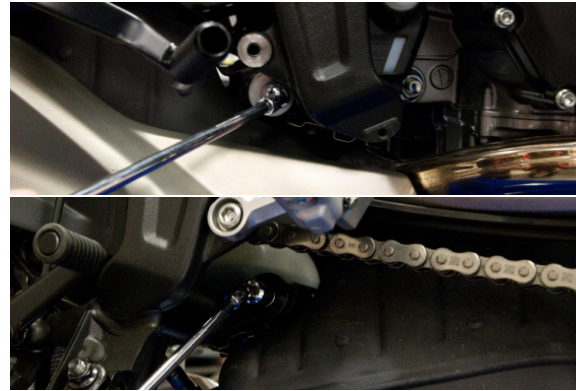
*We recommend that this performance part be installed by a qualified motorcycle technician. If you have any doubts as to your ability to install this performance part, please consult with your local motorcycle dealer. Read all instructions first before starting installation. Make sure the motorcycle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

**Installation Instructions**

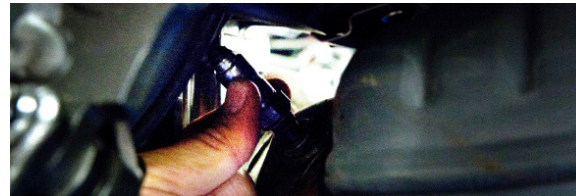
1. Make sure the bike is completely cool before starting the installation. Make sure the bike is secure on the side stand or ideally a service lift.
2. Remove the right and left side fairing to expose the exhaust assembly.



3. Remove the right foot rest assembly to access muffler mounting bolts.
4. Remove muffler mounting hardware.



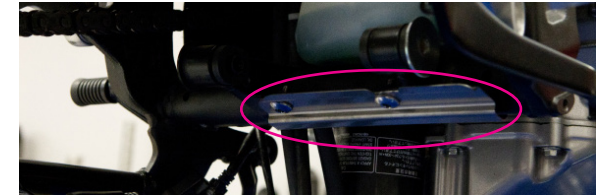
5. Remove O2 sensor from OEM muffler.



6. Remove header nuts from cylinder head and remove header assembly.



7. Remove plate from lower frame rail. Save hardware for use with TBR bracket.



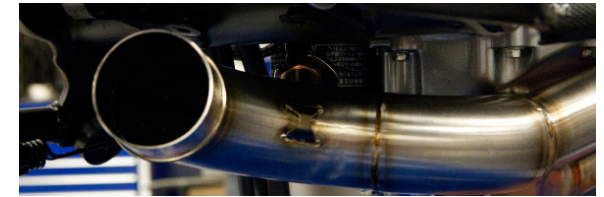
8. Install O2 adaptor onto TBR connector pipe.



9. Install TBR header assembly using OEM hardware and gaskets.



10. Apply anti-seize to O2 sensor threads and install onto TBR head pipe.



11. Install TBR bracket to OEM mount using stock lower bolt, 8x45mm socket head bolt, and 8mm flange nut.



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1	Spring Puller	005-SP

**Warranty**

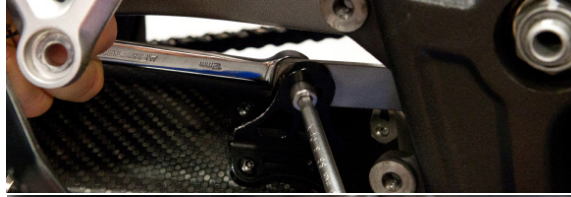
Two Brothers Racing products are intended for closed course competition purposes only, and therefore are sold "as is" without warranty. Two Brothers Racing specifically disclaims any warranties of merchantability or fitness for a particular purpose and disclaims all responsibility for consequential and incidental damages or any other losses arising from the use of these products or parts.

**Installation Instructions**

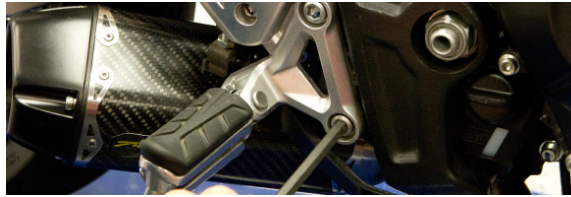
12. Apply thin layer of anti-seize to muffler inlet and attach to header using supplied hook springs.



13. Attach muffler to bracket using supplied 8x20mm socket head bolt and 8mm flange nut.



14. Re-install foot rest assembly.



15. Re-install the lower fairing and side cover.



16. Double check all work and fasteners to verify fitment and that all hardware is tight.

17. 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**

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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 every 3,000 miles. 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.