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167 Via Trevizio Corona, CA 92879 - (800) 211-2767

## 2008-2020 YAMAHA R6

DB PRO FULL SYSTEM

PART NUMBER: 005-53301-DB



### Qty. Description

Qty.	Description	Part Number
1	DB Pro Muffler	005-DBPRO-M
1	Header	005-40601H
1	Slip-Tube	005-40601S
1	Hardware Kit	005-533-HK
1	Barrel Clamp	005-27-66MSH
1	Bolt On Bracket	005-147-19-3
1	M8x16mm Socket Head Cap Screw	005-SH816
2	M8 Flange Nut	005-FN8
1	8mm Flat Washer	005-WF8
1	O2 Sensor Adapter Kit	005-92-22KIT
2	45mm Swivel Hook Springs	005-S45
1	Spring Puller	005-SP
1	DB Pro Insert Kit	005-DBPRO-IK
1	dB Killer Insert (Outlet / Pre-installed)	005-DB-CR
1	dB Killer Insert (Inlet)	005-MC-DB3
2	M6x16 Socket Head Cap Screws	005-SH616

### IMPORTANT - PLEASE READ CAREFULLY

*Two Brothers Racing products are intended for closed course competition purposes only.*

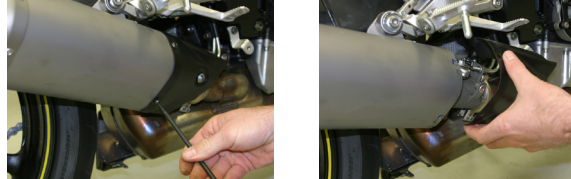
*We recommend that this performance part be installed by a qualified motorcycle technician. If you have any doubts as to your ability to install this performance part, please consult with your local motorcycle dealer. Read all instructions first before starting installation. Make sure the motorcycle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



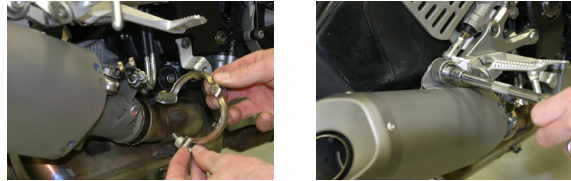
2. Remove lower right fairing from the motorcycle.



3. Remove muffler inlet cover from front of muffler to expose exhaust valve cables (noise reduction valve).



4. Remove cables from muffler and cable clamp from right side rear set assembly.



5. Remove muffler joint clamp and muffler mounting bolt.



6. Remove muffler assembly.



7. Remove the noise reduction valve servo bracket from the frame.



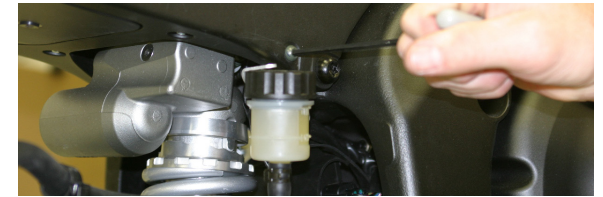
8. Remove servo by pulling out from the right side of the motorcycle and disconnect the cables. Disregard cables.



9. Remount the servo without the cables. Make sure servo is plugged into wiring harness. This step is necessary in order to keep an error code from being displayed on the LCD screen.



10. Reinstall the brake reservoir.



11. Remove the stock header exhaust port nuts (8 nuts total) in order to remove the stock headers.



12. Allow the head pipe assembly to swivel downward.



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2	M8 Flange Nut	005-FN8
1	8mm Flat Washer	005-WF8
1	O2 Sensor Adapter Kit	005-92-22KIT
2	45mm Swivel Hook Springs	005-S45
1	Spring Puller	005-SP
1	DB Pro Insert Kit	005-DBPRO-IK
1	dB Killer Insert (Outlet / Pre-installed)	005-DB-CR
1	dB Killer Insert (Inlet)	005-MC-DB3
2	M6x16 Socket Head Cap Screws	005-SH616

## Care &amp; 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.

**Warranty Information**

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

## Installation Instructions

14. Remove both 8mm allen bolts and the O2 sensor plug from rear of head pipe assembly, making sure to support it with your hand from underneath.



15. Remove the head pipe assembly from the bike.



16. Attach TBR headers to exhaust ports with the stock flange nuts. Make sure to keep OEM copper gaskets between the head pipe and cylinder head.



17. Attach muffer bracket reusing the OEM bolt and supplied flange nut.



18. Attached muffer to previously installed slip-tube.



19. Attach slip tube to S1R using supplied hook springs.



20. Mount muffer to bracket using supplied 8mm screw, washer and nut



21. Install O2 sensors onto TBR slip tube.



22. Tighten barrel clamp.



23. Double check your work and make sure all hardware is securely tightened.

24. 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.