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2021 APRILIA RS660

DB Pro Full-System Part # 005-53901-DB



BILL OF MATERIALS

1	DB Pro Muffler	005-DBPRO-M
1	Header	005-53901H
1	Hardware Kit	005-539-HK
1	Bolt-On Bracket	005-147-19-3
2	45mm Swivel Hook Springs	005-S45
1	8mm Flange Nut	005-FN8
1	M8x16mm Flange Bolt	005-FB816
2	O2 Sensor Kit	005-92-22KIT
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 Screw	005-SH616

INSTALLATION INSTRUCTIONS

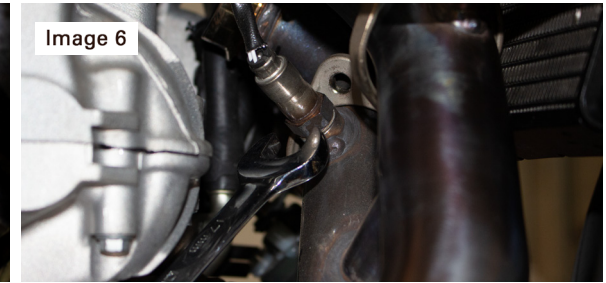
1. Make sure the motorcycle is completely cool before installation, and make sure it is secure on a stand or service lift.
2. Remove lower 2 fairings from both sides of the motorcycle. (Reference image 1)
3. Remove exhaust covers from both sides of the motorcycle. (Reference image 2)



4. Remove front lower cowl. (Reference image 3)



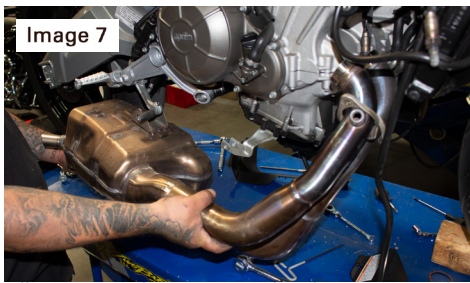
5. Remove fairings from both sides of motorcycle. (Reference image 4)
6. Remove 4 flanges nuts from header studs. (Reference image 5)



7. Remove both o2 sensors from the OEM header. (Reference image 6)
8. Remove OEM exhaust system from motorcycle. (Reference image 7)

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.



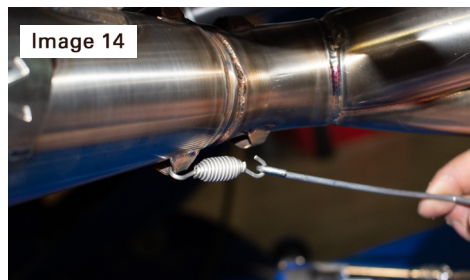
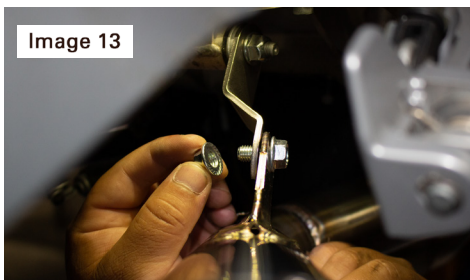
11. Install o2 sensor adapters to new headers using supplied copper washers. (Reference image 8)
12. Install new header to motorcycle using OEM gaskets and bolts, torque to OEM specs. (Reference image 9 & 10)



13. Install o2 sensors onto header. (Reference image 11)
14. Install muffler to header, leaving loose for now. (Reference image 12)



15. Install provided bracket using OEM hardware on top and supplied 8mm bolt and nut on bottom. (Reference image 13)
16. Install springs from muffler to header (Reference image 14)
17. Tighten all loosely installed exhaust components.



18. Re-install body work in reverse order and double check your work.
19. Before you run the bike, clean off all fingerprints and dirt, 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 burning off. Check for gaps or leaks. If you find a leak, use a little high temperature silicon sealant. after 50-100 miles recheck all fasteners.

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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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