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2009-10 Polaris RANGER RZRS 800

V.A.L.E.™ Slip-on Exhaust System with M-7 Aluminum Canister
Part # 005-2750406V



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. Be sure to save all stock components for possible use later.

****This product has not been tested with all available accessories and some items may cause excessive heat. Excessive heat may cause damage to your vehicle. Two Brothers Racing will not be responsible for damaged parts.**

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

1. Make sure the UTV is completely cool before starting the installation. Make sure the quad is secure on a level surface and the wheels are chocked to prevent the quad from rolling.
2. Remove the rear bed assembly:
 - Remove the rear cage (8) bolts.
 - Remove the seats.



- Remove the screws (4) behind the seats.



- Remove the screws (4) around the tail pipe.



- Remove the bolts (4) in the bed.



- Remove 1 push pins and 4 screws per side.



- Unplug lights from wire harness (1) under drivers side of bed.



- Carefully lift bed assembly off.

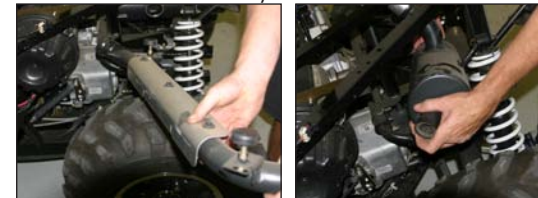
- Remove OEM muffler and mid-pipe (you may need to temporarily remove heat shield and bed rest):
- Loosen OEM clamp.



- Remove header joint springs. Retain for later.
- Remove mid-pipe tension spring. Retain for later.



- Remove mid-pipe.
- Remove muffler assembly.





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Installation Instructions

3. Remove OEM heat shield from Stock mid-pipe. Un-screw bumper stop and gasket for install on TBR mid-pipe.



4. Using the two OEM bolts and washers, install a lock washer as shown and install OEM heat shield on TBR mid-pipe. Re-install bumper stop.



5. Attach slip-tube to TBR muffler using the two-piece X-ring and four 6x20mm socket head cap screws and split lock washers provided.



Installation Instructions

6. Attach the hanger bracket to the TBR muffler using the four 6x20mm socket head cap screws and split lock washers provided.



7. Install TBR muffler assembly to the UTV frame using OEM bolts and nuts.



8. Install barrel clamp on end of slip-tube. Install mid-pipe.



9. Re-install OEM tension springs, adjust bumper stop.



10. Tighten muffler mount, barrel clamp, X-ring bolts.



11. Re-install bed assembly and heat shield.
12. Re-install seats and rear cage.
13. Double check to make sure that all hardware is securely tightened and re-check hardware after 10 hours.
14. Before you run the quad, 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 quad and enjoy. It is normal for some white smoke to appear the first time you start the quad. 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.



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Care & Cleaning

Qty.	Description	Part Number
1	Muffler Canister Center	005-27504-206M
1	Slip-tube	005-27504S1
1	Mid-pipe	005-27504S2
1	HARDWARE KIT	005-275-3
2	X-Ring (half)	005-7-2-3
8	6x20mm Socket Head Cap Screw	005-SH614
11	M6 Split Lock Washer	005-WL6
1	RZR Muffler Support Bracket	005-275B
1	Barrel Clamp	005-27-64MSH
1	5mm Long Handle Ball end hex key	005-9-18610
1	T20 Torx Screw Wrench	005-9-15820
1	TBR Sticker Kit	015-10212
1	USFS Approved Spark Arrestor (installed)	005-106S

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.