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2006-10 Kawasaki KLX250S / KLX250SF

V.A.L.E.™ Full Exhaust System

Part # 005-1710106V / 005-1710107V / 005-1710106VR / 005-1710107VR



Parts List

Qty.	Description	Part Number
1	Muffler Canister	Varies
1	Header	005-17101H
1	S-bend Tube	005-17101S
1	HARDWARE KIT	005-171-1
1	X-lite™ Ring	005-7-2-2
1	8 x 30mm Flange Bolt	005-FB830
4	6 x 14mm Socket Head Cap Screws	005-SH614
1	5mm Long Handle Ball end hex key	005-9-18610
1	T20 Torx Screw Hex Key	005-9-15820
4	6mm Split Lock Washer	005-WL6
1	TBR Sticker Kit	015-10212

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 vehicle and exhaust system are completely cool before starting the installation. Also, make sure the vehicle is secure on a centerstand 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.

Installation Instructions

1. Make sure the bike is completely cool before starting the installation. Make sure the bike is secure on the sidestand or ideally a rear service stand.
2. Remove right side panel.
3. Loosen head-pipe/muffler joint clamp.
4. Remove Header pipe.
5. Remove muffler mounting bolts.
6. Remove muffler assembly and head-pipe/muffler joint gasket. This Gasket is not used with the TBR slip-on system.
7. Attach the TBR slip-on tube to the muffler loosely with the 4(four) 6x14mm socket head cap screws and split lock washers provided.
9. Tighten the 4 6x14mm socket head cap screws.
10. Tighten the muffler/head-pipe joint clamp.
11. Check to be sure exhaust pipe is not touching airbox and make adjustments if necessary.
12. Re-install the right side panel.
13. 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.



V.A.L.E.™ Assembly Detail

8. Attach the muffler assembly to the rear frame mounting hole and slide the slip-on tube into the head-pipe. Use the supplied 8x30mm flange bolt and spacer.



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.



Absolute Top Level®

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