



401 South Grand Ave., Santa Ana, CA 92705  
Tel: 714.550.6070 Fax: 714.550.9661 www.twobros.com



## 2012 Can-am Outlander 1000R

V.A.L.E.™ Slip-on Exhaust System with M-7 Aluminum Canister  
Part # 005-3130406V



### 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.*

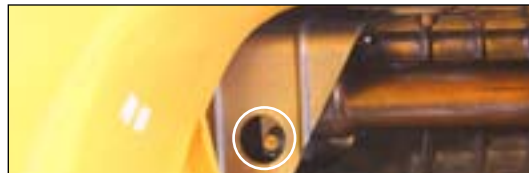
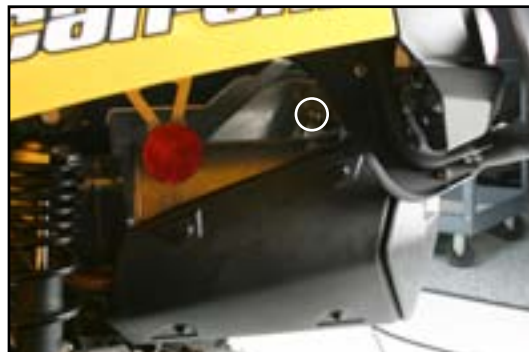
### Warranty

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 ATV is completely cool before starting the installation. Make sure the ATV is secure on a level surface and the parking brake is set.
4. Attach slip-on tube to TBR muffler using the provided 4 6x20mm bolts and lock washers with X-ring. Leave loose for now.

2. Remove muffler.



3. Remove grommet and sleeve from OEM muffler and insert into TBR muffler mount.



5. Attach muffler mounting bracket (supplied) to rear OEM muffler mounting hole using the supplied 8x60mm bolt and nut as shown.



6. Loosely install muffler assembly and attach to mounting bracket using the OEM bolt and nut for alignment. After exhaust is aligned tighten one X-ring bolt to secure slip-tube in place.



7. Remove muffler assembly and tighten the remaining X-ring bolts and re-install and secure in place using OEM nut and bolt.

8. Tighten Barrel clamp.

9. Double check your work and make sure all bolts are tightened and the exhaust is aligned correctly.

10. Before you run the ATV, 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 ATV and enjoy. It is normal for some white smoke to appear the first time you start the ATV. 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.



401 South Grand Ave., Santa Ana, CA 92705  
Tel: 714.550.6070 Fax: 714.550.9661 www.twobros.com



## 2012 Can-am Outlander 1000R

V.A.L.E.™ Slip-on Exhaust System with M-7 Aluminum Canister  
Part # 005-3130406V



### Parts List

Qty.	Description	Part Number
1	Muffler Canister M-7 Aluminum	005-313-206M
1	Stainless Steel S-Bend Slip-On	005-31304S
1	HARDWARE KIT	005-313-3
1	X-Ring	005-7-2-2
1	Muffler bracket	005-313-B
1	8x60mm Socket Head Cap Screw	005-SH860
1	8mm Flange Nut	005-FN8
1	61mm Barrel Clamp	005-27-61MSH
1	5mm Long Handle Ball end hex key	005-9-18610
1	T20 Torx Screw Wrench	005-9-15820
4	M6 Split Lock Washer	005-VL6
4	6x20mm Socket Head Cap Screw	005-SH620
1	TBR Sticker Kit	015-10212



### Care & Cleaning

#### 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 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.