



Power Filter Kit 2012+ Yamaha 1.8L HO

RY13062-2



Applications: 2012+ Yamaha 1.8 L HO

Approximate Installation Time: 1.5 Hr.

Recommended Specialty Tools:

N/A

Required Materials:

Silicone Sealer

Part #

N/A

Part #

N/A

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Prior to installation, go to the RIVA Racing online Instruction Library to download the latest version of these instructions:

<https://rivaracing.com/instructions>

COMPONENT LIST

Item	Description	RIVA Part #	Qty.	Notes
A	Filter Element	RK13090-4	1	
B	Pre Filter	RK13090PF-BK	1	
C	Velocity Stack	QCA-RY13040	1	
D	Threaded Ring	QCA-RY13040	1	Shipped inside Velocity Stack
E	Breather Filter	RY-1020	1	
F	Cushion Clamp	3225T27	1	
G	7" Zip Tie	TY25MX	2	
H	6-32 X 1/2" SHCS	93705A148	2	Not shown. Installed in threaded ring.

Your kit was inspected and verified before being carefully packaged by our staff. Please check package contents before beginning assembly. If you have a question about missing or damaged items please contact RIVA Technical Support directly at (954) 247-0705 or by e-mail at tech_support@rivaracing.com.



We strongly recommend the use of a service manual to familiarize yourself with the various components and procedures involved with this installation. Please note that some of the original hardware removed in the disassembly process will be used in the installation process. These instructions have been written in step-by-step format and refer to illustrations. Read through instructions entirely before performing installation. Please follow these step-by-step instructions and illustrations carefully.

***** ALLOW ENGINE TO COOL COMPLETELY BEFORE PERFORMING INSTALLATION *****

***** NO SMOKING *** NO SMOKING *** NO SMOKING *****

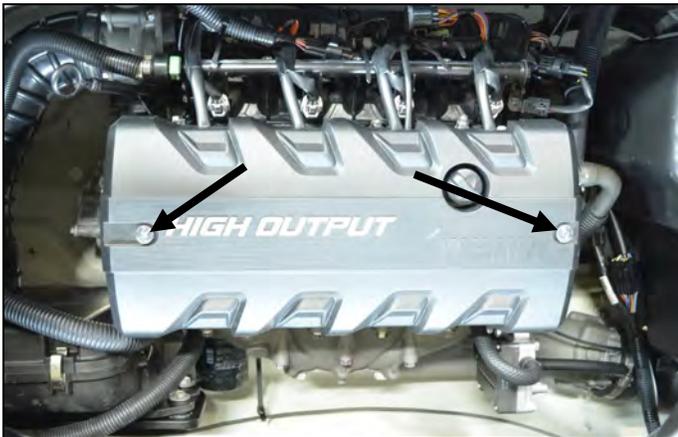
Caution: Whenever using electric or battery operated tools inside the hull be sure it is well ventilated and no fumes are present. Failure to do so could result in a fire, or explosion and serious personal injury or death.

This kit is not intended for use on pollution controlled vehicles. Installation on pollution controlled vehicles may constitute a violation of state or local statutes.

- INSTALLATION INSTRUCTIONS -

Remove screws (2) securing engine cover and remove cover. (Figure 1)

Figure 1



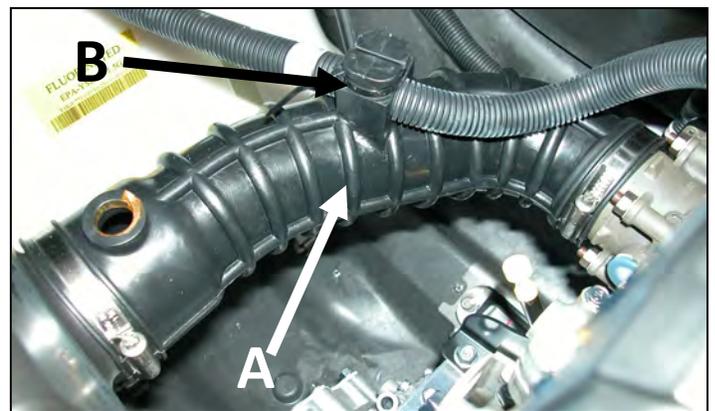
Remove engine breather hose from air inlet hose. Remove plastic fitting from breather hose. (Figure 2)

Figure 2



Remove air inlet hose (A) between stock air box and throttle body (2 clamps) and discard. **NOTE:** Cut zip tie (B) securing fuel hose to top of air inlet hose. (Figure 3)

Figure 3



Remove air box lid (8 clips/2 on each side) with filter and discard. (Figure 4)

Figure 4



- INSTALLATION INSTRUCTIONS -

Remove bolts (4 total, 2 on each side) securing air box case to support bracket. Remove air box case and discard. (Figure 5)

Figure 5



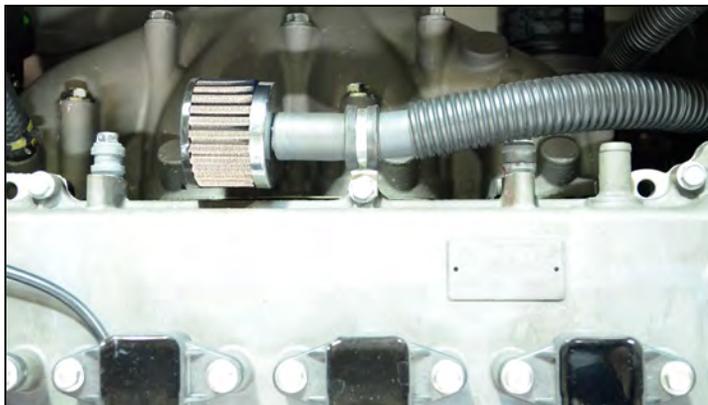
Optional – Remove nuts (4) securing air box support bracket to hull. Remove bracket and discard. (Figure 6)

Figure 6



Install supplied breather filter on engine breather hose. Secure filter on hose with supplied cable tie. Secure breather hose to exhaust side middle valve cover bolt using supplied cushion clamp. Adjust length of hose if necessary. (Figure 7)

Figure 7



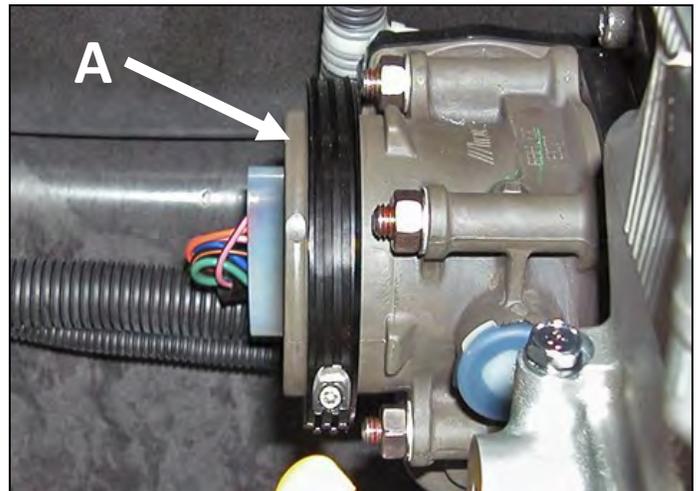
Install supplied billet adapter flange onto throttle body inlet. **Note:** Ensure the 3 marks on the flange are on the same side. (Figure 8) Face the side with the 3 marks towards the throttle body. Use blue Loctite on the flange bolts when installing.

Figure 8



Rotate so allen bolts can be accessed. While tightening allen bolts pull clamp away from throttle body until it stops against flange (A) on throttle body inlet. Tighten with supplied allen wrench. **NOTE: Do not over tighten bolts.** (Figure 9)

Figure 9

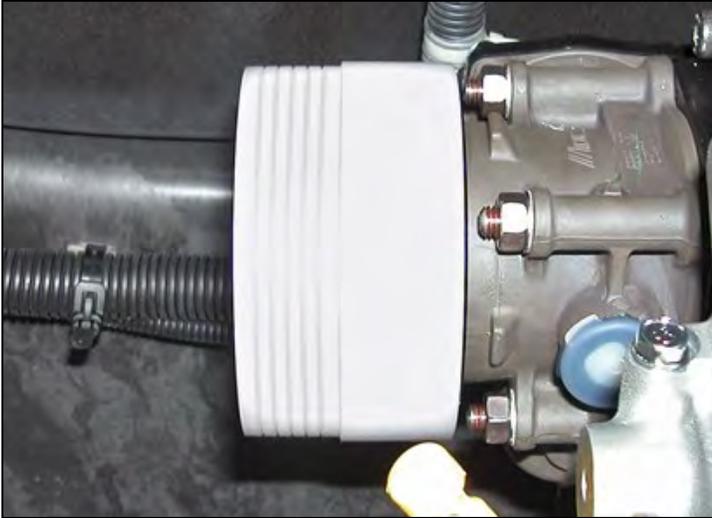


Apply a small amount of ordinary clear silicone sealer to threads of billet adapter flange. **Note: Sealer is to keep velocity stack from unscrewing, not to seal anything. Do not use Loctite.**

Thread supplied velocity stack onto billet adapter flange. **NOTE: Do not over tighten.** (Figure 10, page 4)

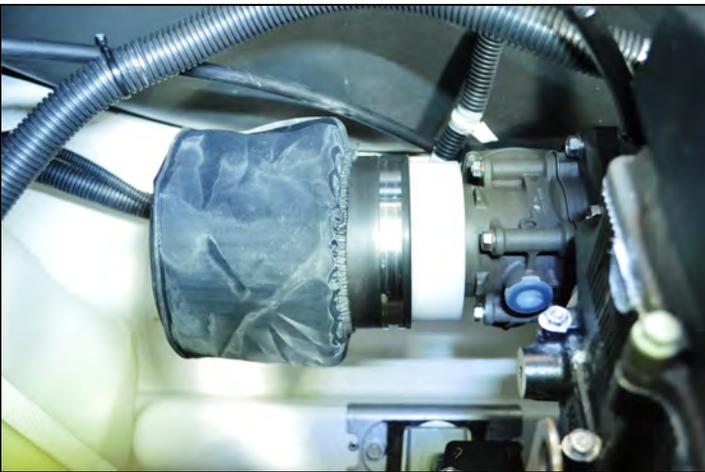
- INSTALLATION INSTRUCTIONS -

Figure 10



Install supplied Pre-Filter onto Power Filter. Slide Power Filter onto velocity stack. Secure with supplied clamp. **Do not overtighten clamp.** (Figure 11)

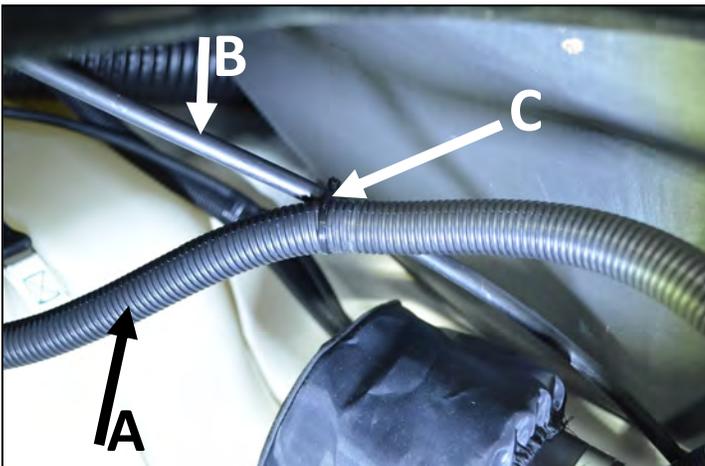
Figure 11



VXR/VXS Models:

Secure fuel rail supply line (A) to steering cable (B) with supplied zip tie (C). (Figure 12)

Figure 12



Remember, the water belongs to everyone.

Please ride responsibly and respect the environment!

Technical Support

For answers to questions regarding installation or trouble shooting RIVA Performance Products contact:

RIVA Technical Support directly at (954) 247-0705 or by e-mail at tech_support@rivaracing.com.

Limited Warranty

RIVA Power Filter Kits carry a 1 year limited warranty to the original purchaser. They are warranted to be free of defects in materials and workmanship under normal use and service. Customer modified components will be void of warranty. This warranty is limited to defects in the primary components only. Finish and/or wear marks in or on primary components are not covered under this warranty.

RIVA Racing's liability is expressly limited to the repair or replacement of the components contained within or associated with this kit. RIVA Racing agrees to repair or at RIVA's option, replace any defective unit without charge, if product is returned to RIVA Racing freight prepaid within the warranty period. Any equipment returned which, in RIVA's opinion, has been subjected to misuse, abuse, overheating or accident shall not be covered by this warranty.

RIVA Racing shall have no liability for special, incidental or consequential damages or injury to persons or property from any cause arising from the sale, installation or use of this product.

No other warranty, express or implied, including, but not limited to the implied warranties of merchantability and fitness for a particular purpose, applies. Various states do not allow for the limitation of incidental or consequential damages and therefore the above exclusion or limitation may not apply to you.

Warranty does not include the expenses related to freight or transportation of parts or compensation for any inconvenience or loss of use while being repaired. A copy of the original invoice and a Return Authorization Number (RA#) must accompany all warranty claims.

Warranted replacement parts will be returned freight collect.