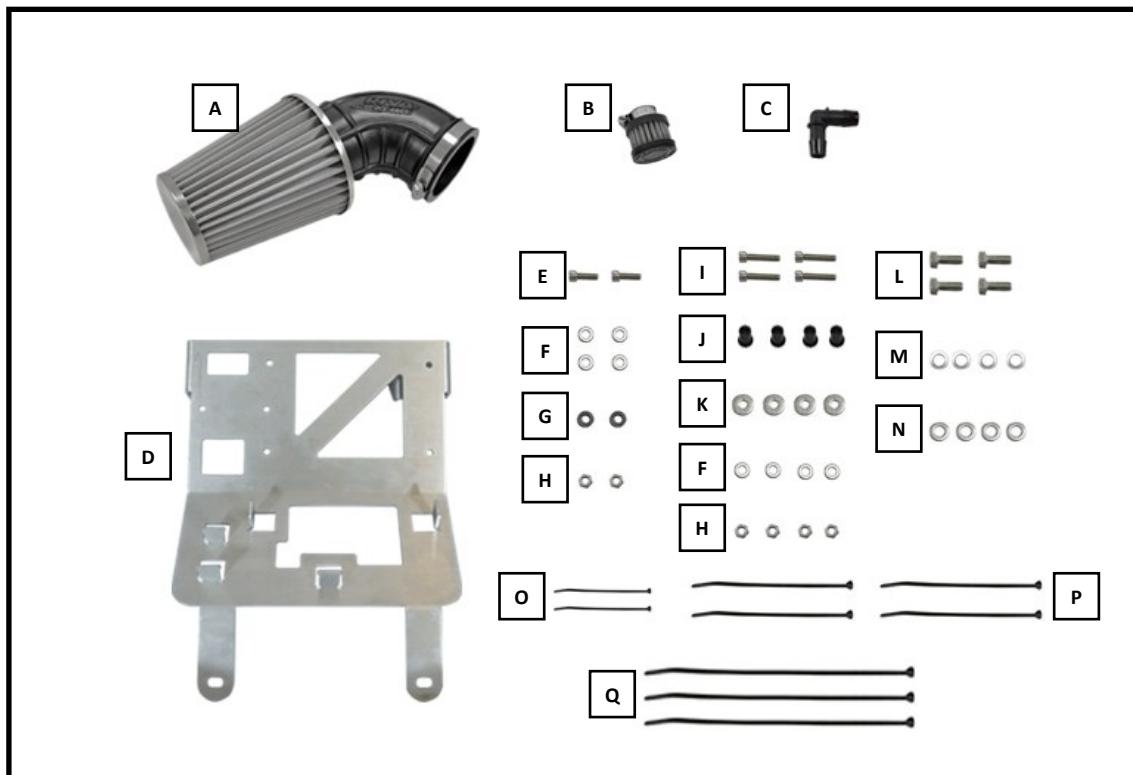




RIVA RACING
PERFORMANCE PRODUCTS & ACCESSORIES

Yamaha JetBlaster Power Filter Kit

RY13210



Applications:

2025+ Yamaha JetBlaster (all models)

Approximate Installation Time:

4 hours

GET THE LATEST UPDATES!

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

<https://rivaracing.com/instructions>

Recommended Specialty Tools:

OEM Service Manual

Part

LIT-18616-04-60

Required Materials:

Blue Loctite
Red Loctite

Part

N/A
N/A



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COMPONENT LIST

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>RIVA PART #</u>	<u>QTY</u>	<u>NOTES</u>
A	Power Filter	HSR-0001	1	
B	Engine Breather Filter	RK13085-2480-1	1	
C	90-degree Elbow	5463K598	1	
D	Electrical Bracket	FSM-RY13100-BRKT	1	
E	Bolt, M6x20mm SHCS	.6C20SHCS	2	
F	M6 Flat Washer	.6NWTFS	8	
G	Spacer, Short	90176A155	2	
H	M6 Nylock Nut	.6CNNES	6	
I	M6x30mm SHCS	.6C30SHCS	4	
J	M6 Fender Washer	410.6.18	4	
K	Spacers, Tall	QCA-RY13100-SP	4	
L	M8x20mm HHCS	.8C20HC3S	4	
M	M8 Lock Washer	.8NMLWS	4	
N	M8 Flat Washer	.8NWTFS	4	
O	Zip Tie, 4-inch	TY23MX	2	
P	Zip Tie, 7-inch	TY25MX	4	
Q	Zip Tie, 14-inch	TY28MX	3	

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.

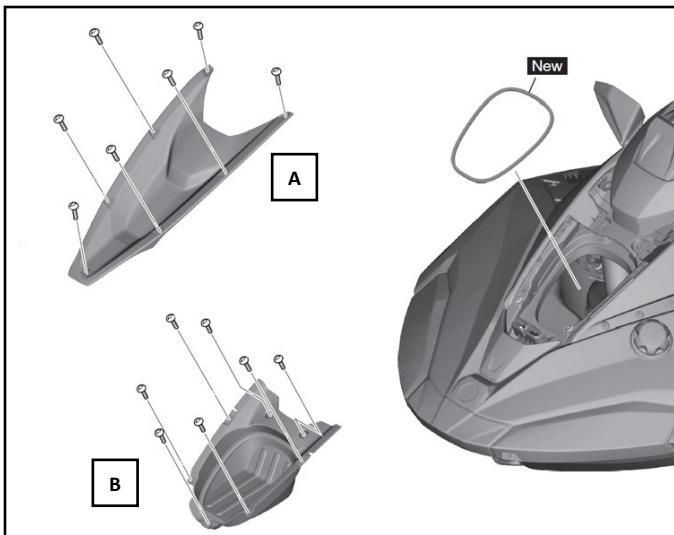
- INSTALLATION INSTRUCTIONS -

Remove seat, fire extinguisher tray and rear storage tray.

JetBlaster DLX (3up) & LTD: Open front hood. Remove by rotating to one side while pulling forward.



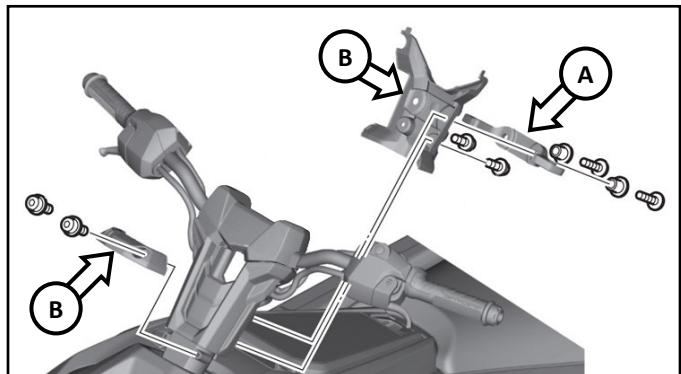
All JetBlaster Models: Remove front cover or storage tray.



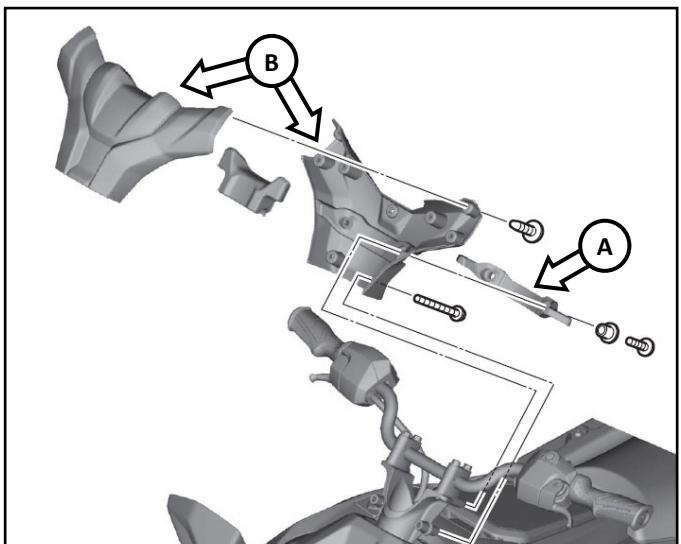
A: JetBlaster, JetBlaster DLX (2up), JetBlaster Pro

B: JetBlaster DLX (3up), JetBlaster LTD

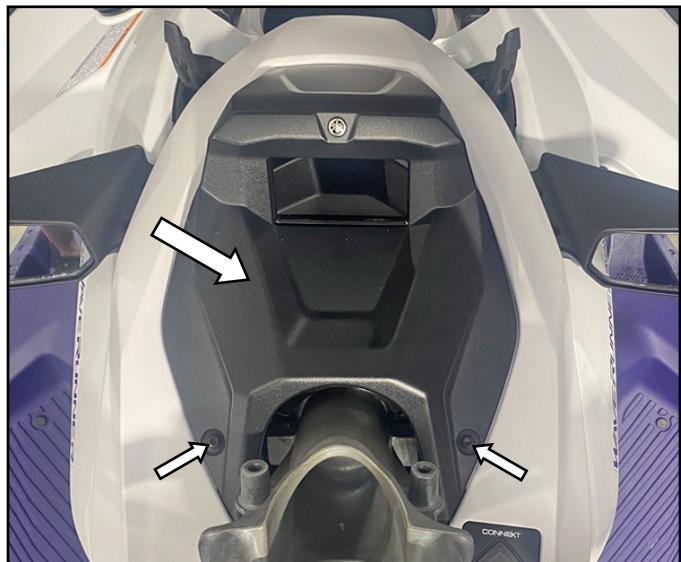
JetBlaster PRO: Remove mooring hooks (A) and handlebar covers (B).



JetBlaster, JetBlaster DLX, JetBlaster LTD: Remove mooring hooks (A) and handlebar covers (B).

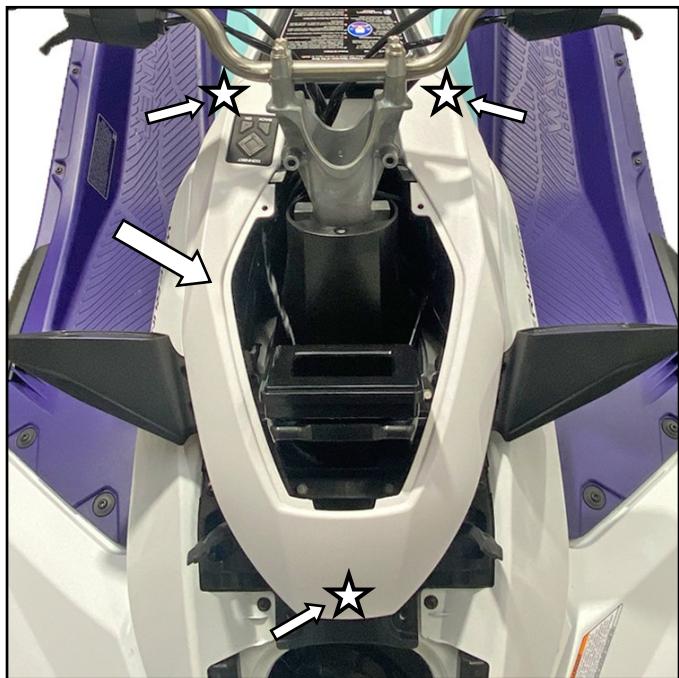


Remove dash cover (2 bolts).

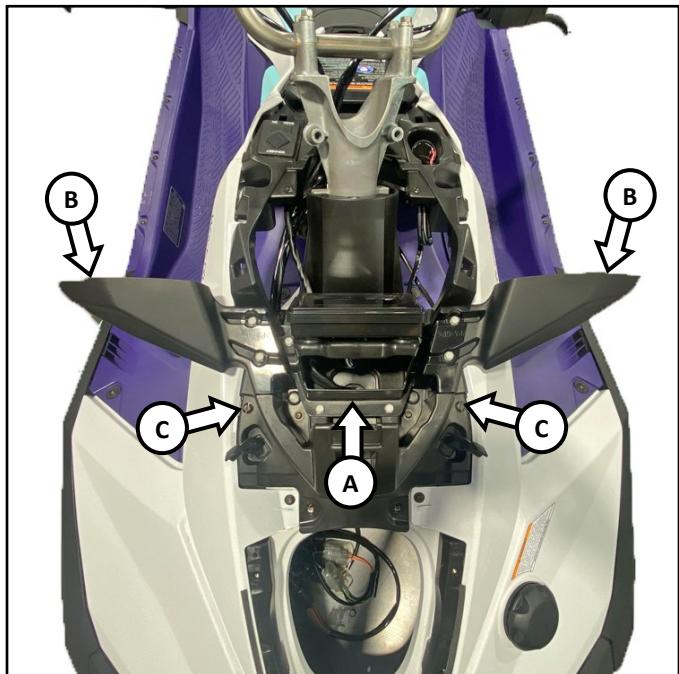


- INSTALLATION INSTRUCTIONS -

Remove engine hatch cover by pulling up at front, middle and both rearmost corners that meet glove box lid (★) .



Remove dash support [A] (4 bolts).

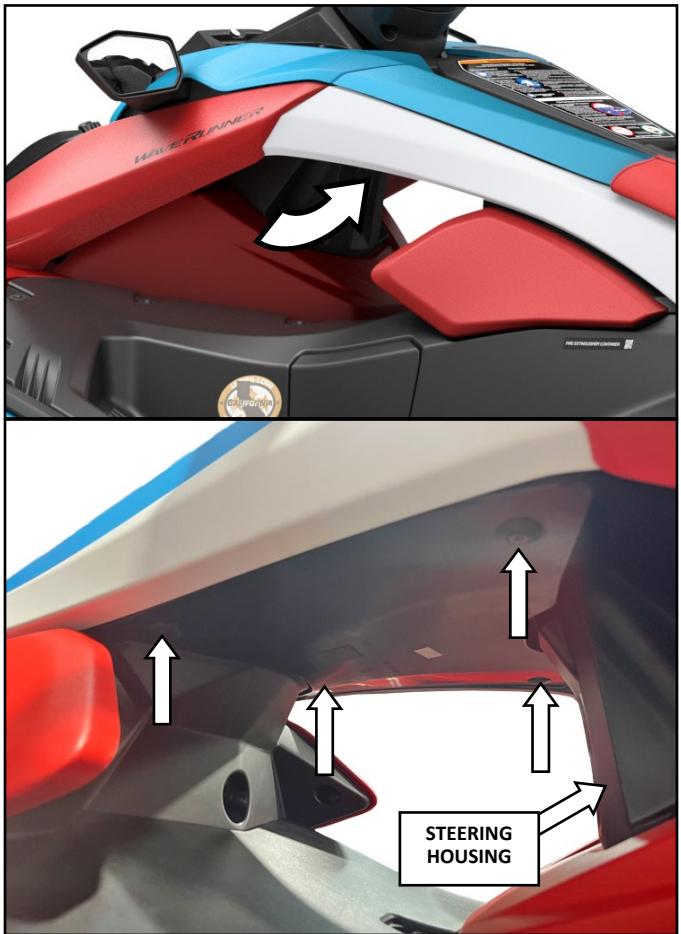


Remove mirrors [B] (2 bolts each side).

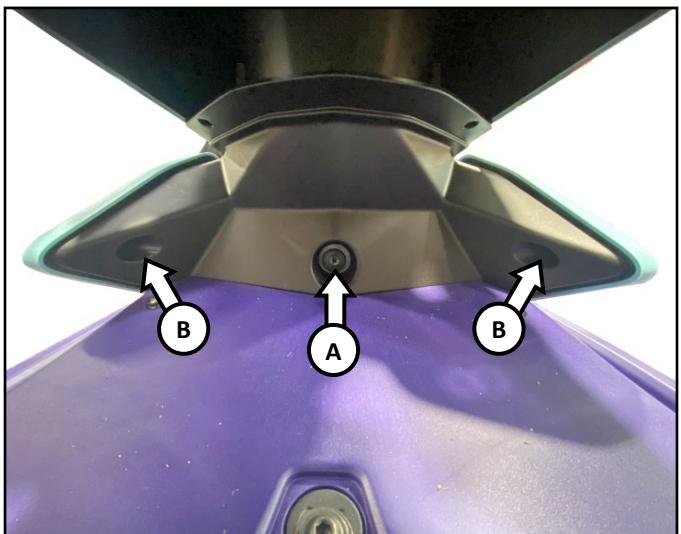
Remove bolts [C] (1 each side) securing front of center cover to front deck.

Inside glove box, remove bolts (3) securing rear of center cover to main deck.

JetBlaster, DLX & LTD: Remove panel (4 screw/rivets) underneath glove box.

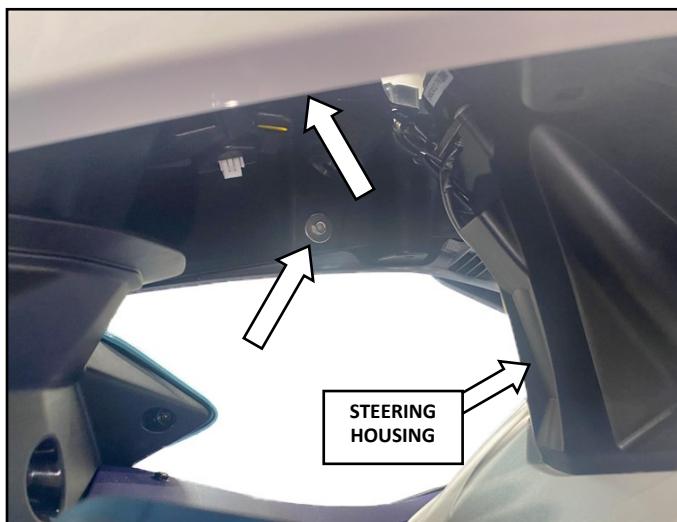


All JetBlaster Models: Under glove box & behind knee pads, remove glove box plate (1 screw/rivet [A] and 2 bolts [B]).

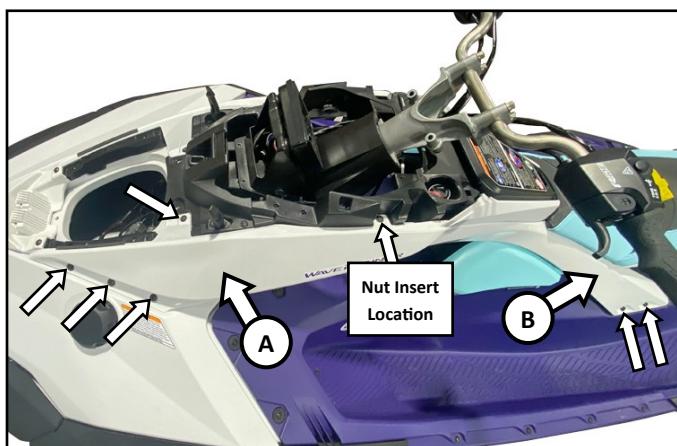


- INSTALLATION INSTRUCTIONS -

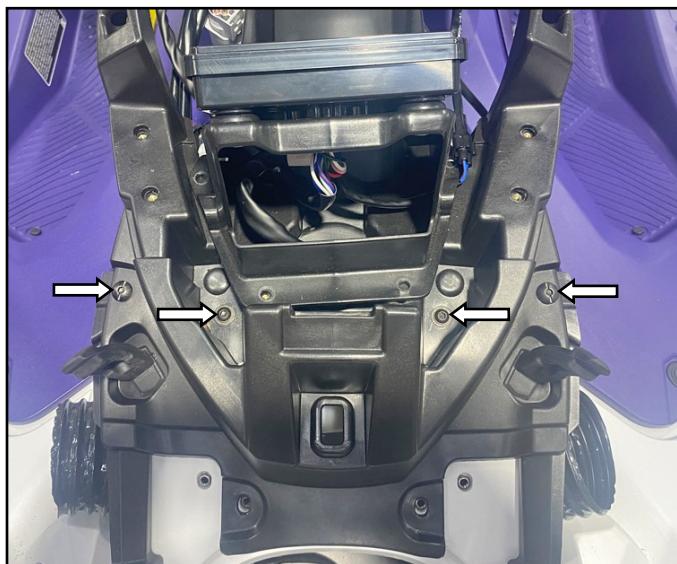
Under glove box, locate bolts (1 each side) securing side frames to center cover.



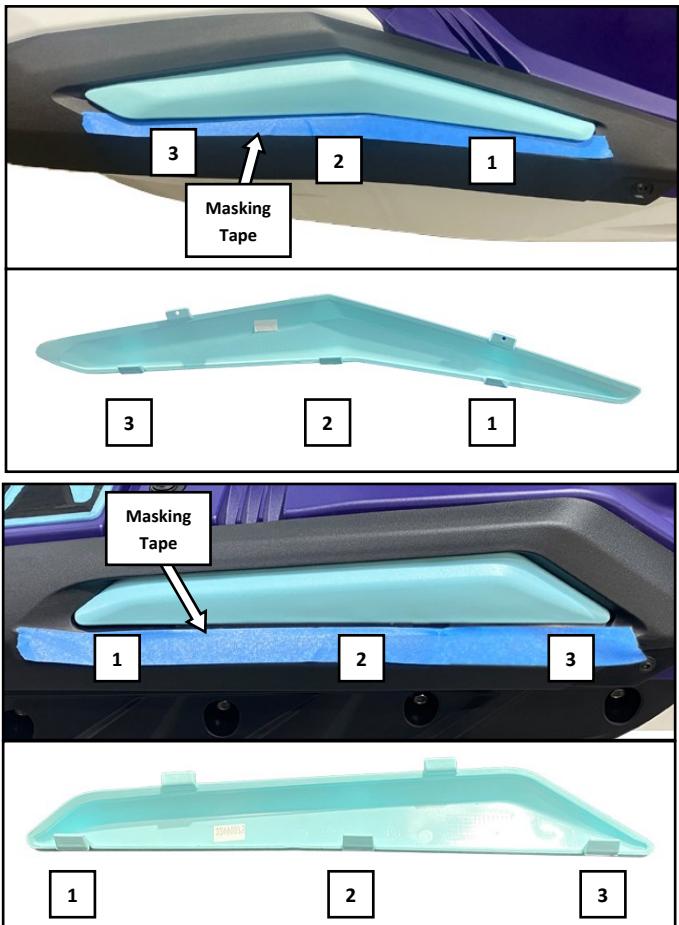
Remove side frames [A] (5 bolts each side) and side frames [B] (2 bolts each side) as one piece. **NOTE: Be careful not to lose nut inserts at sides of center cover.**
TIP: Secure in place with tape!



Remove bolts (4) securing center cover.



Remove inserts in front, side bumpers and rear, corner bumpers. **TIP: Apply masking tape to protect bumpers.**



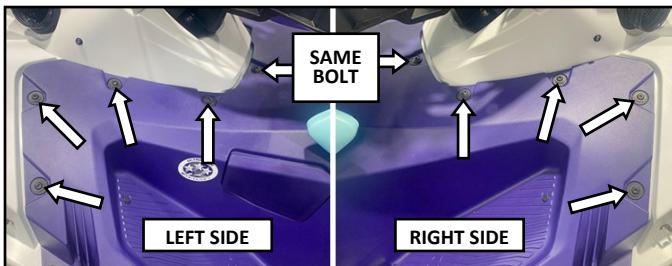
Start by prying up at rear locking tab. Then, move forward to middle tab and finally front tab. Rotate bottom of insert outward to remove.

Remove front, side bumpers (3 bolts) and rear, corner bumpers (4 bolts). **NOTE: Do not lose rubber grommets under bumpers!**



- INSTALLATION INSTRUCTIONS -

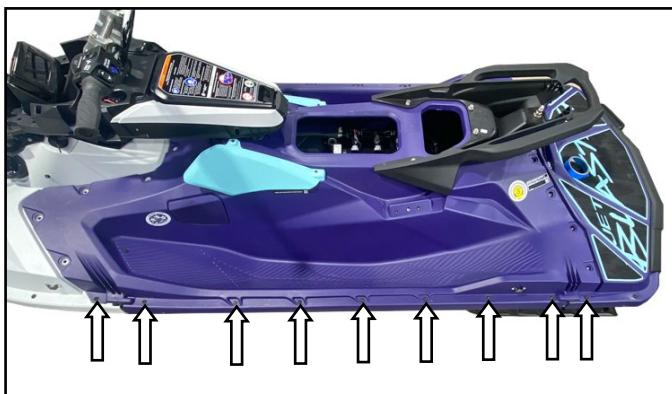
Remove bolts and inserts (9) securing main deck to front deck.



Remove bolts and inserts (10) securing main deck to rear deck.



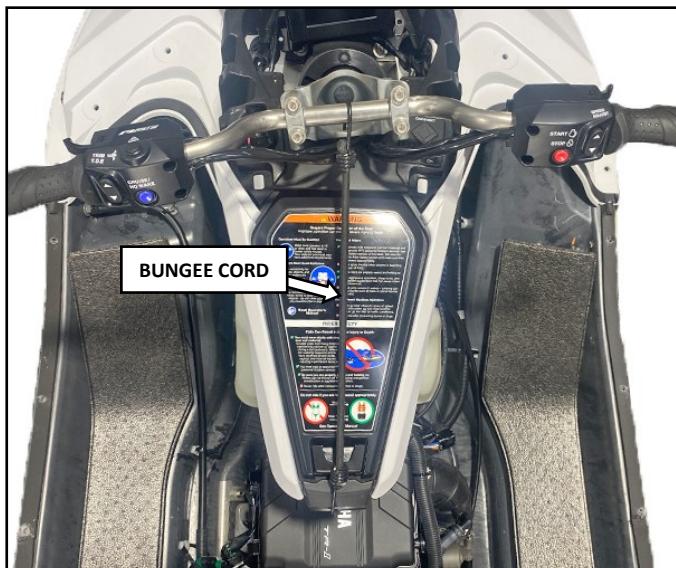
Remove bolts & nuts (9 each side) securing main deck to hull.



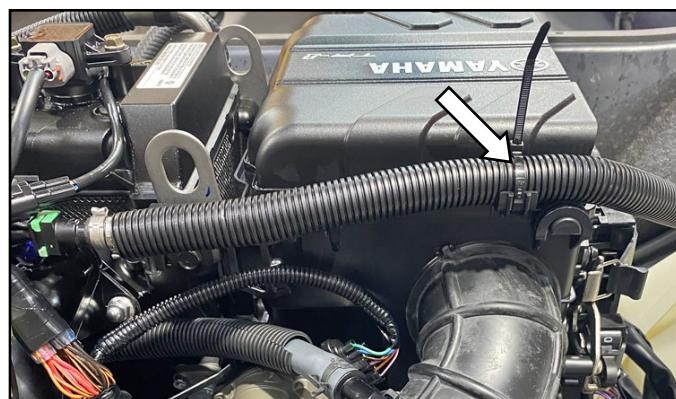
Locate water separator inside engine compartment, just above airbox. Disconnect vent hoses from right and left side of water separator.



With assistance, carefully lift main deck at sides and remove towards rear of craft. **NOTE: Be sure to support glove box during and after removal of main deck.**

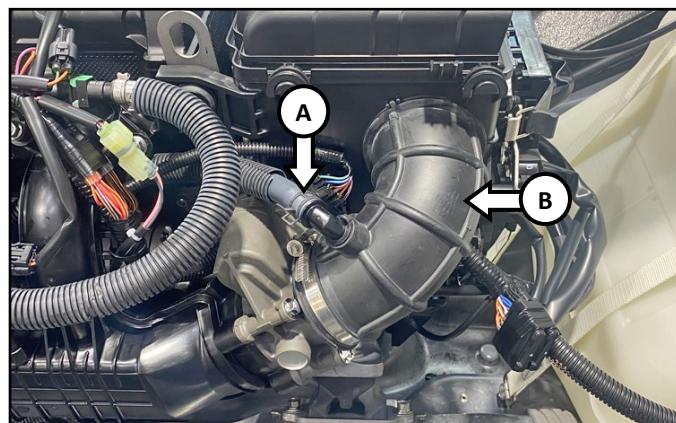


Cut zip tie securing fuel line to airbox. Disconnect fuel line from fuel rail. Place end at rear of fuel rail. **NOTE: Fuel line may be pressurized. Place a shop rag around connector.**



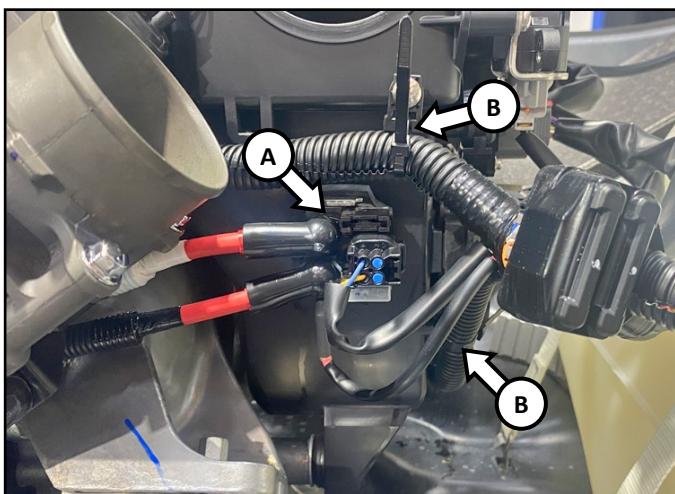
Disconnect engine breather hose [A] from 90-degree fitting on air intake elbow.

Remove air intake elbow [B] and discard.



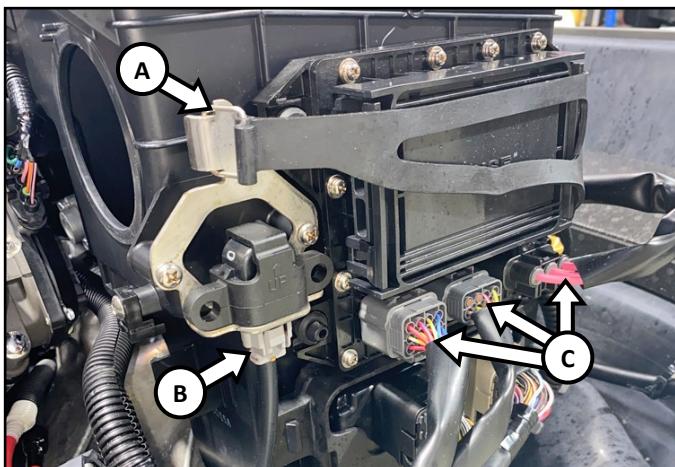
- INSTALLATION INSTRUCTIONS -

Remove starter relay with rubber grommet [A] from airbox. Discard metal bracket



Remove electrical wire looms [B] (2) from right side of airbox.

Remove rubber strap [A] over fuse panel and discard.



Unplug electrical connector for tip-over sensor [B].

Unplug electrical connectors [C] (3) from fuse panel.

Remove fuse panel from airbox mounting points (4) by pulling forward. **NOTE: Ensure rubber grommets remain in mounting holes of fuse panel.**

Unplug electrical connectors (2) from ECU. **NOTE: Release small inner lever before flipping larger locking lever.**

Remove ECU with rubber grommet from airbox.

Cut zip ties securing remaining electrical wire loom to airbox. Remove wire loom and move aside.

Remove OEM airbox (4 bolts - 2 top / 2 bottom). Retain engine hoist tabs (2).

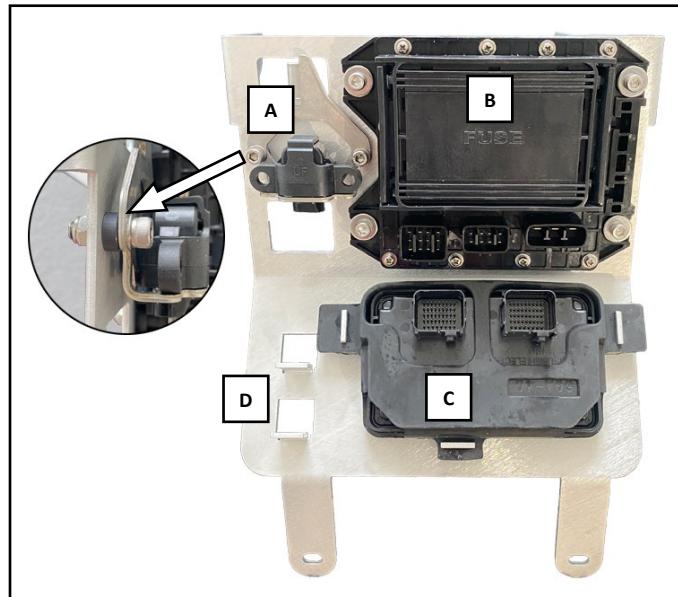
Remove tip-over sensor from airbox (2 screws).

Mount tip-over sensor, fuse panel and ECU onto supplied electrical bracket.

Tip-over Sensor [A]: Mount onto supplied electrical bracket using supplied short aluminum spacers (2), M6x20 HCHS (2), M6 flat washers (4) and M6 nylock nuts (2).

Fuse Panel [B]: Mount onto supplied electrical bracket using supplied tall nylon spacers (4), M6x30 SHCS (4), M6 fender washers (4), M6 flat washers (4) and M6 nylock nuts (4).

ECU [C]: Place onto mounting tabs.



Install electrical bracket onto front of motor where OEM airbox was previously mounted using supplied M8x20 HHCS (4), M8 lock washers (4) and M8 flat washers (4).

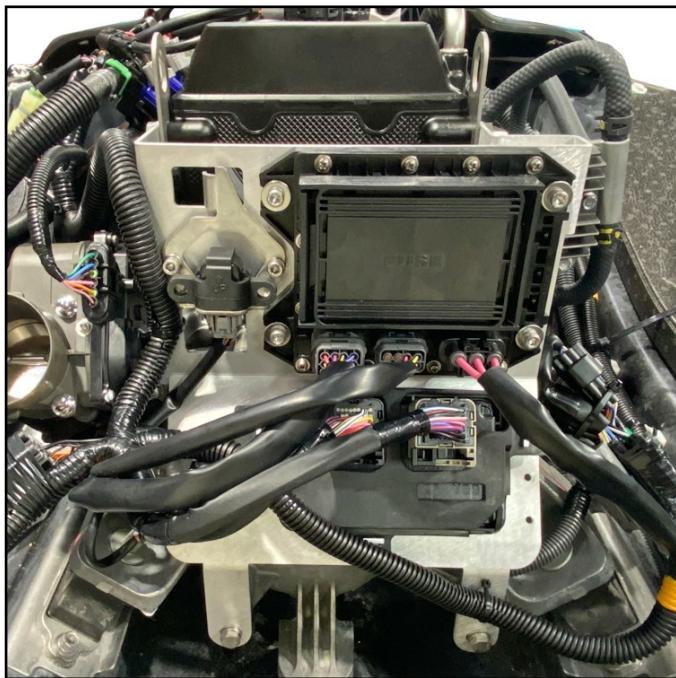
NOTE: Be sure to install engine hoist tabs at top two mounting points, between bracket and cylinder head.

Apply blue Loctite to bolts. Torque bolts to 15 ft•lb (20 N•m).

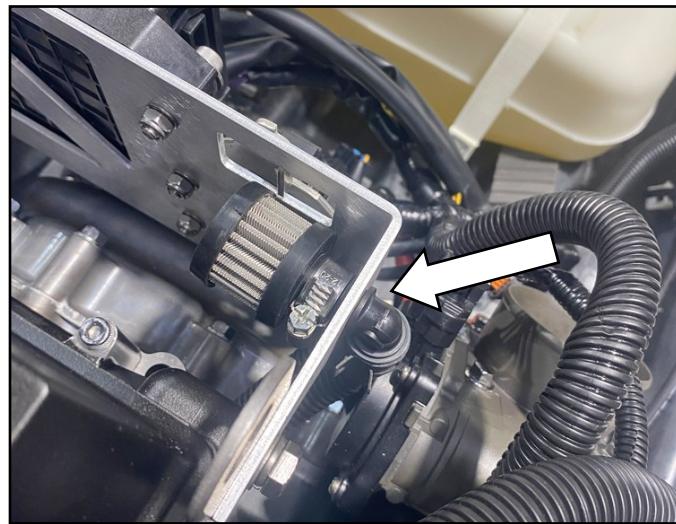
Mount starter relay onto tabs [D] (2) at bottom right of electrical bracket. **NOTE:** It may be necessary to loosen wires at relay posts to accommodate installation of relay onto electrical bracket.

- INSTALLATION INSTRUCTIONS -

Carefully reconnect fuse panel (3 connectors), ECU (2 connectors) and tip-over sensor (1 connector).



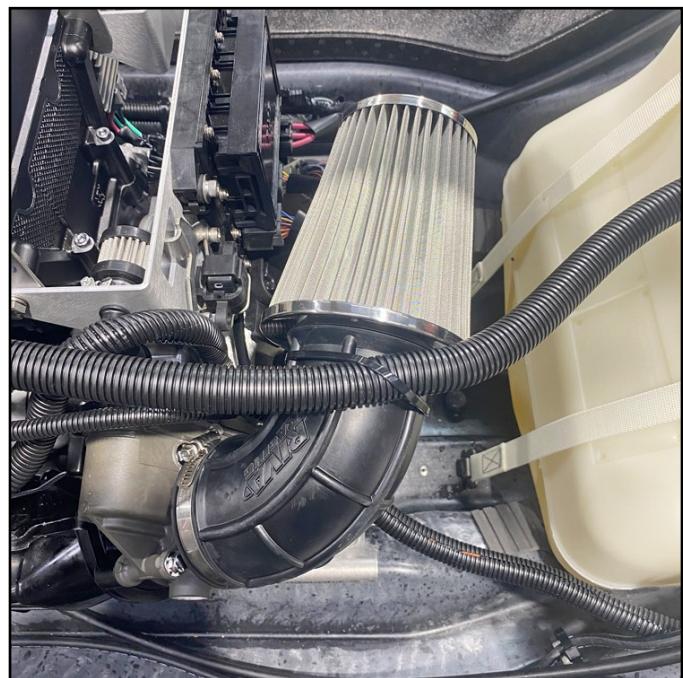
Install supplied 90-degree plastic elbow into engine breather hose. Pass open barb through opening at top right of electrical bracket and install supplied engine breather filter. **NOTE: Do not overtighten clamp.**



Secure wire looms together at front left using supplied long zip ties (2).

Secure wire looms to electrical bracket using supplied medium zip ties (2).

Thoroughly clean inside flange of supplied Power Filter and mounting flange on throttle body with a non-residual cleaner.



Install supplied Power Filter onto throttle body. **NOTE: Do not overtighten clamp.**

Reconnect fuel line to fuel sender unit. Secure fuel line to elbow of Power Filter with remaining long zip tie.

Check bilge for rags, tools etc.

Run craft on a flush hose to check for proper operation.

With assistance, carefully set main deck in place.

Locate water separator inside engine compartment. Reconnect vent hoses (2) and secure with supplied small zip ties.

Secure sides of main deck to hull with bolts & nuts previously removed (9 each side).

Secure main deck to front deck using bolts and inserts previously removed (9). **NOTE: Apply blue Loctite to bolts. Do not overtighten.**

Secure main deck to rear deck using bolts and inserts previously removed (10). **NOTE: Apply blue Loctite to bolts. Do not overtighten.**

Replace front, side bumpers and secure with hardware previously removed (3 bolts). **NOTE: Ensure rubber grommets are in place under bumpers! Do not overtighten bolts.**

Replace rear, corner bumpers and secure with hardware previously removed (4 bolts). **NOTE: Ensure rubber grommets are in place under bumpers! Do not overtighten bolts.**

- INSTALLATION INSTRUCTIONS -

Carefully replace inserts in front, side bumpers and rear, corner bumpers.

Replace center cover and secure using hardware previously removed (4 bolts). **NOTE: Apply blue Loctite to bolts. Do not overtighten.**

Replace side covers and side frames. Secure using hardware previously removed (5 bolts each side cover / 3 bolts each side frame). **NOTE: Apply blue Loctite to bolts. Do not overtighten.**

Replace panel & glove box plate (under glove box & behind knee pads,) and secure with hardware previously removed (5 screw/rivets and 2 bolts). **NOTE: Apply blue Loctite to bolts. Do not overtighten.**

Inside glove box, replace bolts (3) securing rear of center cover to main deck. **NOTE: Apply blue Loctite to bolts. Do not overtighten.**

Secure front of center cover to front deck using hardware previously removed (1 bolt each side). **NOTE: Do not overtighten bolts.**

Replace mirrors and secure using hardware previously removed (2 bolts each side). **NOTE: Do not overtighten bolts.**

Replace dash support and secure using hardware previously removed (4 bolts). **NOTE: Do not overtighten bolts.**

Carefully replace engine hatch cover by pressing down at front, middle and both rearmost corners that meet glove box lid.

Replace dash cover and secure with hardware previously removed (2 bolts). **NOTE: Do not overtighten bolts.**

Replace handlebar covers and mooring hooks. Secure using hardware previously removed. **NOTE: Apply blue Loctite to bolts. Do not overtighten.**

Replace front cover or storage tray and secure using hardware previously removed. **NOTE: Inspect gasket and replace if damaged or brittle. Do not overtighten bolts.**

JetBlaster DLX (3up) & LTD: *Carefully* replace front hood.

Replace fire extinguisher tray, rear storage tray and seat.

Remember, the water belongs to everyone.

Please ride responsibly and respect the environment!

Technical Support

For answers to questions regarding installation or troubleshooting 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.