

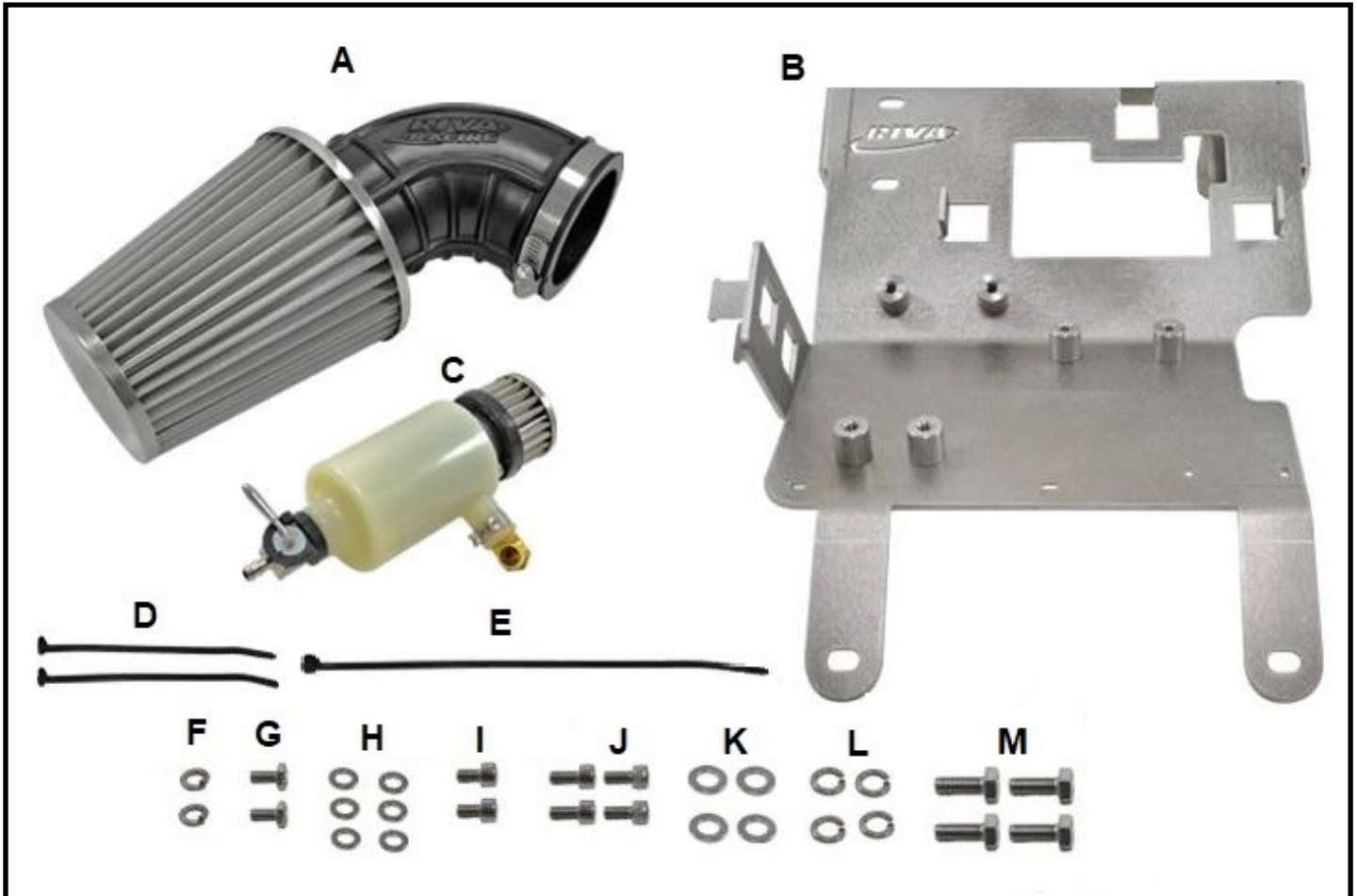


RIVA RACING

PERFORMANCE PRODUCTS & ACCESSORIES

2021+ SuperJet Power Filter Kit

RY13130



Applications: 2021+ SuperJet

Approximate Installation Time: 1.5 hrs

Recommended Specialty Tools:

N/A

Part #

N/A

Required Materials:

Red Loctite

Part #

N/A



2021+ SuperJet Power Filter Kit

RY13130

COMPONENT LIST

Item	QTY.	Part Number	Description	Notes
A	1	HSR-0001	Air Filter, Main	With Clamp
B	1	FSM-RY13130-B	Electrical Bracket	
C	1	RTL-RS19050-CC	Catchcan	
C	1	ABR-025-SL	Air Filter, CC	Assembled with catch can
C	1	NI-RY13130-PC	Petcock	Assembled with catch can
C	1	54195K24	Hose Clamp, 15/16 x 1-1/2	Assembled with catch can
D	2	TY24MX	ZIP TIE, 5.5", SS TAB, MED	
E	1	TY27MX	ZIP TIE 13", SS TAB	
F	2	92147A029	Lock Washer, (1/4")	
G	2	92240A537	Bolt, (1/4-20 x 1/2") HHCS	
H	6	.6NWTF5	WASHER, FLAT. 6MM SS	
I	2	538078SS	BOLT, M6 X 16MM, SHCS	
J	4	051.6.12	BOLT, M6 X 12MM, SHCS	
K	4	.8NWTF5	WASHER, FLAT, 8MM SS	
L	4	.8NMLWS	WASHER, LOCK, 8MM SS	
M	4	.8C20HC3S	BOLT, 8MM X 20MM, HHCS	

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

Notes and Precautions

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.

DISASSEMBLY

Remove engine compartment cover.

On right side of engine compartment, squeeze breather hose clamp and slide along hose to release fitting. (Figure 1)

Remove breather hose from fitting.

Loosen inlet hose clamp. (Figure 1)

Remove inlet hose from throttle body and pull out of airbox.

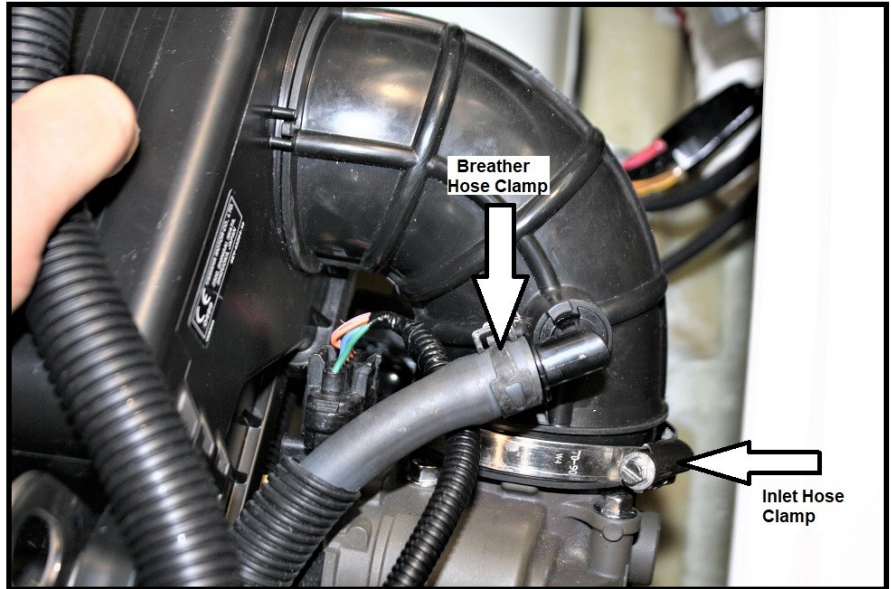
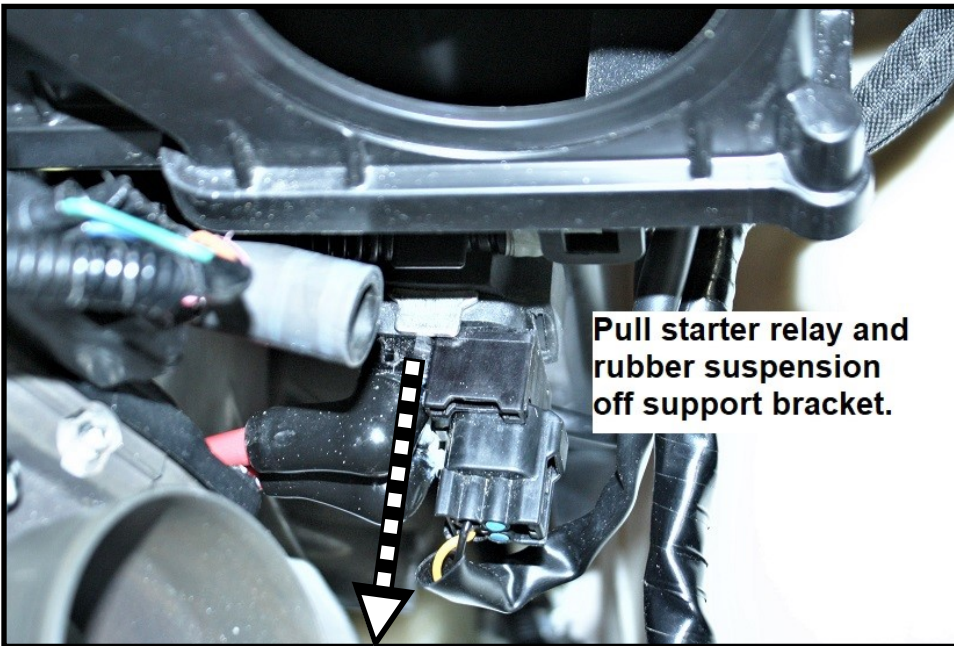


Figure 1



Remove starter relay with rubber suspension from airbox by pulling off of support bracket. **Note: Do not disconnect or unplug wiring.** (Figure 2)

Figure 2

Remove phillips head screws (6) retaining fuse block and electrical components on front of airbox. Allow relays and fuse block to hang from harness. (Figure 3)

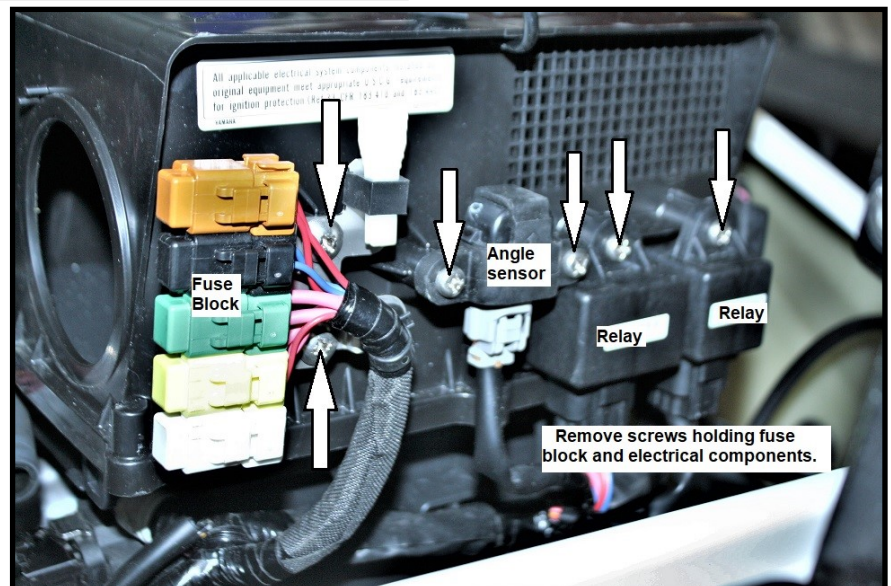
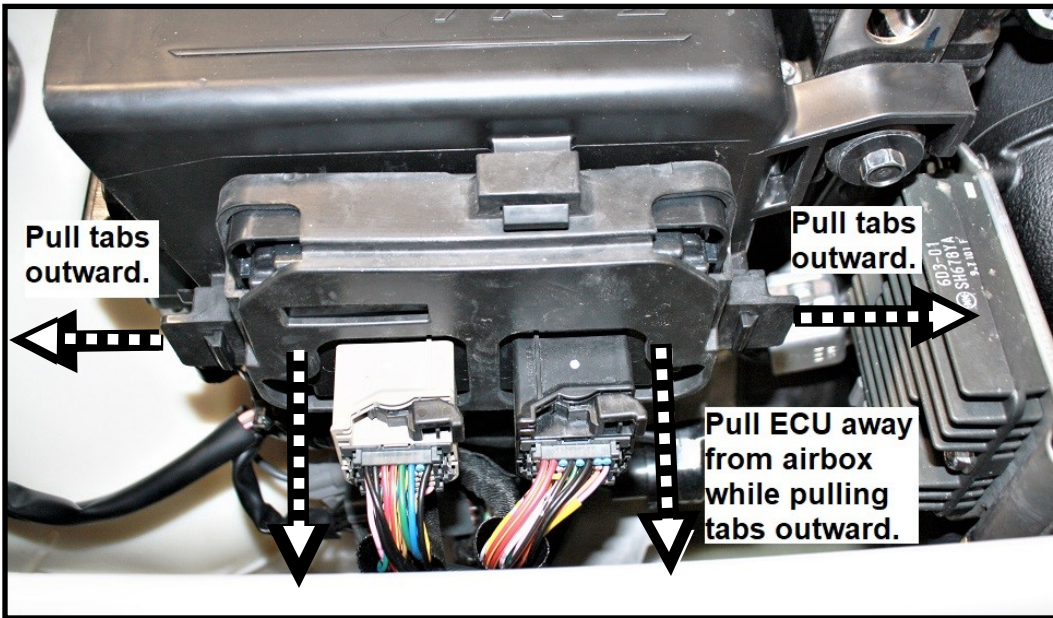


Figure 3

DISASSEMBLY



On left side of airbox, pull out on tabs of ECU rubber suspension. Pull ECU away from airbox and off mounting tabs. (Figure 4)

Lower ECU and harness into hull. **Note: Do not unplug ECU from harness.**

Figure 4

Remove bolts (2), one each side, holding top rear of airbox to engine. **Note: Hold lift tabs while removing bolts to keep them from dropping into engine compartment.** (Figure 5)

Set lift tabs aside for re-use.

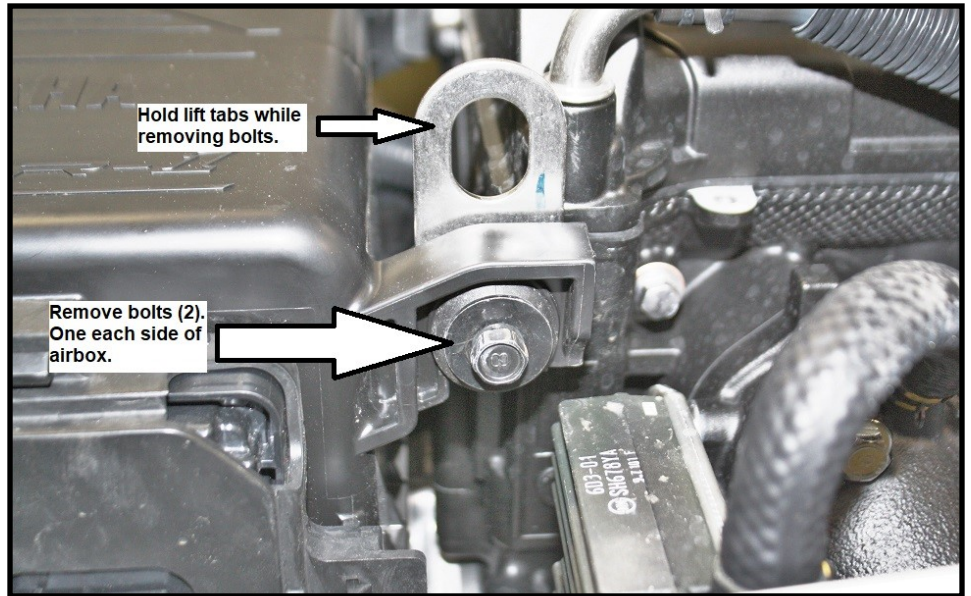
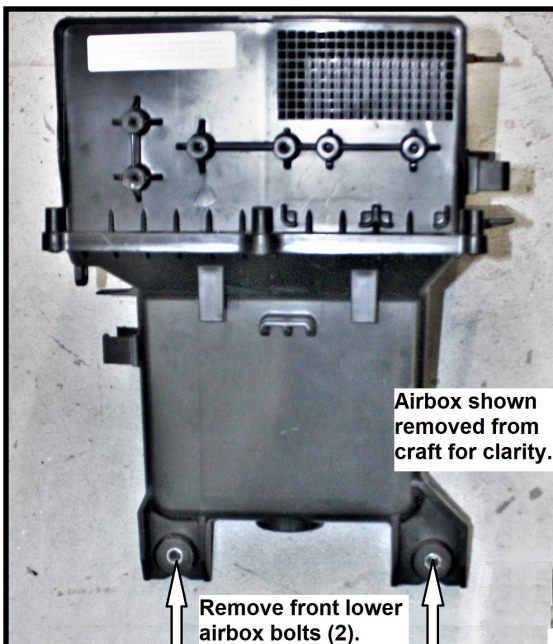


Figure 5



Remove bolts (2) at bottom front of airbox. (Figure 6)

Remove airbox from craft.

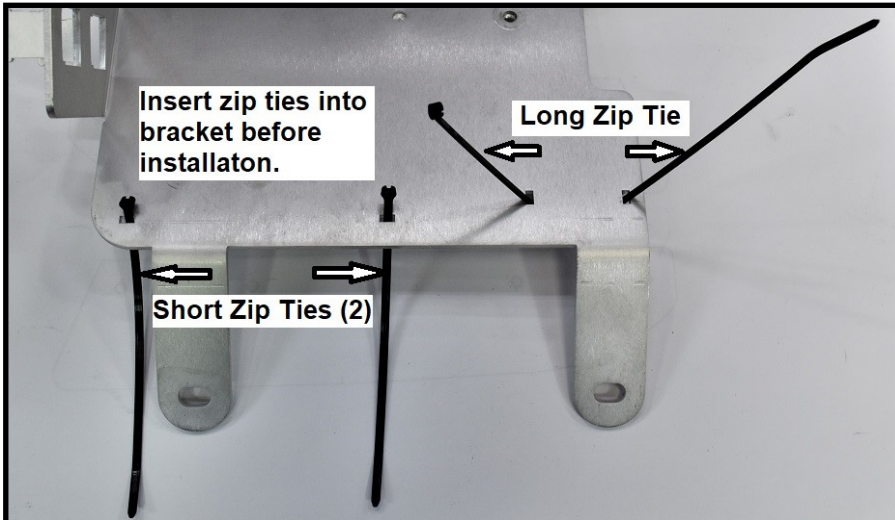
Figure 6

Installation

Using 2 each supplied 1/4"-20 x 1/2" HHCS, and 1/4" lock washers, install supplied catch can onto supplied electrical bracket. (Figure 7) **Notes: Apply red Loctite to bolt threads. Do not over-tighten bolts.**



Figure 7



Insert supplied 5.5" (2) and 13" (1) zip ties into electrical bracket in locations shown. (Figure 8)

Figure 8

Install electrical bracket into same location as OEM air box. Loosely attach bottom of bracket to engine with 2 each supplied M8 x 20 hex head bolts, flat washers, and lock washers. (Figure 9) **Notes: Apply red Loctite to bolt threads. Do not tighten bolts yet.**

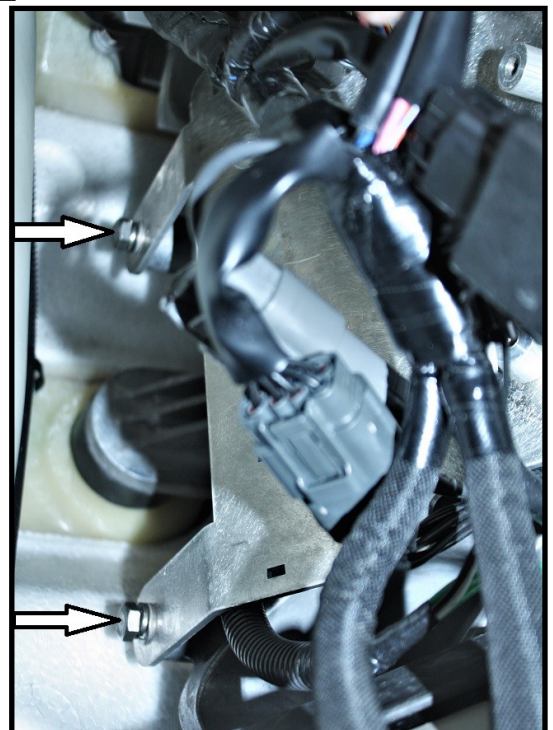


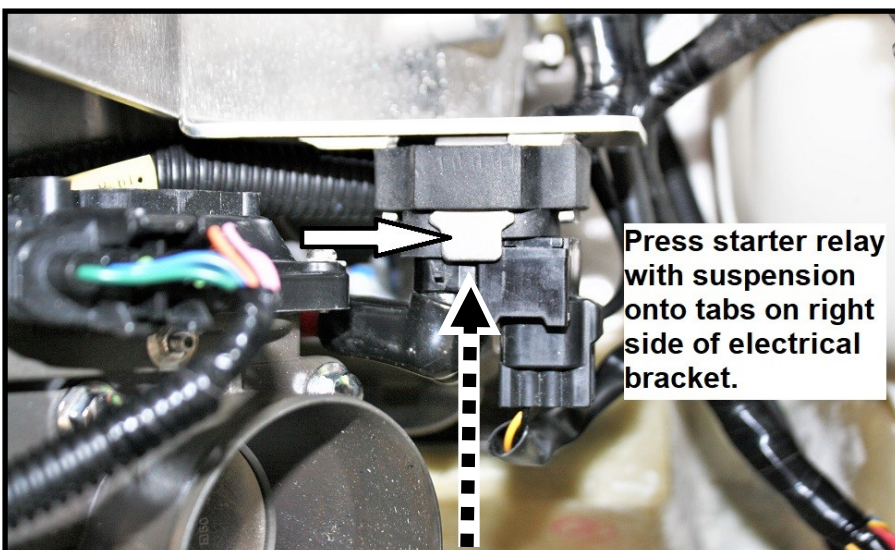
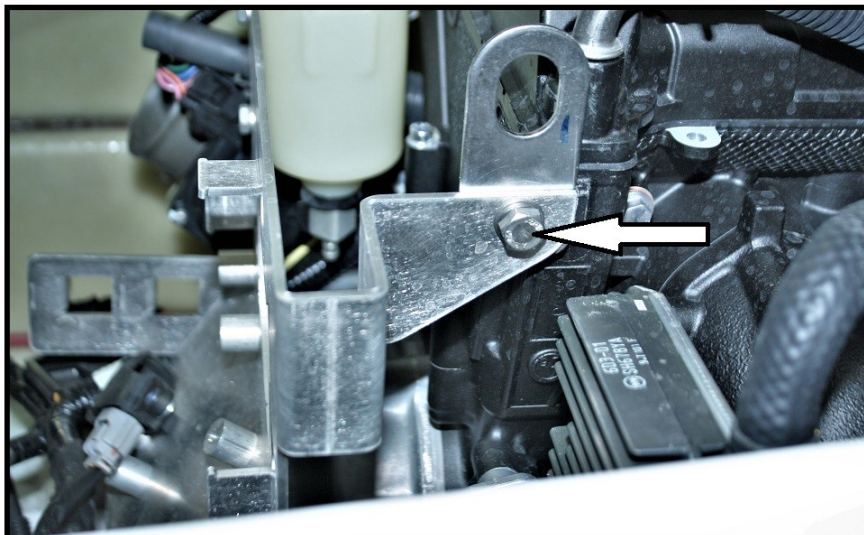
Figure 9

Installation

Attach top of bracket to engine with 2 each supplied M8 x 20 HHCS, flat washers, and lock washers. Top bolts also hold engine lift tabs. Install lift tabs between engine and electrical mount bracket. (Figure 10) **Note: Apply red Loctite to bolt threads.**

Tighten top and bottom bracket bolts to 15 ft•lb (20 N•m).

Figure 10



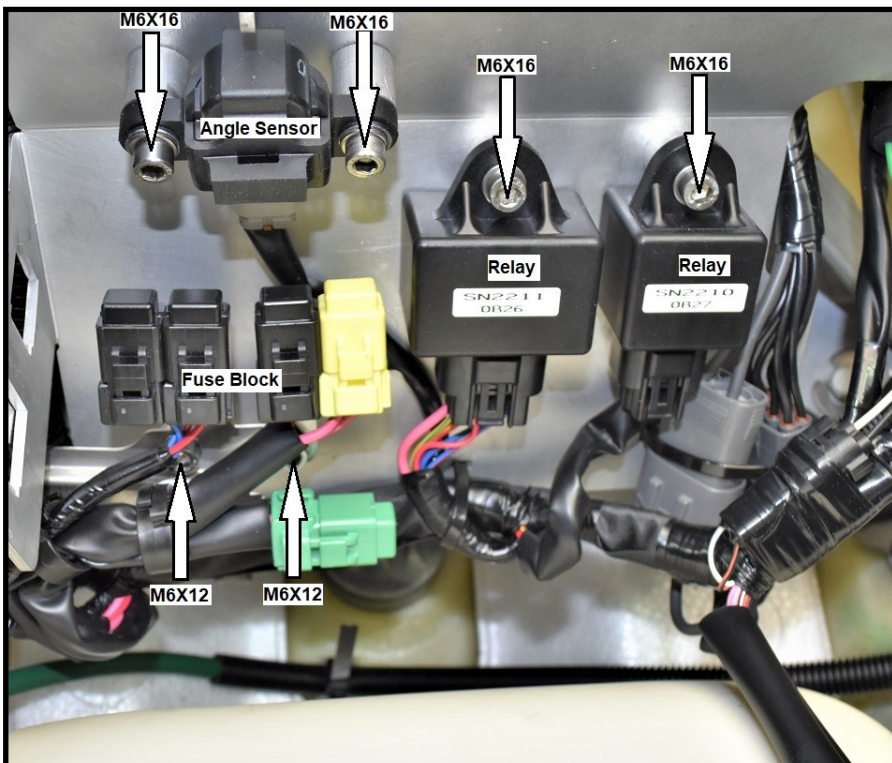
Press starter relay with rubber suspension onto tabs on right side of electrical bracket. (Figure 11) **Note: Do not twist harness or cables.**

Figure 11

Using 2 each supplied M6 x 12 SHCS and M6 flat washers attach fuse block to bosses on left front of electrical bracket. (Figure 12) **Notes: Tighten by hand. Do not overtighten bolts. Apply red Loctite to threads. Do not twist harness.**

Using 4 each supplied M6 X 16 SHCS and M6 flat washers attach angle sensor and relays to bosses on front of electrical bracket. (Figure 12) **Notes: Tighten by hand. Do not overtighten bolts. Apply red Loctite to threads. Do not twist harness.**

Figure 12



Installation

Press ECU with suspension onto tabs at top front of electrical bracket. (Figure 13)

Note: Do not twist harness.

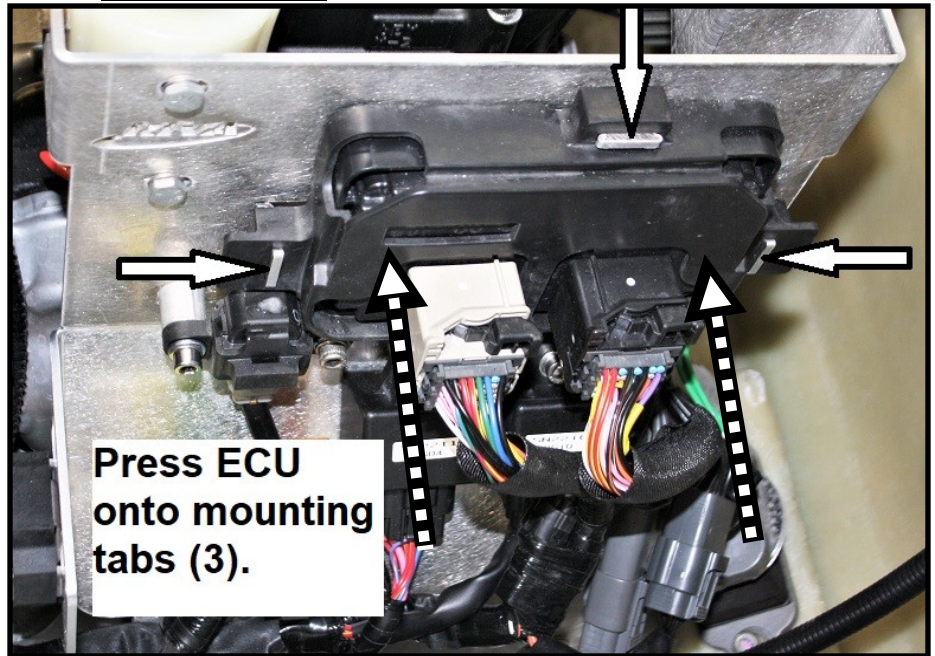
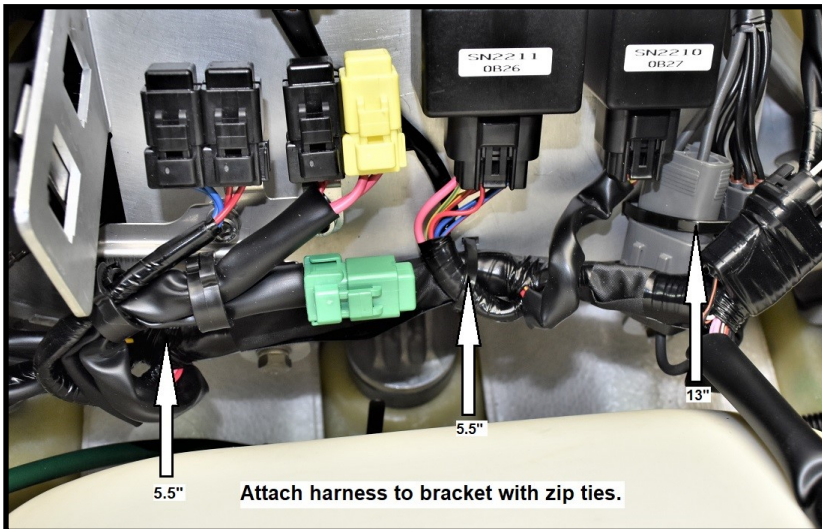


Figure 13



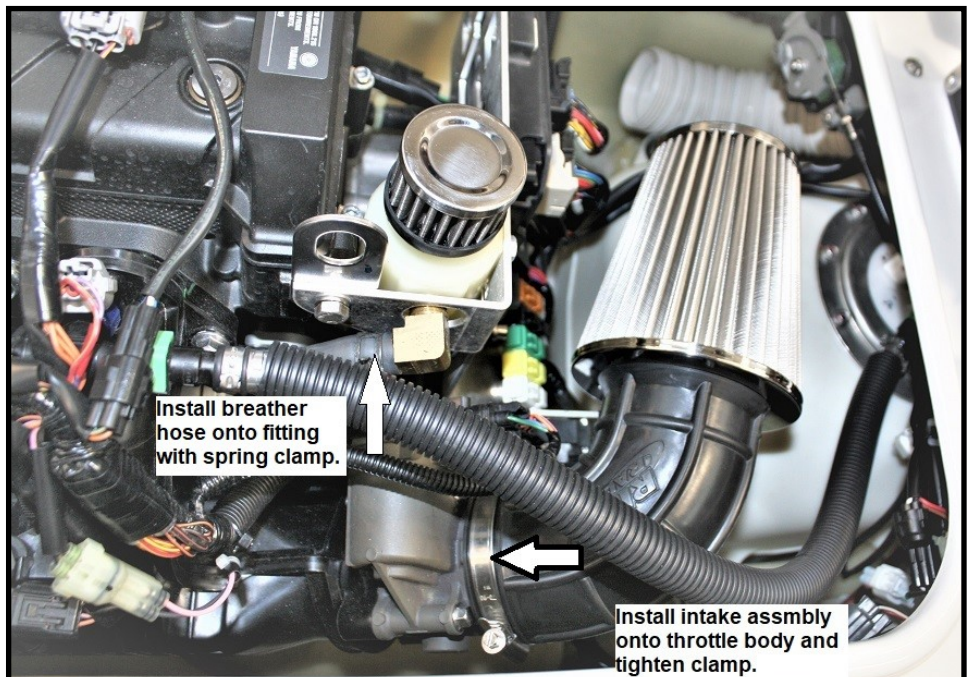
Secure harness to bracket using previously installed zip-ties. (Figure 14)

Figure 14

Install breather hose onto catch can fitting. Squeeze clamp and slide into place on hose over fitting. (Figure 15)

Install supplied intake assembly onto throttle body as shown. Tighten clamp. (Figure 15) **Notes: Lubricate intake tube and throttle body with foaming glass cleaner to ease installation. Do not overtighten clamp.**

Check bilge for tools, rags, etc. Run craft on a flush kit to check for proper operation. Reinstall engine compartment cover.



***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.