



RIVA RACING

PERFORMANCE PRODUCTS & ACCESSORIES

Power Filter Kit **PART# - RS13100-1**

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 clamps, hoses and hardware removed in the disassembly process will be used in the installation process. These instructions have been written in point form and refer to illustrations. Please follow these step-by-step instructions and illustrations carefully.

NOTE: This kit requires the use of our **Oil Catch Can/Engine Breather Kit** (part# RS19050-BCC). It will be installed after completing Power Filter Kit installation.

APPLICATION(S): Sea-Doo RXT-X 260 (non-Suspension)

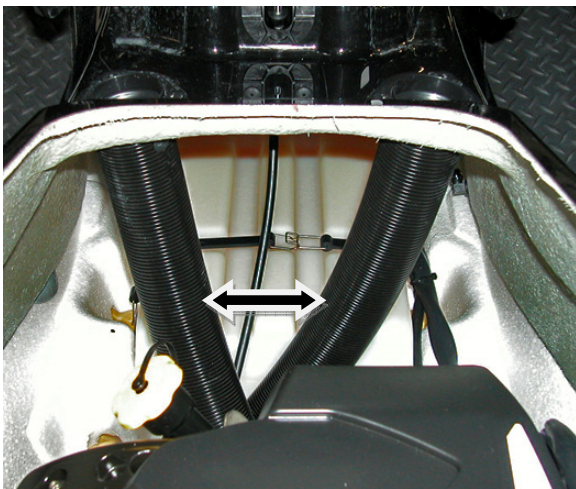
***** ALLOW ENGINE TO COOL COMPLETELY BEFORE PERFORMING INSTALLATION *****

- INSTALLATION INSTRUCTIONS -

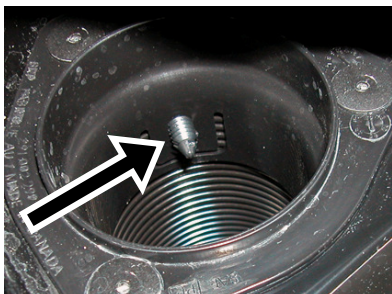
2011 & Newer Models: Proceed to page 3

2010 Models:

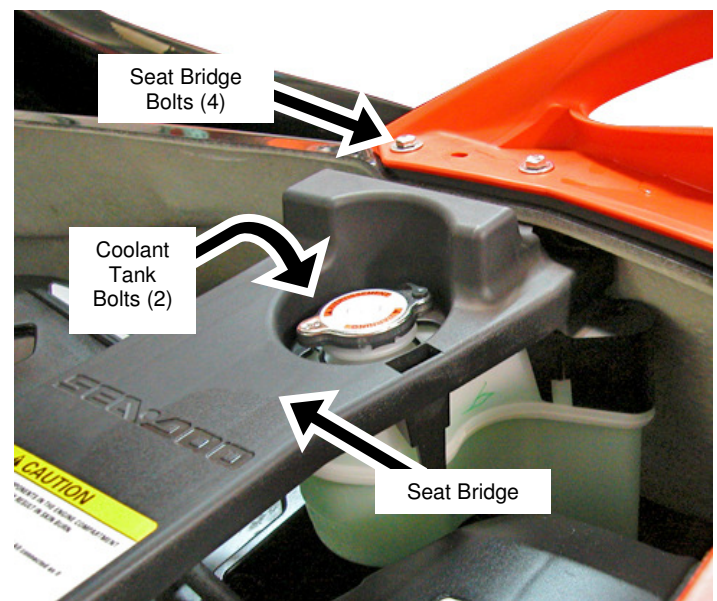
Remove vent tubes (2) in front of engine.



NOTE: Each tube has one pin securing tube to inlet at opening in hull.

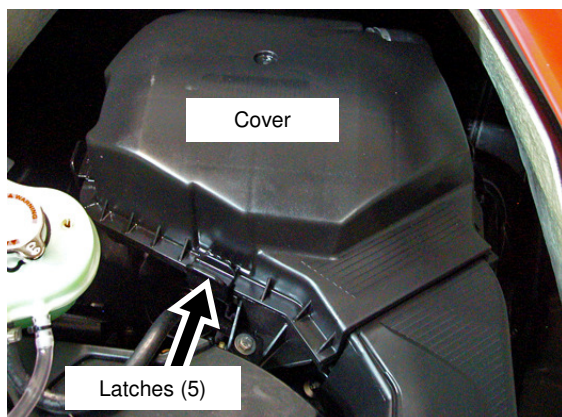


Remove bolts (2) securing engine coolant overflow tank to seat bridge. Remove bolts (4) securing seat bridge to hull.

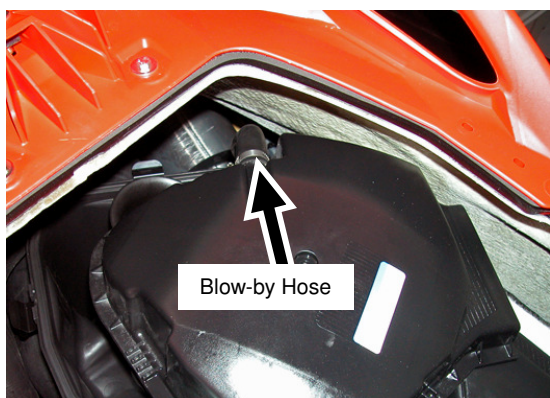


Remove seat bridge from hull and set aside. Take care not to allow engine coolant tank to tip over during installation process.

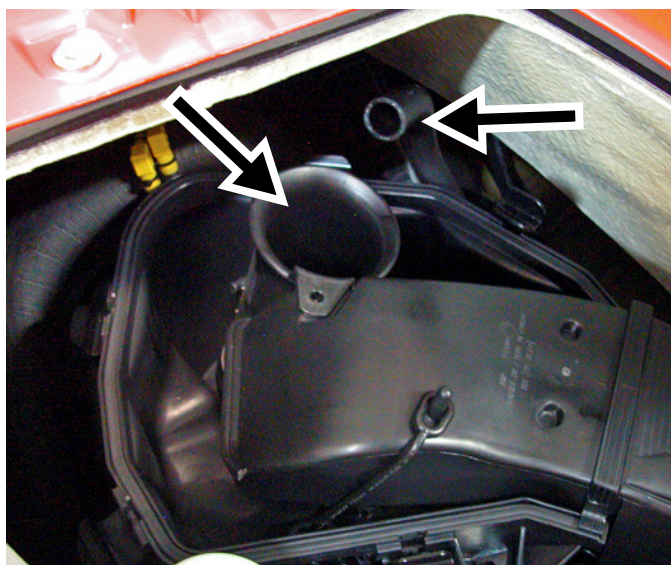
Release latches (5) securing air intake silencer cover.



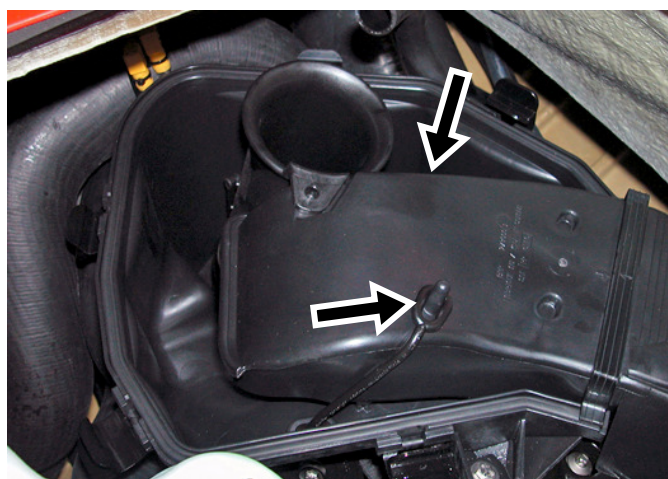
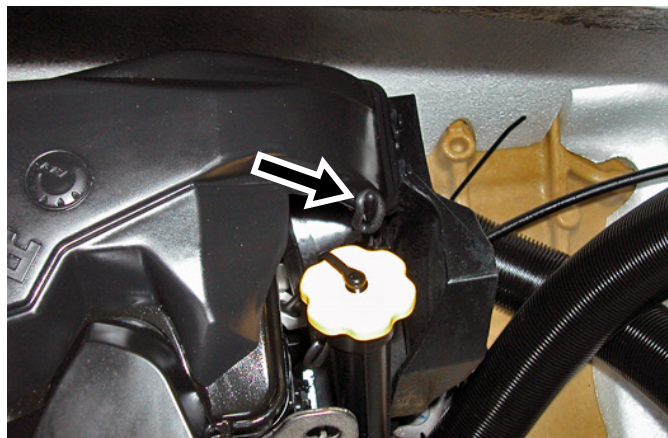
Lift cover and pull forward to gain access to blow-by hose. Remove hose. Discard lid.



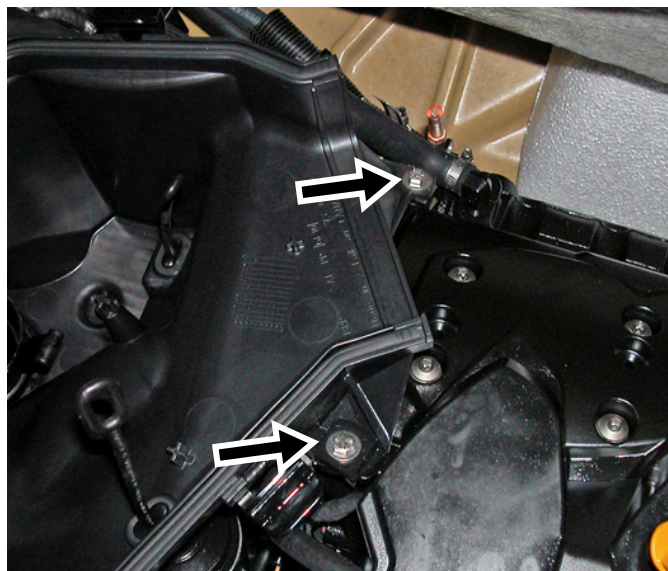
Remove air intake silencer baffle (pull up) and Blow-by Hose. Discard both.



Remove rubber straps (3) securing air intake tube. Remove air intake tube and discard.

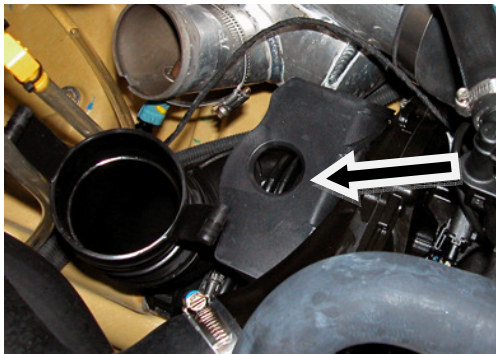


Remove bolts (2) securing air intake silencer to motor.

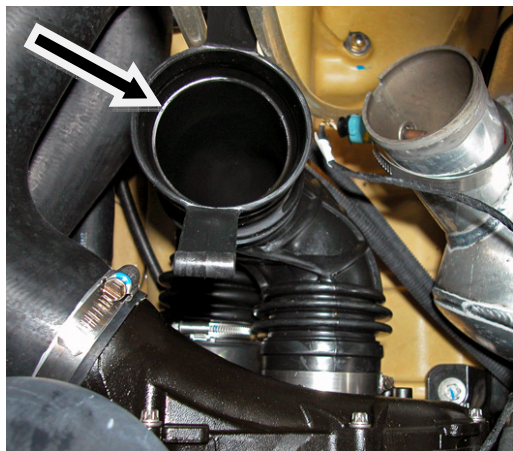


Inside air intake silencer squeeze outlet hose together. Remove air intake silencer by lifting up. Discard.

Remove air intake silencer support from supercharger housing (3 bolts) and discard.

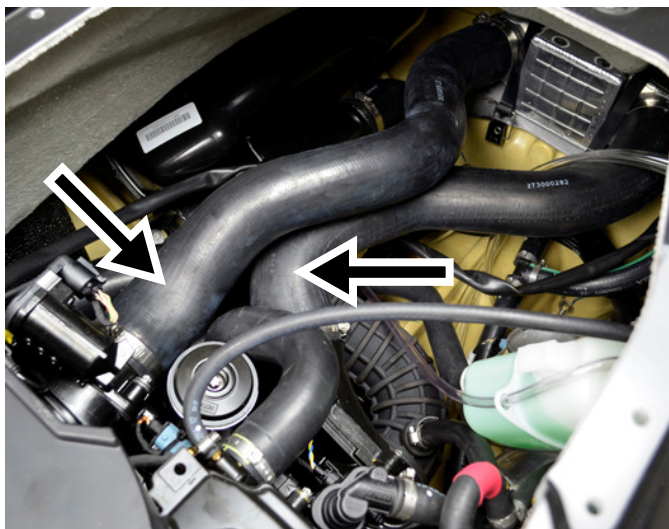


Remove supercharger inlet hose (1 clamp) and discard.

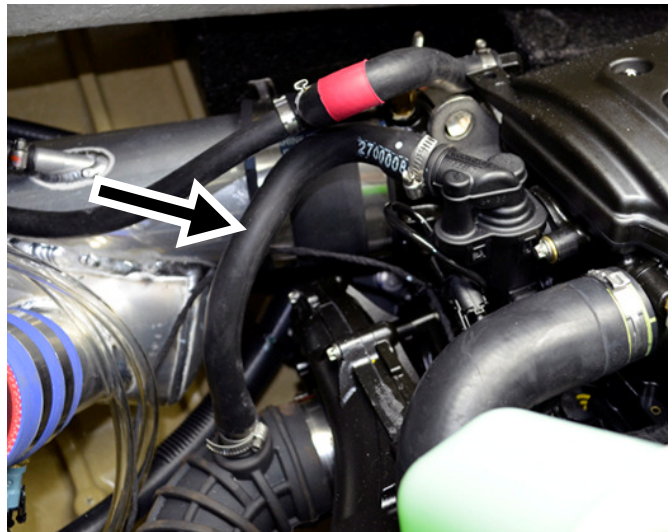


2011 & Newer Models:

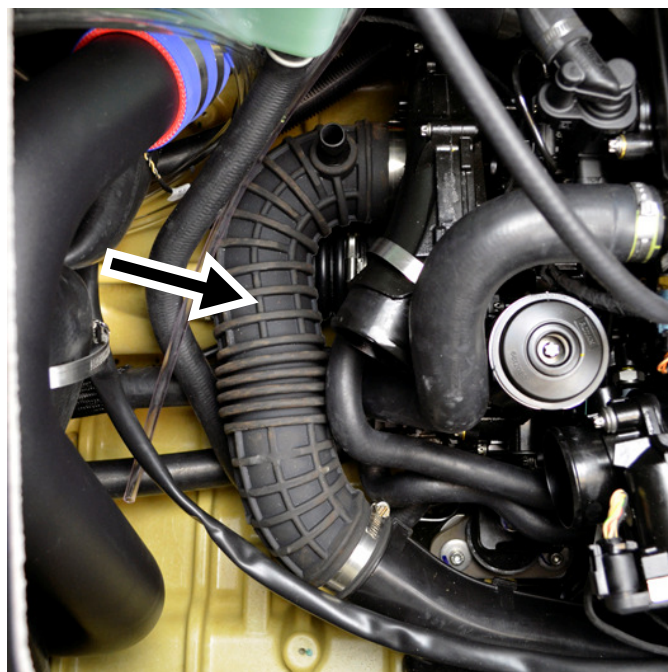
Disconnect hoses from supercharger outlet and throttle body inlet. Fold back and out of the way.



Remove hose between engine breather and stock air intake tubing.



Remove supercharger air inlet hose and discard.



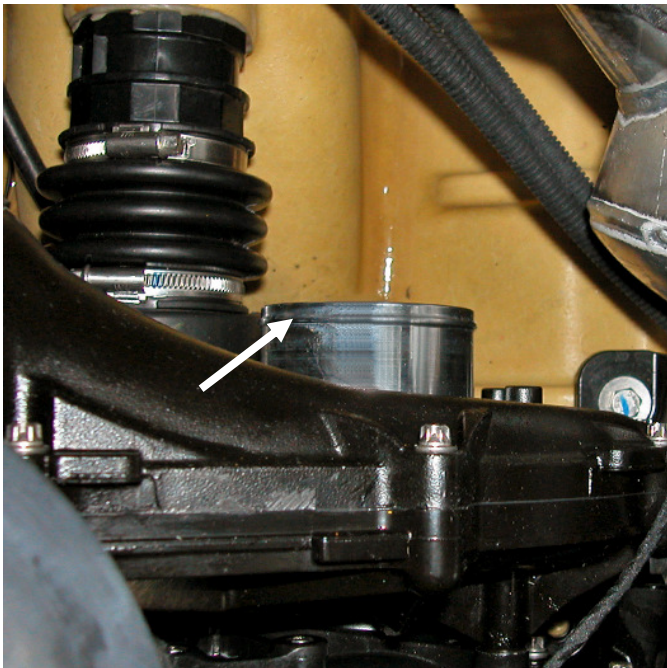
At front right side of engine loosen clamp securing plastic air intake runner to air box.



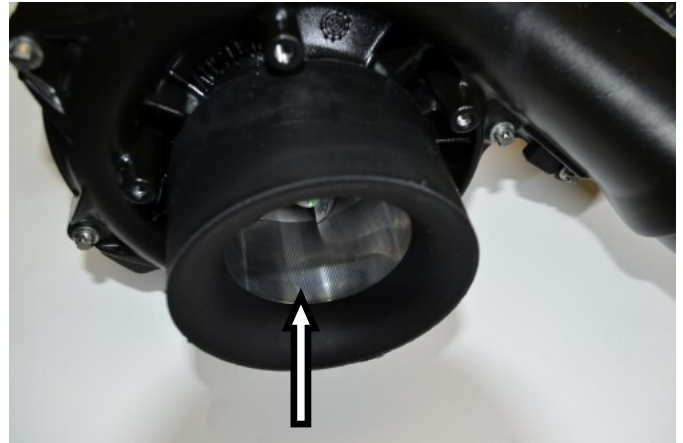
Remove plastic air intake runner through rear of engine compartment and discard.

ALL Year Models:

Inside of black plastic velocity stack has a groove. When properly installed this groove will fit over the ridge on the supercharger inlet.

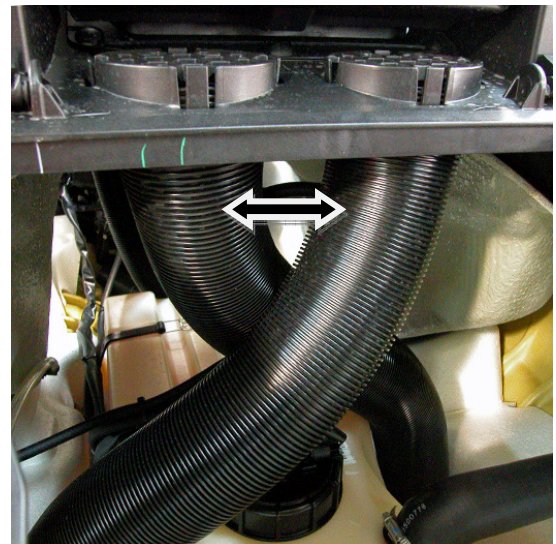


Lubricate inside of black plastic velocity stack and outside of supercharger inlet with glass cleaner. Push black plastic velocity stack firmly onto supercharger inlet until fully seated.



Open front storage hatch. Remove storage bin.

Remove vent tubes (2).

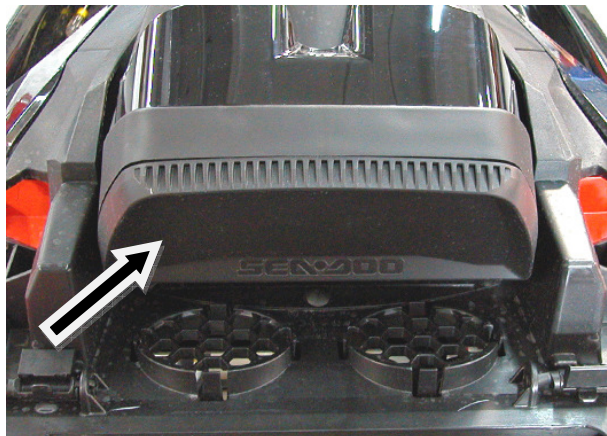


2011 & Newer Models:

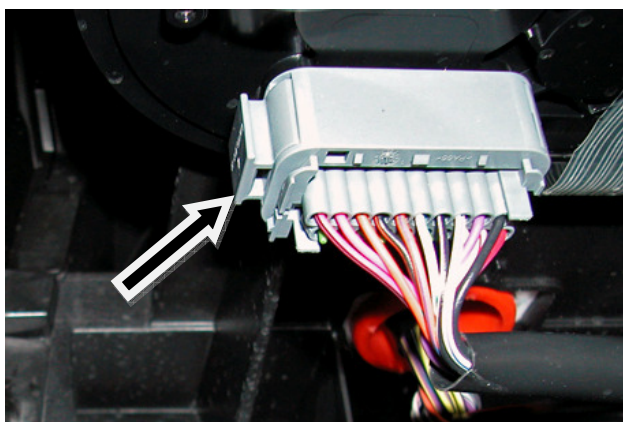
Remove stock air box. See instructions supplied with Tank Strap Upgrade Kit (part# RS13100-TSUK).

ALL Year Models:

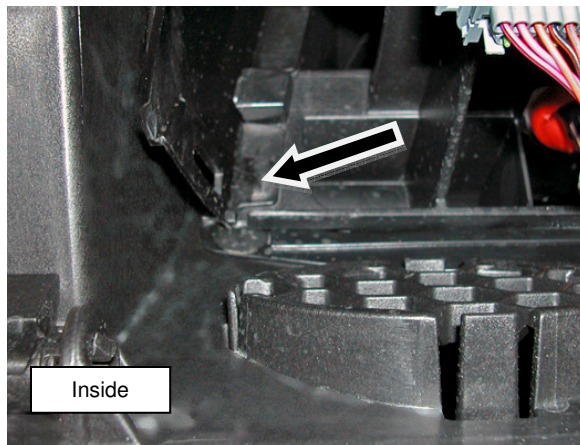
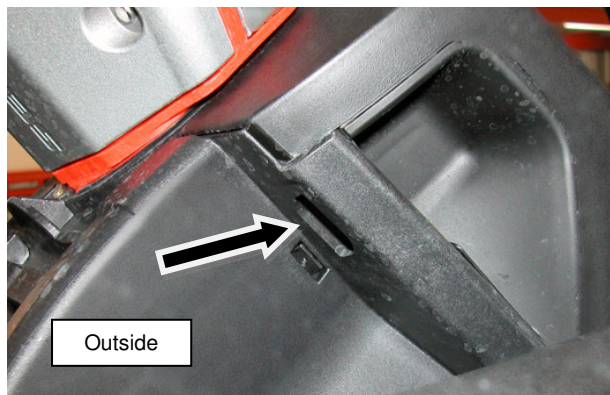
Above forward vent tube inlets remove gauge support backing by *carefully* prying top edge down and out.



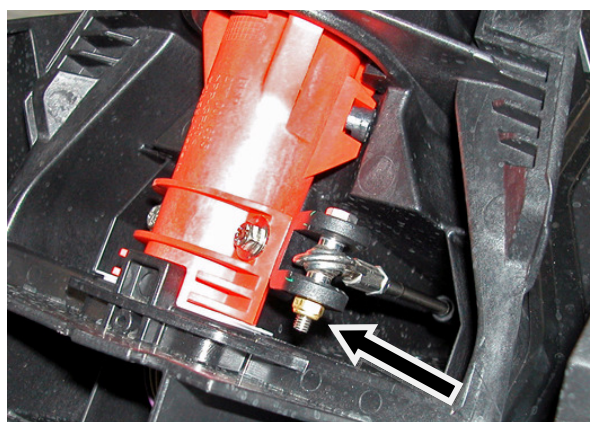
Disconnect gauge electrical connector by pulling out locking tab. **Do not pry or pull connector.**



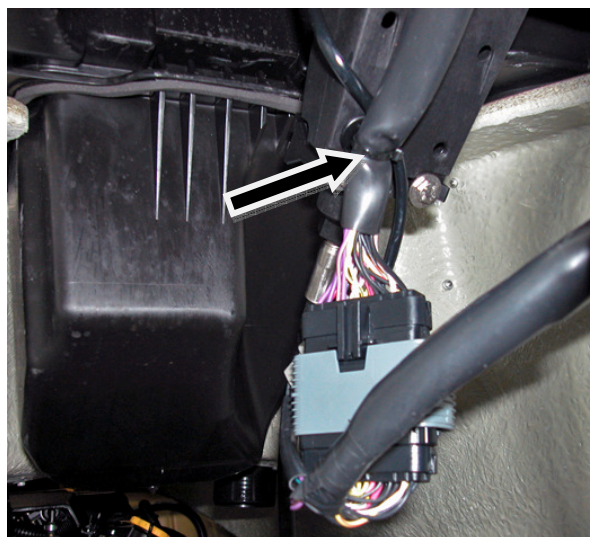
Remove gauge support by unclipping locking tabs on each side (2 outside/2 inside) and set aside.



Remove bolt securing steering cable to steering arm.



Inside hull under steering column locate steering cable support arm. Cut zip tie securing electrical wiring.



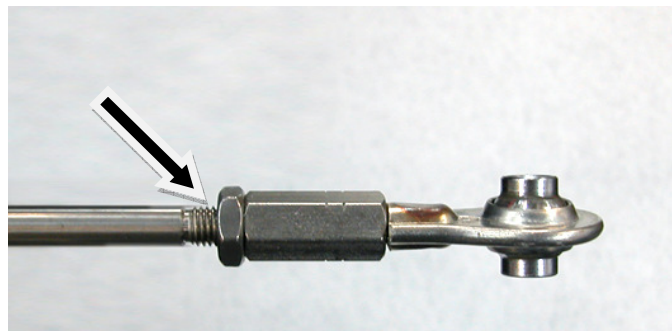
Remove bolts (2) securing steering cable adjustment nut.



Lift steering cable up and away from support to remove locking collar.

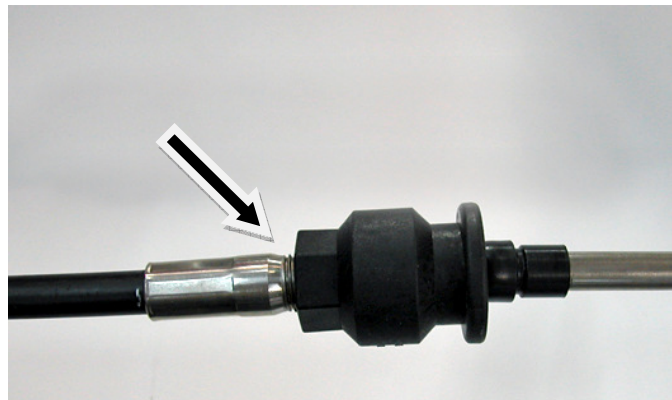
From engine compartment pull steering cable back until end extends outside of hull.

Remove steering cable end.



IMPORTANT: Note location of jam nut on cable.

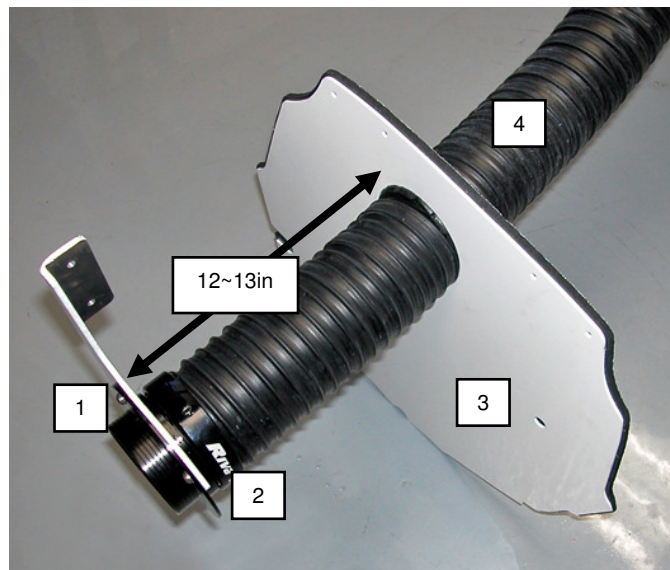
Remove steering cable adjustment nut.



IMPORTANT: Note location of adjustment nut on cable.

Pre-assemble air intake system using the following supplied components:

- Filter/Duct Support - 1
- Billet Band Clamp - 2
- Thermal Bulkhead - 3
- Ducting - 4

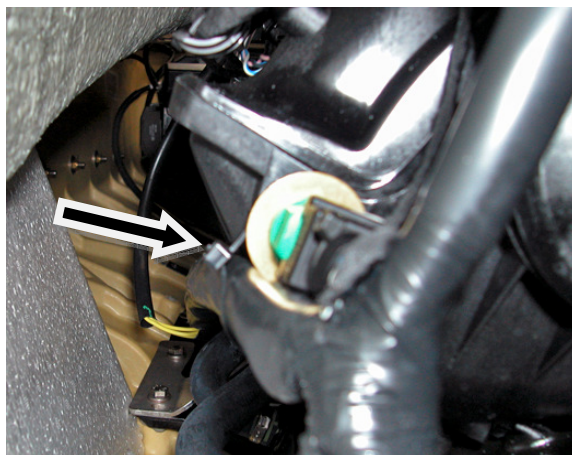


Spray glass cleaner on outside of ducting and in large opening at center of thermal bulkhead. Insert ducting through opening on silver side until 12~13in of ducting extends beyond white side of thermal bulkhead. **TIP:** Twist ducting as you push it through bulkhead.

Install billet band clamp onto end of ducting. **NOTE:** Inside of clamp is threaded. Twist onto ducting until edge is flush with end of ducting. **TIP:** Spray glass cleaner onto outside of ducting to ease installation.

Spray glass cleaner into end of ducting and onto Filter/Duct Support flange. Install end of ducting onto billet flange as shown above. Secure by tightening bolt on billet band clamp. **NOTE: Do not over tighten bolt.**

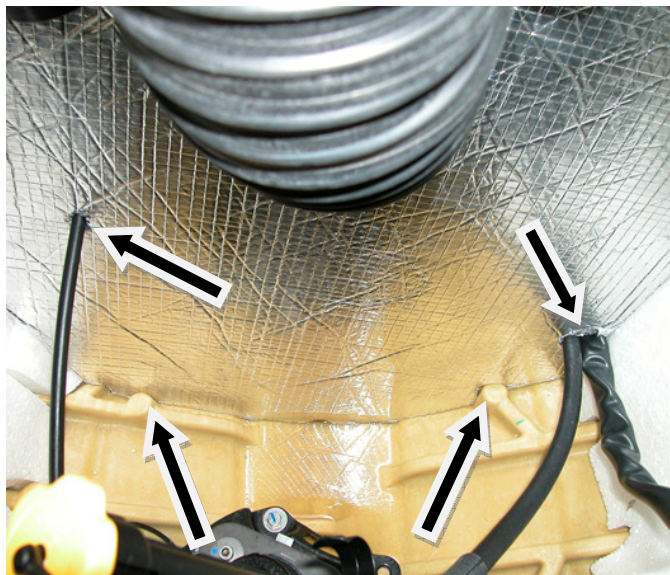
At front right side of engine remove zip tie holding wiring harness to MAP sensor on intake manifold.



Remove flat head screws (2) from Filter/Duct Support. Place end of ducting with Filter/Duct Support into engine compartment and rest on top of fuel tank.

Carefully bend thermal bulkhead and guide down into engine compartment. Place wiring harness and fuel hose into cut out at lower right edge (see below). It may be necessary to cut zip tie securing wiring and hose to hull.

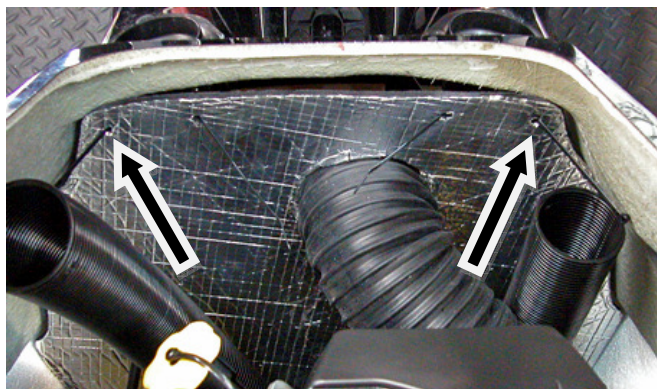
Place cut outs at bottom edge of thermal bulkhead over hull reinforcement ribs as shown below. **NOTE: Placement of bottom edge is critical.**



Feed steering cable through small hole at left side of thermal bulkhead.

Replace engine compartment ventilation tubes into zip ties in front of engine at bottom of hull.

Install supplied zip ties (2) into holes at top edge of thermal bulkhead. **NOTE:** Thread into first hole from silver side and then back through from white side.



Place top edge of thermal bulkhead forward of engine compartment air inlets by carefully bending top of thermal bulkhead back towards engine. Once in place thermal bulkhead will be rest in place vertically.

Install ventilation tubes onto air inlet flanges. Replace push pins that hold tubes in place on air inlet flanges.

Secure top of thermal bulkhead in place by wrapping zip ties around ventilation tubes.



Feed long end of ducting into hull at front of engine; along right side of craft; under intake manifold; around back of engine. Pull open end of ducting past intake manifold and up out of engine compartment.

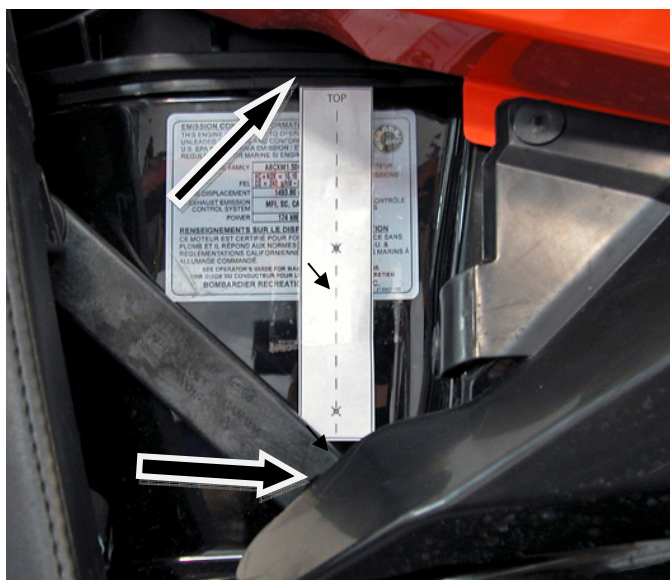


Install supplied billet band clamp onto end of ducting.
NOTE: Inside of clamp is threaded. Twist onto ducting until edge is flush with end of ducting. **TIP:** Spray glass cleaner onto outside of ducting to ease installation.

Spray glass cleaner into ducting and onto tapered plastic flange on supercharger inlet. Install ducting onto tapered plastic flange completely. Secure by tightening bolt on billet band clamp. **NOTE: Do not over tighten bolt.**



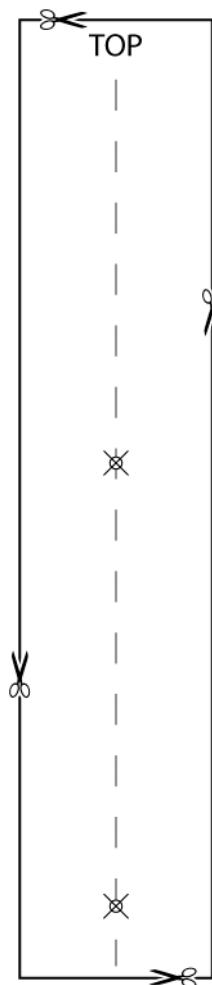
On right side of craft at seat pivot point install supplied template.



NOTE: Align template vertically with bolt for seat bracket hinge. Top of template is placed flush against edge where hull and glove box meet.

Drill small pilot holes where you see the X's (2) on the vertical dashed line. Remove template.

Cut out template →



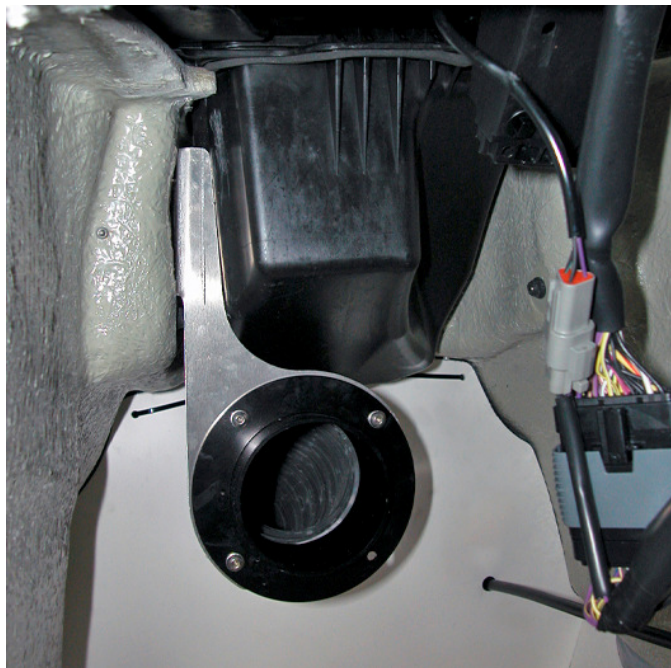
Enlarge holes to accommodate supplied flat head screws (2). Countersink holes to allow head of screws to sit flush with hull.



TIP: Countersink holes a little at a time verifying depth with supplied flat head screws.

Thoroughly clean inside and outside of hull with a shop vac.

Secure Filter/Duct Support to right side of hull using supplied flat head screws (2). It may be necessary to loosen band clamp to rotate support so it lines up with hull at mounting location.

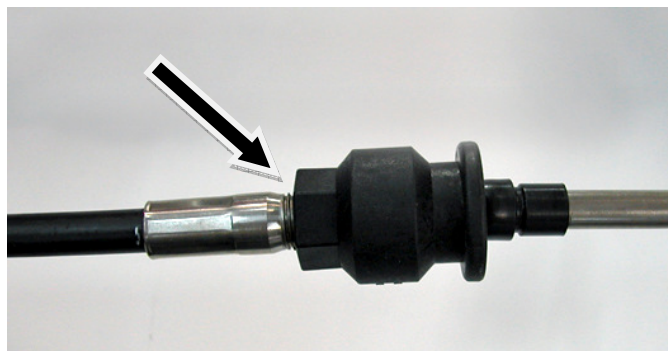


NOTE: Filter/Duct Support is threaded. Apply red Loc-tite to screws. Do not over tighten.

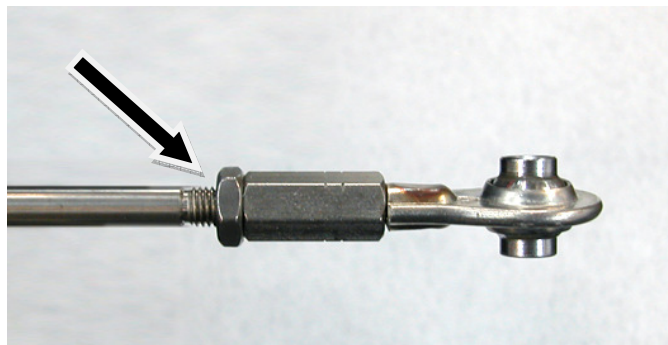
Install supplied pre-filter element onto supplied Power Filter. Install Power Filter onto Filter/Duct Support flange and secure. **NOTE:** Ensure Power Filter is installed onto billet flange completely. Do not over tighten clamp.



Replace steering cable adjustment nut. **NOTE:** Make sure nut is adjusted to same distance as before it was removed.



Replace steering cable end. **NOTE:** Make sure jam nut is set to same distance as before it was removed. Check alignment with steering arm to prevent binding.



Replace steering cable in reverse order of removal.
NOTE: Do not over tighten bolts.

Replace forward ventilation tubes. Make sure both ends are secured properly.

Replace seat bridge and engine coolant overflow tank.

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

***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@rivamotorsports.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.