



INSTALLATION

VELOCIRAPTOR AIR CLEANER KIT

9513

PARTS INCLUDED

- 1 Velociraptor Air Cleaner Assembly
- 1 Round Air Filter
- 1 Adapter/Breather Kit Containing:
 - 2 90 Degree Hose Fittings
 - 6 Cable Ties
 - 3 1/4"-20 x 5/8" Socket Head Cap Screws
 - 1 Adapter Ring
 - 1 O-Ring for Adapter
 - 1 Gasket with Adhesive
 - 2 Breather Hoses
 - 2 Breather Bolts
 - 3 1/4-20 x 7/8" Socket Head Cap Screws
- 1 Installation Instructions

Please read and understand entire instructions before starting installation.

THANK YOU FOR CHOOSING KÜRYAKYN!

IN ORDER TO PROTECT YOU AND OTHERS FROM POSSIBLE INJURY AND/OR PROPERTY DAMAGE OR LOSS, PLEASE PAY CLOSE ATTENTION TO ALL INSTRUCTIONS, WARNINGS, CAUTIONS AND NOTICES REGARDING THE USE AND CARE OF THIS PRODUCT.

WARNING

THIS INDICATION ALERTS YOU TO THE FACT THAT IGNORING THE CONTENTS DESCRIBED HEREIN CAN RESULT IN POTENTIAL DEATH OR SERIOUS INJURY.

NOTICE

This indication alerts you to the fact that ignoring the contents described herein may negatively affect product performance and functionality.

NOTICE

IF INSTALLING THIS PRODUCT FOR ANOTHER PARTY, PLEASE MAKE SURE THEY RECEIVE THIS COPY OF THE INSTALLATION INSTRUCTIONS SO THEY ARE AWARE OF THE IMPORTANT INFORMATION CONTAINED IN THEM.

TOOLS SUGGESTED

Set of Hex Wrenches, Set of Combination Wrenches, Side Cutter

STRICTLY OBSERVE THE FOLLOWING GUIDELINES IN ORDER TO USE THE PRODUCT PROPERLY AND AVOID POTENTIALLY DANGEROUS ACCIDENTS.

STEP 1

Read and understand all steps in the instructions before starting the installation. Park the motorcycle on a hard, level surface and turn off the ignition. Let cool.

WARNING

YOU WILL BE WORKING AROUND THE ENGINE AND EXHAUST SYSTEM DURING INSTALLATION. ENSURE THAT THE ENGINE AND EXHAUST SYSTEM HAVE FULLY COOLED TO PREVENT INJURY.

CUSTOMER SERVICE

877.370.3604 (toll free)

INSTALLATION QUESTIONS

techsupport@kuryakyn.com
or call 715.247.2983

LIMITED WARRANTY

Küryakyn warrants that any Küryakyn products sold hereunder, shall be free of defects in materials and workmanship for a period of one (1) year from the date of purchase by the consumer excepting the following provisions:

- Küryakyn shall have no obligation in the event the customer is unable to provide a receipt showing the date the customer purchased the product(s).
- The product must be properly installed, maintained and operated under normal conditions.
- Küryakyn makes no warranty, expressed or implied, with respect to any gold plated products.
- Küryakyn shall not be liable for any consequential and incidental damages, including labor and paint, resulting from failure of a Küryakyn product, failure to deliver, delay in delivery, delivery in nonconforming condition, or for any breach of contract or duty between Küryakyn and a customer.
- Küryakyn products are often intended for use in specific applications. Küryakyn makes no warranty if a Küryakyn product is used in applications other than intended.
- Küryakyn electrical products are warranted for one (1) year from the date of purchase by the consumer. L.E.D.'S contained in components of Küryakyn products will be warranted for defects in materials and workmanship for 3 years from the date of purchase where as all other components shall be warranted for one(1) year. This includes, but is not limited to; control modules, wiring, chrome & other components.
- Küryakyn makes no warranty of any kind in regard to other manufacturer's products distributed by Küryakyn. Küryakyn will pass on all warranties made by the manufacturer and where possible, will expedite the claim on behalf of the customer, but ultimately, responsibility for disposition of the warranty claim lies with the manufacturer.

ABOUT OUR CATALOG

For purchasing Küryakyn® products, you can receive a complete catalog free of charge.

Send the Proof-of-Purchase below with your address to: Küryakyn, P.O. Box 339, Somerset, WI 54025.

Please indicate either Accessories Catalog for Harley-Davidson® or GL & Metric Cruisers.

Be sure to ask your local dealer about other Küryakyn® products, the motorcycle parts and accessories designed for riders by riders.

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WARNING A FACTORY SERVICE MANUAL WILL BE HELPFUL IN PERFORMING THIS INSTALLATION. DO NOT ATTEMPT TO PERFORM THIS INSTALLATION IF YOU ARE NOT CONFIDENT IN YOUR ABILITY TO COMPLETE ALL OF THE STEPS IN THE PROCEDURE; CONSULT A TRAINED TECHNICIAN. IMPROPER INSTALLATION COULD RESULT IN SERIOUS INJURY OR DEATH.

NOTICE

Some of our high performance air cleaners extend beyond the stock/OEM unit to achieve smoother air flow and better performance. Riding position may be affected, so it is important to familiarize yourself with the new riding position.

NOTICE

Proper tuning is important. We recommend fuel injected bikes should be tuned with a TTS MasterTune tuning system (calibrations available at www.kuryakyn.com), or by an experienced tuner, on a dyno, with an exhaust gas analyzer. 2007 and later Harley Twin Cams run especially lean combined with retarded ignition timing. Lean conditions and/or retarded ignition timing will cause high exhaust temperatures and discolor chrome exhaust.

STEP 2 Remove the stock air cleaner so that the air intake is completely exposed.

STEP 3 Locate the gasket with adhesive. Remove the adhesive backing and apply the gasket to the flange of the throttle body, make sure you line up the holes of the gasket with those on the air intake. PIC 1

STEP 4 As shown in PIC 3, thread 2 of the 90 degree hose fittings in to the threaded holes on top of the aluminum adapter. The fittings should face the opposite direction of each other.

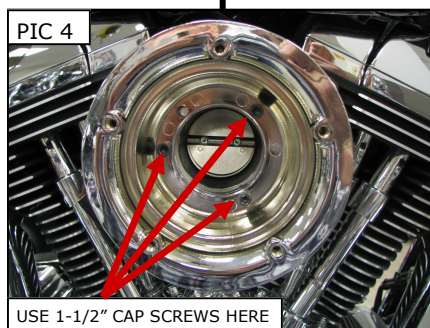
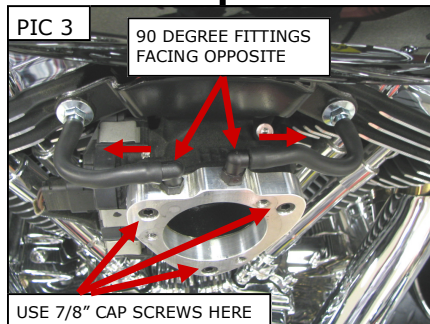
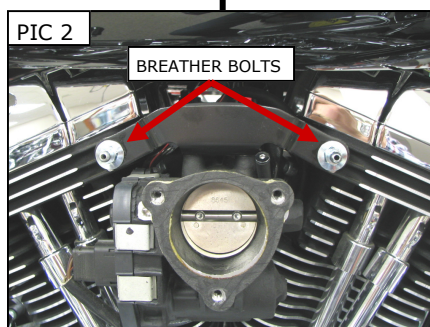
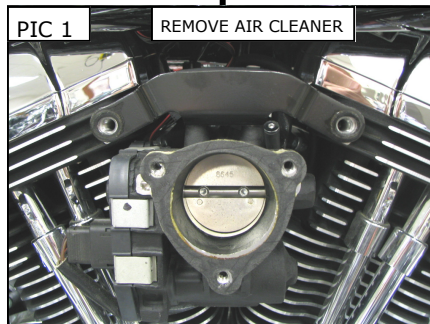
STEP 5 Install the included O-ring to the backside of the aluminum adapter. There is a channel cut where the O-ring will sit.

STEP 6 Mount the provided breather hoses to the hose fittings on the aluminum adapter, see PIC 3. Test fit the complete assembly to the throttle body flange, connecting the open ends of the hoses to the breather bolts installed in Step 3.

NOTE: It may be necessary to trim the hoses to length to get the best fit. Make sure that the hoses are not pinched or kinked.

STEP 7 As shown in PIC 3, attach the aluminum adapter assembly to the throttle body flange using the included 1/4"-20 x 7/8" Socket Head Cap Screws.

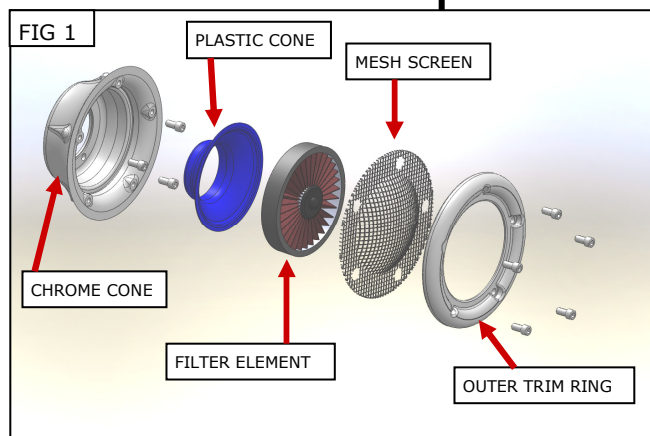
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STEP 8 Remove the backing from the included adhesive backed gasket and attach it to the breather adapter making sure the holes line up with the three threaded holes in the adapter.

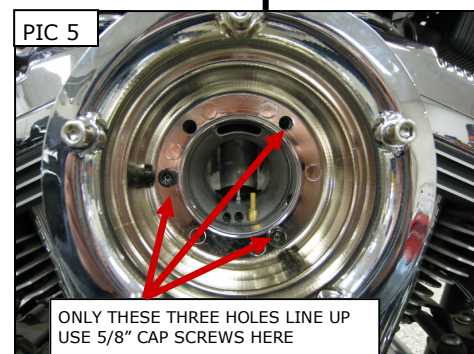
STEP 9 Completely disassemble the Velociraptor Assembly. Make note as to how it is assembled, it will help for reassembly. FIG 1

STEP 10 Locate the velocity stack (chrome cone) from the Velociraptor Assembly. Line the holes up from the velocity stack to the aluminum adapter assembly (only three of the holes will line up to the adapter). PIC 4 Secure using the three 1/4"-20 x 5/8" Socket Head Cap Screws.

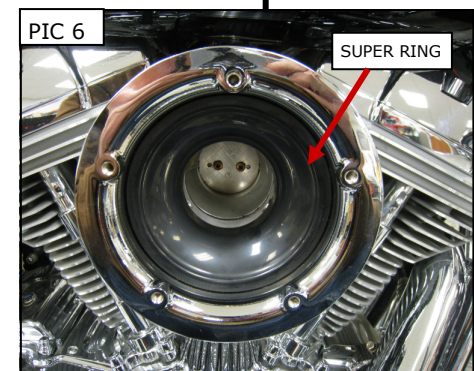


STEP 11 Snap the black Super Ring into place on the installed Velociraptor. Ensure it is securely snapped into place before continuing with the installation. PIC 6.

STEP 12 Place the filter into the Velociraptor, secure with the chrome Steel Mesh and the Outer Ring. Line up the holes in the Mesh with those of the Outer Ring, secure with five 1/4"-20 x 1/2" Socket Head Cap Screws.



STEP 13 **Double check the tightness of all related fasteners, check for hose clearance and check throttle for correct operation, making sure it returns properly, before starting bike.**



WARNING ROTATE THROTTLE AND CHECK THAT IT MOVES FREELY AND RETURNS TO CLOSED BEFORE STARTING BIKE. FAILURE OF THE THROTTLE TO RETURN COULD RESULT IN LOSS OF CONTROL CAUSING SERIOUS INJURY OR DEATH.

NOTICE It is the installer's responsibility to ensure that all of the fasteners (including pre-assembled) are tightened before operation of the motorcycle. Küryakyn will not provide warranty coverage on products or components lost due to improper installation or lack of maintenance. Periodic inspection and maintenance are required on all fasteners.