



INSTALLATION

BLACK VELOCIRAPTOR AIR CLEANER KIT

9880

THANK YOU FOR CHOOSING KÜRYAKYN!

PROTECT YOURSELF AND OTHERS FROM POSSIBLE INJURY AND/OR PROPERTY DAMAGE OR LOSS. PAY CLOSE ATTENTION TO ALL INSTRUCTIONS, WARNINGS, CAUTIONS, AND NOTICES REGARDING THE INSTALLATION, 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.

CAUTION

This indication alerts you to the fact that ignoring the contents described herein can result in minor or moderate potential injury.

NOTICE

This indication alerts you to the fact that ignoring the contents described herein may negatively affect product performance and functionality or damage the product itself or the product to which it is being attached.

MAKE SURE THE FOLLOWING PARTS HAVE BEEN INCLUDED IN THE KIT:

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

TOOLS SUGGESTED

Set of Hex Wrenches, Set of Combination Wrenches, Side Cutter, Loctite 242 (or equivalent) thread-locker

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.

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. Allow the engine and exhaust system to 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

Kuryakyn warrants that any Kuryakyn 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:

- Kuryakyn 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.
 - Kuryakyn makes no warranty, expressed or implied, with respect to any gold plated products.
 - Kuryakyn shall not be liable for any consequential and incidental damages, including labor and paint, resulting from failure of a Kuryakyn product, failure to deliver, delay in delivery, delivery in nonconforming condition, or for any breach of contract or duty between Kuryakyn and a customer.
- Kuryakyn products are often intended for use in specific applications. Kuryakyn makes no warranty if a Kuryakyn product is used in applications other than intended.
- Kuryakyn electrical products are warranted for one (1) year from the date of purchase by the consumer. L.E.D.'S contained in components of Kuryakyn 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.

- Kuryakyn makes no warranty of any kind in regard to other manufacturer's products distributed by Kuryakyn. Kuryakyn 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 Kuryakyn® products, you can receive a complete catalog free of charge. Send the Proof-of-Purchase below with your address to: Kuryakyn, 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 Kuryakyn® products, the motorcycle parts and accessories designed for riders by riders.

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kuryakyn.com

NOTICE

A factory service manual may 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.

STEP 2 Refer to **PIC 1**. Remove the existing air cleaner so that the induction module is completely exposed.

NOTICE

Refer to **PIC 1**. Ensure that the bike is equipped with an induction module bracket **BEFORE** installing the air cleaner. If not equipped, use **Kuryakyn P/N 9929 Chrome Twin Cam Intake Support Bracket** or HD P/N 27711-08 (both sold separately).

Apply **Loctite 242 (sold separately)** or equivalent thread locker to the **Breather Bolts**. Follow the manufacturer's recommendation for proper preparation and application.

STEP 3 Install the two included Breather Bolts as shown in **PIC 2**; leave them loose until both have been started in their threads. Tighten the Bolts.

STEP 4 Refer to **PIC 3**. Thread the two included 90 Degree Hose Fittings into the threaded holes on top of the included Aluminum Adapter Ring. The Fittings should face the opposite direction of each other.

STEP 5 Press the included O-Ring for Adapter into the groove in the backside of the Adapter Ring; ensure the O-Ring fully seats in the groove.

STEP 6 Refer to **PIC 3**. Mount the provided Breather Hoses to the Hose Fittings on the Adapter Ring.

Test fit the complete assembly on the induction module flange; connect 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 Refer to **PIC 3**. Attach the Adapter Ring to the induction module flange using the included 1/4"-20 x 7/8" Socket Head Cap Screws. Ensure the O-Ring remains in place on the backside.

STEP 8 Remove the backing from the included Gasket with Adhesive, align the three holes, and attach it to the Adapter Ring.

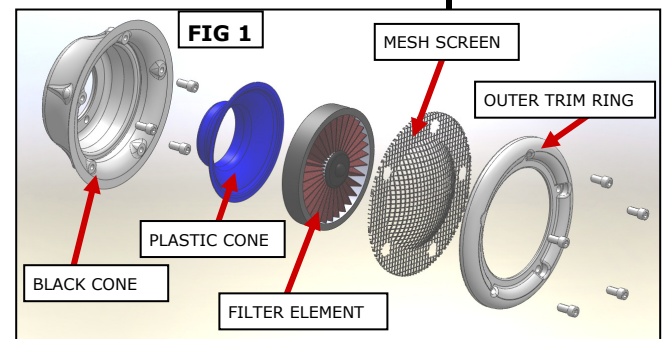
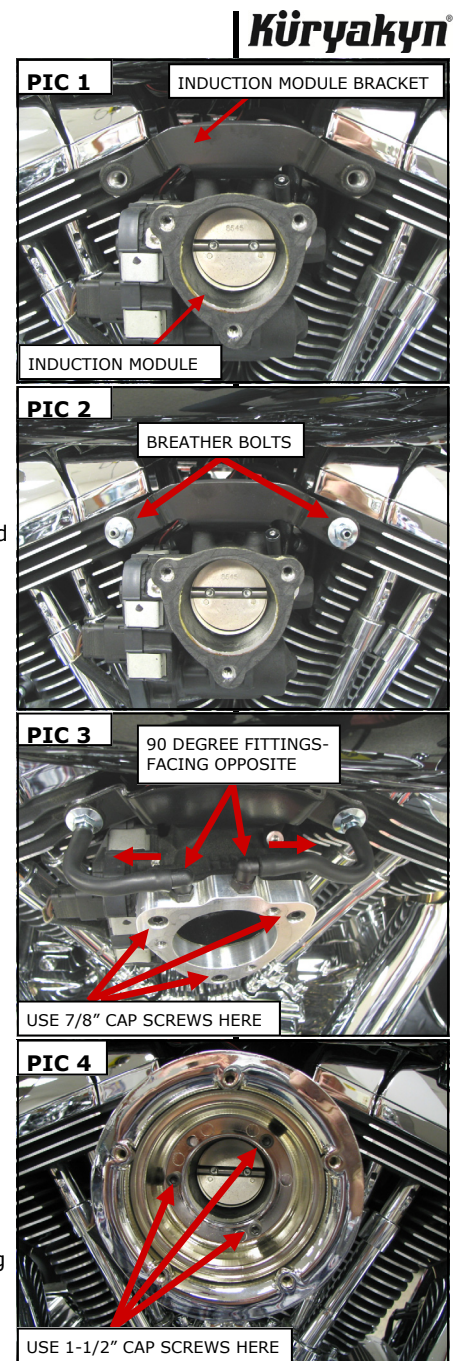
STEP 9 Refer to **FIG 1**. Completely disassemble the included Velociraptor Assembly. Note that it will be reassembled in reverse order.

STEP 10 Locate the Black Cone. Refer to **PIC 4**. Align the Black Cone with the Adapter Ring (only three of the holes will line up with the Adapter); secure it using the three included 1/4"-20 x 5/8" Socket Head Cap Screws.

STEP 11 Refer to **FIG 1**. Snap the Plastic Cone into place in the Black Cone. Ensure it is secure before continuing with the installation.

STEP 12 Refer to **FIG 1**. Place the Filter Element over the Plastic Cone; secure it with the Steel Mesh and the Outer Trim Ring. Align the holes in the Mesh, Outer Trim Ring, and Black Cone; secure the assembly with the five included 1/4"-20 x 1/2" Socket Head Cap Screws.

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



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-cont.- READ THE IMPORTANT **WARNING** AND NOTICES ON THE NEXT PAGE

BLACK VELOCIRAPTOR AIR CLEANER KIT

INSTALLATION

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

NOTICE

Some high performance air cleaners extend beyond the OEM unit to achieve smoother air flow and better performance. Riding position may be affected. It is important to familiarize yourself with the new riding position before operating the motorcycle.

NOTICE

Proper tuning is important. Kuryakyn highly recommends fuel injected bikes 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 and have retarded ignition timing. Lean conditions and/or retarded ignition timing will cause high exhaust temperatures and may discolor chrome exhaust.

Ride On!