



ALLEY CAT AIR CLEANER FOR YAMAHA, CHROME

9526

Thank You For Choosing Kuryakyn!

Protect yourself and others from potential injury and 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.

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.

THIS PRODUCT IS NOT LEGAL FOR SALE OR USE ON POLLUTION CONTROLLED VEHICLES.

ENSURE THAT THE FOLLOWING PARTS HAVE BEEN INCLUDED IN THE KIT:

- 1 Alley Cat Air Cleaner Cover
- 1 Stay Ring—Black Plastic—NOT USED
- 1 Hardware Kit Containing:
 - 1 Double Ended Stud
 - 1 Nylon Ratchet
 - 1 Tri-Bar Fastener
 - 3 Adhesive Backed Foam Blocks—NOT USED
- 1 Backing Plate
- 1 Filter
- 1 Spider Bracket
- 1 Velocity Plate—NOT USED
- 1 Air Lock Ring—NOT USED
- 1 Hardware Kit Containing
 - 5 #8-32 X 3/8 Flat Socket Cap Screws
 - 1 #8-32 X 5/16" Button Socket Head Cap Crew
 - 1 #8 Flat Washer
 - 3 1/4"-20 X 3/4" Socket Head Cap Screws—NOT USED
 - 3 1/4"-20 X 1/2" Socket Head Cap Screws—NOT USED
 - 2 Black Rubber Vacuum Caps—NOT USED
 - 1 Cap Retaining Plate
- 1 Mounting Kit Including:
 - 1 Rubber Manifold
 - 1 Mounting Bracket
 - 2 M6 Aluminum Spacer
 - 3 1/4"-20 X 5/8" Socket Head Cap Screw
 - 3 1/4"-20 Nylon Locknut
 - 3 M6 Aluminum Tapered Bolt Cap
 - 2 M6 X 1.0 X 30mm Socket Head Cap Screw
 - 1 M6 X 1.0 X 16mm Socket Head Cap Screw
 - 1 6MM Serrated Flange Lock Nut
 - 3 M6 Flat Washer
 - 1 18" Hose
 - 1 Tube Silicone
 - 1 Three Way "T" Fitting — Barbed Nylon
- 1 650 V-Star Jet Kit Including:
 - 2 #35 Pilot Jet
 - 2 117.5 Main Jet
 - 2 120.0 Main Jet
 - 2 122.5 Main Jet
- 1 Installation Instructions

YOU WILL ALSO NEED:

Service manual, Metric and Standard Hex Wrench Sets, Metric and Standard Combination Wrenches Sets, Phillips and flat tip screwdrivers

NOTICE

These installation instructions contain important information. Ensure that the end user receives this copy and is aware of its importance for future use.

⚠ WARNING

THE END USER'S SAFETY DEPENDS UPON PROPER INSTALLATION OF THIS PRODUCT. IF A STEP IN THESE INSTRUCTIONS IS NOT WITHIN YOUR CAPABILITIES OR YOU DO NOT HAVE THE CORRECT TOOLS, HAVE YOUR DEALER PERFORM THE PROCEDURE. IMPROPER INSTALLATION OF THIS PRODUCT COULD RESULT IN DEATH OR SERIOUS INJURY.

ACCIDENTAL VEHICLE START-UP COULD CAUSE DEATH OR SERIOUS INJURY, REMOVE THE MAIN FUSE BEFORE PROCEEDING.

NOTICE

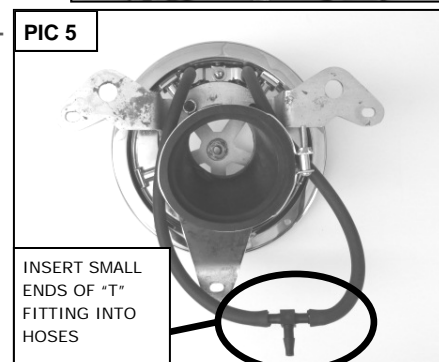
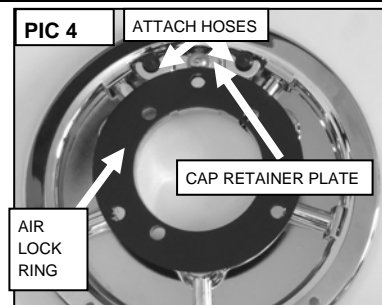
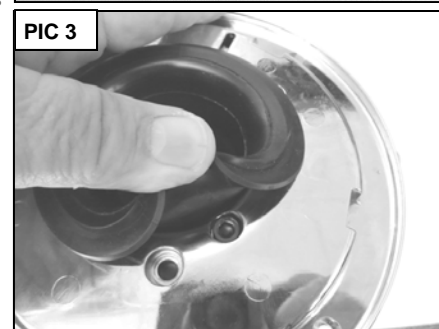
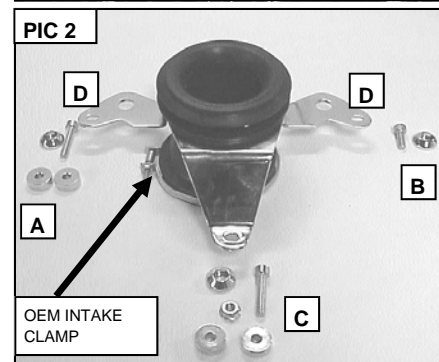
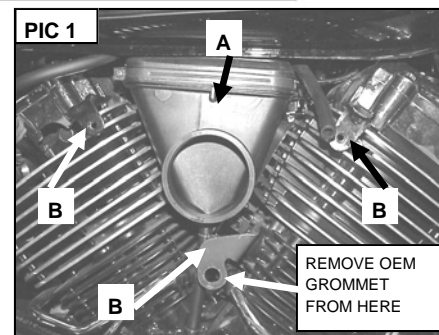
Avoid damage to the motorcycle. Protect painted surfaces with a soft cloth or blanket.

- STEP 1** Read and understand all steps in the instructions before starting the installation. Park the motorcycle on a hard, level surface and turn **IGN OFF**. Allow the engine and exhaust system to cool. Remove the main fuse.
- STEP 2** Remove the OEM air cleaner and components to the point shown in **PIC.1**. The OEM plastic air box adapter "A" and mounting brackets "B" will remain in place. Remove the rubber grommet from the center bottom mounting point.
- STEP 3** Insert both flanges of the included Rubber Manifold through the included Mounting Bracket as shown in **PIC.2**. The hardware components used for installation are placed near their respective mounting points:
- "A" socket head cap screw - 30mm long, tapered bolt cap, and two spacers. The spacers are placed between the Mounting Brackets and the existing brackets.
 - "B" socket head cap screw - 15mm long, tapered bolt cap.
 - "C" socket head cap screw - 30mm long, tapered bolt cap, two spacers (place between Mounting Bracket and existing brackets), and flange nut.
 - "D" Mounting holes.
- STEP 4** Refer to **PIC 3**. Insert the larger (first) flange of the rubber adapter through the backing plate, leaving the thinner rubber flange on the back side of the backing plate. Rotate the backing plate so the holes on the mounting bracket line up with the holes on the backing plate. Using the supplied 1/4"-20 X 5/8" socket head cap screws and 1/4" nylon locknuts, attach the backing plate to the mounting bracket. Tighten securely.

NOTE:

Refer to **PIC 3**. Roll the edge of the thicker front flange back to expose each hole, insert one of the socket head cap screws through the front of the backing plate. Roll the thinner rear flange back to expose the hole and secure with the nylon locknut. Repeat for all three holes.

- STEP 5** Refer to **PIC 4 and 5**. Locate the 18" hose from the hardware kit and cut it into two equal length pieces. On the new backing plate, install the two hoses in the orientation shown in **PIC 4 and 5**. Place the steel tube plate over the hoses, (the dropped center of the hose retaining plate goes towards the backing plate) and secure with the #8-32 X 5/8" button head cap screw and #8 washer. Insert the small ends of the T-Fitting into the ends of the hoses.



STEP 6 The opening in the rubber adapter must be slipped over the flange of the existing rubber air box and secured with the existing clamp. Install the mounting bracket as shown in **PIC 6**. Secure this assembly to the bike with the hardware specified in **STEP 3**.

STEP 7 Refer to **PIC 7**. Install the Spider Bracket over the slots in the backing plate. Then attach it to the backing plate with the supplied #8-32 X 3/8" Countersunk Socket Cap Screws.

STEP 8 Refer to **PIC 8**. Insert the larger end of the T-fitting attached to the hoses on the backing plate into the float bowl vent hose.

STEP 9 Install the outer portion of the air filter to the backing plate. Install the center portion of the filter to the outer portion. There is a Hex cut into the back center of the center filter that will fit over the Hex post on the Spider Bracket. Rotating the filter will allow this post to fall into the cut-out.

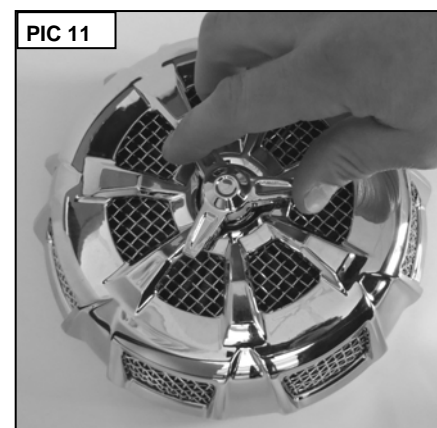
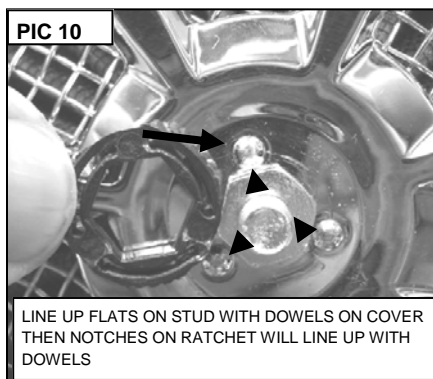
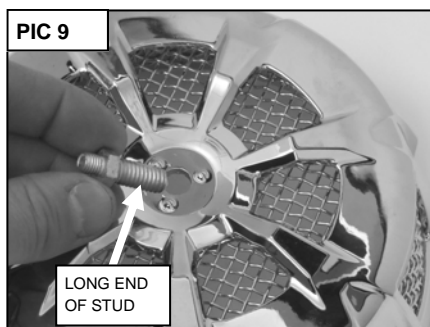
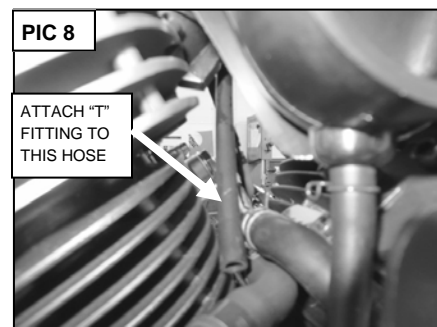
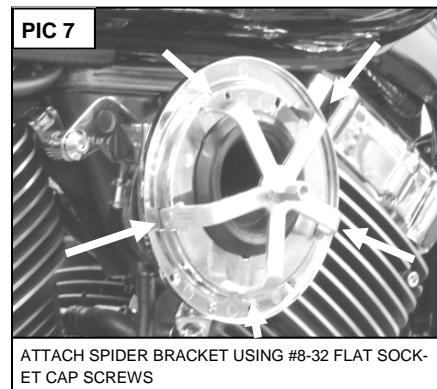
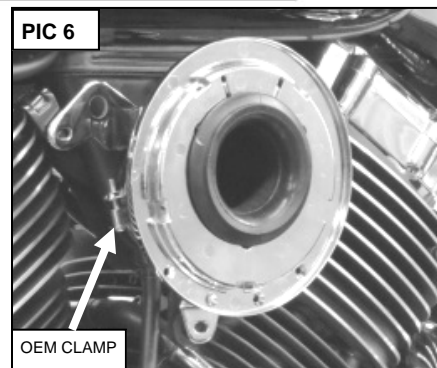
STEP 10 Locate the included Double-Ended Stud in the kit. Insert the longer end of the Stud through the outside of the Alley Cat Cover as shown in **PIC 9**.

STEP 11 Place a drop of blue thread locker on the longer end of the Double-Ended Stud. Place the Alley Cat Cover over the Filter and secure to the Spider Bracket with the Stud. **Torque to 36-60 in/lbs**. The Stud may need to be loosened a bit to line up the flats on the Stud with the dowels on the Cover as shown in **PIC 10**.

STEP 12 Align the indents in the Nylon Ratchet with the dowels on the Cover as shown in **PIC 10**.

STEP 13 Refer to **PIC 11**. Place a drop of blue thread locker on the exposed threads of the Stud; thread the Tri-Bar fastener onto the Stud. There are teeth on the Ratchet Ring that engage the Tri-Bar teeth. **The Tri-Bar only needs to be finger tight! DO NOT over tighten it!**

STEP 14 Ensure the tightness of all related fasteners, check for hose clearance and check throttle for correct operation, making sure it returns properly, before starting the bike. Reinstall the main fuse.





Re-jetting and tuning a motorcycle can be a complex task. Due to factors outside of our control, Küryakyn will not be held liable for any labor costs incurred from installation of this kit.

Installation of this kit **REQUIRES** carb re-jetting over and above what may have already been performed for pipe installation. This is a complex procedure and we strongly recommend that this be performed by your dealer or a competent mechanic. If you choose to attempt this on your own, you will need the service manual for this model as carb removal and disassembly instructions are not provided in this literature. The following jetting recommendations are intended as a starting point. Optimal performance and drivability may require fine tuning. Adjustments may be needed for higher altitudes. General rule of thumb is one jet size smaller for every 3000-4000 feet of elevation.

JETTING STARTING POINT RECOMMENDATIONS

Cobra/Stock Exhaust

Main Jet 117.5

Pilot Jet 35

PMS Screw 1-1/2 Turns Out From Bottom

V&H Style or Open Pipes

Main Jet 120

Pilot Jet 35

PMS Screw 1-1/2 Turns Out From Bottom

NOTICE

It is the end user's responsibility to ensure that all fasteners (including pre-assembled) are tightened before operation of the motorcycle. Küryakyn 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.

LIMITED WARRANTY

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

1. 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).
2. The product must be properly installed, maintained & operated under normal conditions.
3. Küryakyn shall not be liable for any consequential & incidental damages, including labor & 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 & a customer.
4. 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.
5. 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 & workmanship for 3 years from the date of purchase whereas all other components shall be warranted for one (1) year.
6. Merchandise purchased directly from Internet auction sites or any other third party seller is considered sold as is & shall not carry a Küryakyn warranty. All warranty claims must be directed to the original seller. If unsure please contact the seller to verify they are an authorized Küryakyn retailer.

RETURN POLICY

Merchandise determined to be defective may be returned up to one year from the date of purchase. Returns must be processed through original seller. Returned merchandise for any other reason other than warranty claims must be in like new condition & subject to a 20% restocking fee. All returns are subject to inspection for determination of full or partial credit. Any returned part that shows evidence of being used or installed contrary to manufacturer's instructions, &/or subjected to improper handling, packaging or return shipping by the customer, will not be eligible for exchange, refund or warranty consideration. All returned electrical items will be inspected & tested. If electrical item is deemed functional, no credit will be issued & item will be returned. All sales are final on discontinued or closeout merchandise.