



INSTALLATION

HYPERCHARGER AIR CLEANER

9405

PARTS INCLUDED

- 1 Hypercharger Air Cleaner Assembly
- 1 Adhesive Backed Air Cleaner Gasket
- 1 Length of Vacuum Line
- 1 Manifold Adapter Front Plate
- 2 Gaskets
- 1 Spacer
- 1 Manifold Adapter Body
- 1 Intake Gasket
- 1 Hardware Kit Including:
 - 1 Front Throttle Body Support
 - 1 Rear Throttle Body Support
 - 1 5/16"-18 x 1-5/8" Socket Head Cap Screw
 - 1 1/4"-20 x 1-5/8" Socket Head Cap Screw
 - 1 M6 x 1.0 x 16mm Hex Head Cap Screw
 - 1 M6 Locking Tab Washer — Bendable
 - 4 M6 x 1.0 x 16mm Socket Head Cap Screws
 - 1 3/8"-24 x 3/8" Set Screw
 - 1 5/16" x 2-1/4" Socket Head Cap Screw
 - 1 1/4"-20 x 2-1/4" Socket Head Cap Screw
 - 3 M6 x 1.0 x 45mm Button Socket Cap Screws
 - 1 Nipple 1/4" NPT — Chrome
 - 1 Elbow 1/4" NPT — Chrome
- 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 ATTENTION NOTES 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.

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

CAUTION! This indication alerts you to the fact that ignoring the contents described herein can result in potential injury or material damage.

TOOLS SUGGESTED

Metric and Standard Hex Wrench Sets, Metric Combination Wrench Set, Factory Service Manual.

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

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9405-25MC-1011



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.

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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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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.

ATTENTION! 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.

CAUTION! The installation of any high performance air cleaner system can cause a "lean" fuel/air mixture. A "lean" fuel/air mixture can cause engine overheating resulting in severe engine damage. Küryakyn recommends installing our Wild Things Controller, P/N 9218, on fuel injected bikes, or having the bike tuned by an experienced tuner, on a dyno, with an exhaust gas analyzer.

ATTENTION! This kit requires the removal of the complete stock air cleaner/intake tract up to the throttlebody, as well as the "cold start circuit" components. If you wish to keep these parts for possible re-installation at a later date, the throttle body must be removed from the engine to remove the crossover duct. If you are certain these parts will not be reused, the flange ends of the crossover duct may be cut off using a hack saw blade. This method will significantly shorten the installation process. If you choose to keep the crossover duct in tact, you MUST refer to your shop manual as this is a complicated process. You may wish to have this installation performed by a qualified Kawasaki service technician if you are not completely confident in your ability to perform these procedures.

STEP 2 Remove the seat

STEP 3 Disconnect the battery positive cable to prevent sparking that could cause ignition of spilled fuel, and personal injury.

STEP 4 Remove the fuel tank.

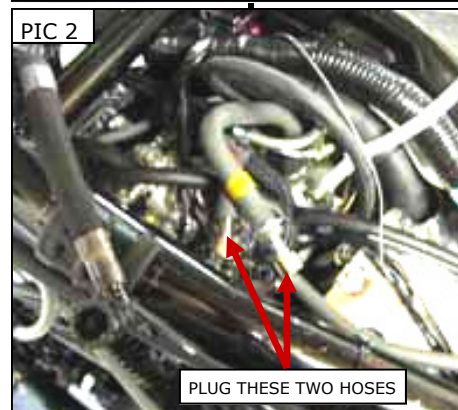
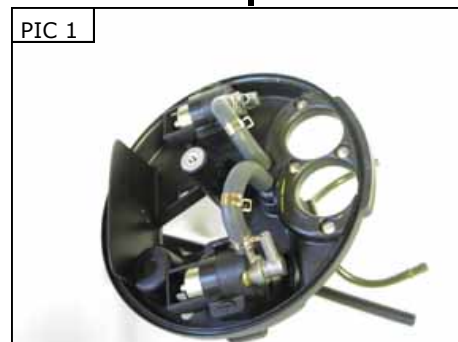
IMPORTANT- Throughout this installation, we strongly recommend labeling all hoses, and the nipples they were removed from.

STEP 5 Remove the intake ductwork, air inlet, right and left air cleaner housings, air cleaner, cold start components (see PIC.1), air mass sensor, and support bracketry. The wires that were unplugged from the cold start solenoids, may be neatly bundled and tucked out of harms way and out of sight. Be sure the terminals are insulated so they cannot short to any surrounding parts. Insert plugs (3/8" x 1/2" socket head bolts work well) into the two hoses that connected to the cold start circuit lines. (See PIC.2.) Also unplug the crankcase breather hose from the right angle fitting at the bottom of this enclosure, and the large diameter hose from the fresh air injection valve. (Don't forget to label.) The fuel drain hose will not be re-used. PIC.3 shows what you'll have left when all components are removed.

STEP 6 From the hardware kit, find the front and rear support tabs and the four M6 x 1.0 x 16mm socket head cap screws. Install the support tabs to the threaded holes in each cylinder, and to the holes in the throttle body as shown in PIC.4.

STEP 7 From the hardware kit, find the M6 x 1.0 x 16mm hex bolt and lock tab washer. Also find the intake gasket (oval shape with two large holes) and the manifold adapter body. See PIC.5. Screw the air temperature sensor into the back of the manifold adapter body. Place the intake gasket over the mouth of the throttle body so all holes line up. Insert the M6 hex bolt through the lock tab washer, and secure the adapter body to the throttle body, again making certain all holes line up perfectly. Tighten the hex bolt, but do not bend the lock tabs yet.

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STEP 8 Find the three M6 x 1.0 x 45mm button head cap screws from the hardware kit, as well as the two manifold body gaskets, the spacer plate, and the manifold front plate. Insert a gasket between all manifold body components, (body, spacer plate, and front plate), and using the top three holes, secure with the three button heads. Tighten securely. At this time, you may tighten the single hex bolt installed in Step 6, and bend the lock tab against one of the flats of the hex bolt. (See PIC.6)

STEP 9 Observe the two threaded holes in the top of the Hypercharger. Both are drilled and tapped. Plug the rear hole using the 3/8"-24 set screw. Insert the 1/4" NPT elbow in the front hole so the threaded opening faces forward. Thread the nipple into this elbow so it faces forward.

STEP 10 Remove the trap door from the front side of the Hypercharger. Affix one adhesive backed intake gasket over the opening in the back-side of the Hypercharger (PIC.7).

STEP 11 Observe the mounting holes inside the Hypercharger. Note that they use two different diameter bolts, in a criss-cross pattern. The 1/4"-20 x 1-5/8" and 5/16"-18 x 1-5/8" socket heads are used in the top mounting holes, and the 1/4"-20 x 2-1/4", and 5/16"-18 x 2-1/4" socket heads are used in the bottom mounting holes. Mount the Hypercharger securely to the manifold body as in PIC.8.

STEP 12 Replace the trap door on the Hypercharger.

STEP 13 Install the crankcase breather hose onto the nipple from Step 9.

STEP 14 The large fresh air hose (biggest diameter hose) will be left open — tuck it out of sight.

STEP 15 See PIC.9. Attach the vacuum hose to this nipple, and run the hose down to the bottom front area of the Hypercharger. Attach as shown in PIC.10.

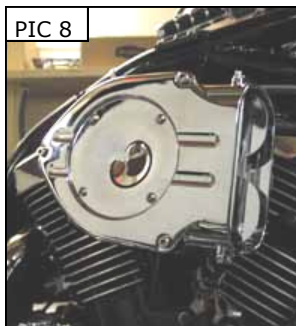
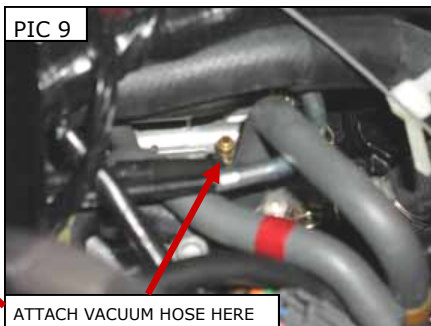
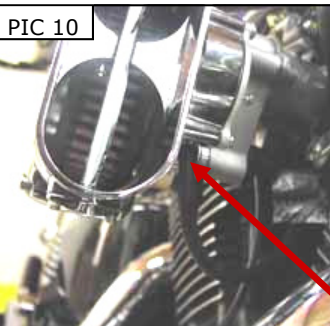
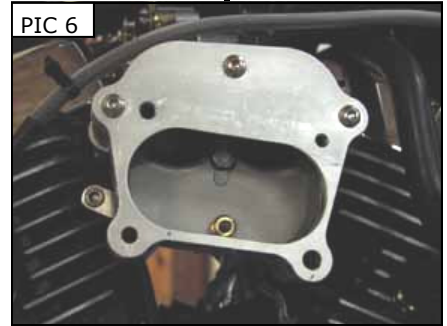
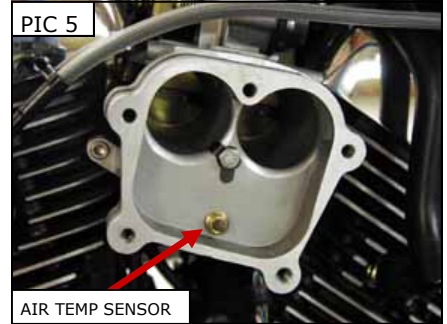
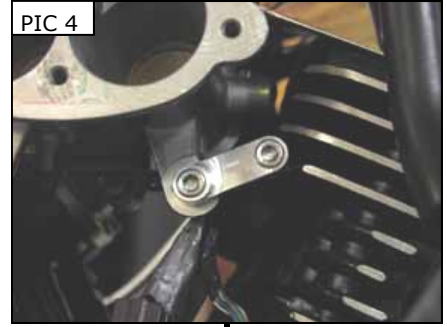
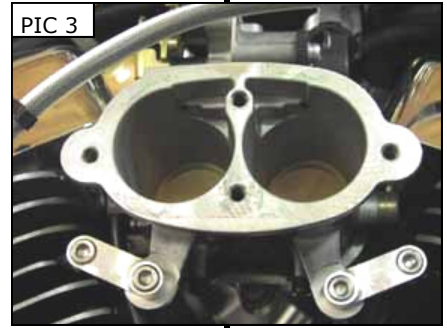
NOTE: California models refer to FIG 1, page 4, for the location of the vacuum port. You will need to use the supplied "T" fitting in this line.

STEP 16 Now is a good time to install the Wild Things control box (not included) if you choose to use one.

STEP 17 Re-install the fuel tank, being certain all hoses are reattached to where they were removed. Re-connect the positive battery cable. Replace the seat.

STEP 18 **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 the bike.**

ATTENTION! It is the installer's responsibility to ensure that all of the fasteners (including preassembled) are tightened before operation of the motorcycle. Küryakyn will not warranty components lost due to improper installation. Periodic maintenance may be required.





Ride On!