



INSTALLATION



HI-FIVE MACH 2 AIR CLEANER 9479

PARTS INCLUDED

- 1 Hi-Five Mach 2 Air Cleaner Assembly
- 1 Filter Element
- 1 Hardware Kit for Mach 2
 - 5 1/4-20 x 3/4" Socket Head Cap Screws - Polished
 - 3 1/4-20 x 1" Socket Head Cap Screws
 - 3 1/4-20 x 1-1/4" Socket Head Cap Screws
 - 1 Air Lock Ring
 - 1 Ring Adapter
 - 1 Dual Velocity Ring
- 1 Adapter Kit for VTX 1800
 - 1 Throttle Body Apater
 - 3 1/4-20 x 1/2" Socket Head Cap Screws
 - 4 M5 x .08 x 16MM Hex Flange Screws
 - 2 10-24 x 0.4 Button Socket Cap Screws
 - 1 14" Hose
 - 1 Gasket
 - 1 Chrome Nipple
 - 1 90 Degree Elbow
 - 1 Rubber Cap
 - 1 1" Clevis Pin
- 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.

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

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

TOOLS SUGGESTED

Set of Hex Wrenches, Phillips Screwdrivers, Pliers, Combination Wrenches, Socket Set with Ratchet.

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

PROCEDURE

STEP 1 Read and understand all steps in the instructions before starting the installation. Park the motorcycle on a hard, level surface; turn off the ignition and allow the engine to cool.

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. Components of Küryakyn products containing L.E.D.s will be warranted for defects in materials and workmanship for 3 years from the date of purchase.
- 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.

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You'll find all our innovations for H-D, GL and Metric Cruisers in our annual catalogs. Order online today—select the "CATALOGS" icon. Each Küryakyn® product comes with a Proof-of-Purchase good for a complimentary catalog. Details in packaging.

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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ATTENTION! The addition of this air cleaner may change the fuel requirements of the engine. For best drivability and performance we recommend the use of a Wild Things™ Fuel Injection Controller, P/N 9218. (Sold separately).

STEP 2 Remove the seat and the rear mounting bolt of the fuel tank.

STEP 3 Either prop the rear of the tank up, or have an assistant hold the rear of the tank up. Remove the four Phillips head screws from the "air horn" assembly in the stock air cleaner backing plate. (See PIC.1.) Gently "tug" outward at the bottom of the stock air cleaner back and it will become free from the bike, only to be connected by hoses and a wire harness. Remove the three hoses from the backing plate as well as the plug from the air mass (temp) sensor.

The stock backing plate may now be removed from the motorcycle, and the tank may now be returned to its original position and re-connected and seat reinstalled. The stock backing plate will be able to be removed by holding up on the back side of the fuel tank, but it will be a tight fit.

STEP 4 See PIC.2, and PIC.3. Remove the white plastic air mass (temp) sensor and the O-ring from the stock backing plate. Install the O-ring into corresponding groove in the new cast throttle body adapter. Install the air mass sensor into the adapter at this time using the 10 x 24 B.S.C.H. Install the chrome elbow into the manifold then the nipple into the elbow. Make sure to point the nipple up. Your crank case ventilation hose should be rerouted over the top of the throttle body so it can be plugged into this nipple. See PIC.4.

STEP 5 See PIC.5. The largest diameter hose (marked as A) will be capped off using the vinyl cap (PIC.6) included in the kit. The intermediate size hose (marked as B, about 3/8" I.D.) will be plugged into the nipple you have installed on the throttle body adaptor (this is your crankcase breather). The smallest hose (marked as C) is the vacuum line that was plugged into the top of the stock air box. This hose can be shortened but must be plugged with the 1" pin supplied. The air mass sensor plug (marked as D is also shown in PIC.5).

STEP 6 This step will require some patience as you will be working in a very limited space. See PIC.7. Start one of the M5 hex flange bolts in one of the two lower mounting holes of the throttle body. Slide a corresponding slot on the throttle body adapter on to this bolt. Start the remaining three bolts in the adapter mounting holes. Screw the BOTTOM two mounting screws in all the way - it may be easier for you to hold the adapter out away from the throttle body as you run these screws in. You will most likely have to use your open-end wrench and move the fasteners about 1/6 of a turn at a time. Once the bottom two screws are in all the way, but not tightened, you may thread the top two mounting screws in. Tighten all four screws, but do not over tighten - if you snap or strip one of these screws, you will have to repeat this process. Reconnect the plug to the air mass sensor that was disconnected in STEP 3.

STEP 7 Hold the air lock ring in place over the intake flange (PIC 8). Line up the holes from the air lock ring with the threaded holes in the intake flange.

STEP 8 Using the 1/4-20 x 1" Socket Head Cap Screws, secure the backing plate to the throttle body flange as shown in PIC 9. Be sure that the air lock ring is in place between the backing plate and the intake flange. Tighten the hardware.

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PIC. 1



PIC. 2



PIC. 3



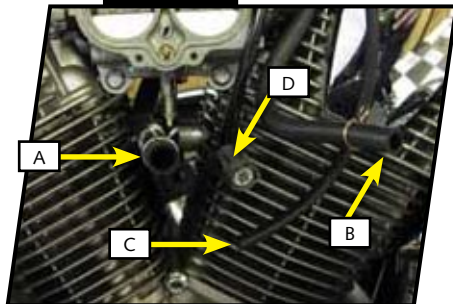
PIC. 4



PIC. 7



PIC. 5



PIC. 6



STEP 9 As shown in PIC 10, snap the dual velocity ring in place. The ring should be positioned as shown with the open hole positioned in the 10 o'clock position.

STEP 10 Install the air filter to the backing plate. The air filters press on and should hold in place.

STEP 11 Install the screen mesh inside the Hi-Five Mach 2 cage and hold in place over the air filter installed in Step 10.

STEP 12 Secure using the chrome 1/4-20 x 3/4" Socket Head Cap Screws. Tighten all hardware.

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

HI-FIVE MACH 2 WITH MEDALLION

STEP 1 Follow Steps 1-10 above.

STEP 2 Flip the Hi-Five Mach 2 cage over (PIC 11) and remove the 5 small screws. Be careful not to lose any hardware during this step, the screws are very small.

NOTE The center star section and 5 "L" shaped pieces can now be removed (PIC 12).

STEP 3 As shown in PIC 13, place the adapter ring in place on the front side of the cage and secure using the 5 small screws removed in Step 2 from the backside.

STEP 4 Install the screen mesh inside the Hi-Five Mach 2 cage and hold in place over the air filter installed on the backing plate.

STEP 5 Secure using the chrome 1/4-20 x 3/4" Socket Head Cap Screws. Tighten all hardware.

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

ATTENTION! The adhesive will not bond correctly if applied at temperatures less than 50°F. Do not attempt this installation in temperatures less than 50°F.

STEP 6 Clean the face of the adapter ring. Dry the mounting area completely.

ATTENTION! Ensure the area of installation is free of grease, oil, dirt or other debris to ensure proper adhesion. Kuryakyn WILL NOT issue a warranty on any parts lost due to improper installation.

STEP 7 Remove the tape backing on the medallion, position the medallion as desired and apply to the adapter ring. Press and hold in place for one minute. Full bonding strength will occur in 24 hours.

Ride On!

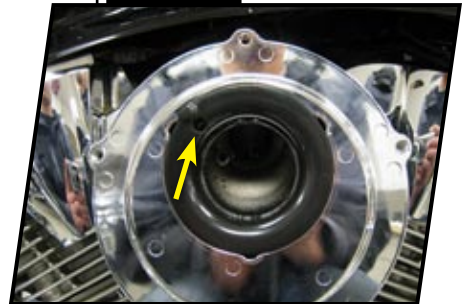
PIC. 8



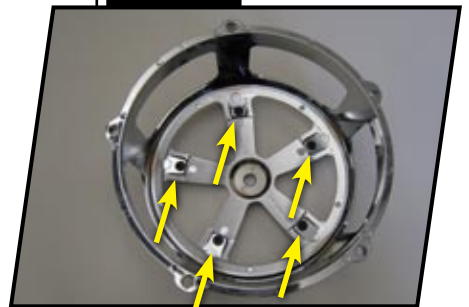
PIC. 9



PIC. 10



PIC. 11



PIC. 12



PIC. 13

