



# INSTALLATION

## HI-FIVE MACH 2 FOR VT 1300/FURY 9506

### PARTS INCLUDED

- 1 Hi-Five Mach 2 Air cleaner Assembly
- 1 Zombie Emblem
- 1 Kuryakyn Emblem
- 1 Hardware Kit Containing
  - 5 1/4"-20 X 3/4" Chrome Socket head Cap Screws
  - 3 1/4"-20 X 1" Socket Head Cap Screws—**NOT USED**
  - 3 1/4"-20 X 1 1/4" Socket Head Cap Screws
- 1 Hardware Kit Containing
  - 1 Air Lock Ring--**NOT USED**
  - 2 1/8" NPT Straight Fittings—**NOT USED**
- 1 Ring adapter
- 1 Dual Velocity ring
- 1 Air Lock Ring
- 1 Filter Element
- 1 Mounting Kit containing
  - 1 Chrome Mounting Bracket
  - 1 Chrome Side bracket
  - 2 Gaskets with Adhesive
  - 1 Rubber Seal
  - 1 1/4"-20 X 1/2" Button Socket Cap Screw
  - 3 1/4"-20 X 3/4" Socket Head Cap Screws
  - 1 Chrome L Bracket
  - 2 1/4"-20 X 1/2" Carriage Bolts
  - 2 1/4"-20 Low Crown Acorn Nuts
  - 2 1/4" Chrome Lock Washers
  - 2 1/4" Stainless Flat Washers
- 1 Plug and Elbow Kit Containing
  - 2 1/8" NPT Hex Plugs
  - 2 90 Degree Elbows with Barbed End—**NOT USED**
- 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

Set of Metric combination Wrenches, Set of Standard Hex Wrenches

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

9506-21MC-0311

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### 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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**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.

**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.

**CAUTION!** The installation of any high performance air cleaner and/or exhaust system can cause a "lean" fuel/air mixture. A "lean" fuel/air mixture can cause engine overheating resulting in severe engine damage. Küryakyn recommends having the motorcycle tuned by a competent technician.

**NOTE:** Some of our high performance air cleaners extend beyond the stock/OEM unit to achieve smoother airflow and better performance. Riding position may be affected.

**STEP 2** Remove stock air cleaner assembly.

**STEP 3** Remove the rear chrome rocker box/spark plug cover by gently pulling out on it. It has darts that push into rubber grommets on the rocker box. Remove the forward bolt from the mount. PIC 1 Set this aside it will be reused.

**STEP 4** Place the included rubber seal over the mouth of the throttle body. PIC 2

**STEP 5** Install the large hose to the top fitting on the ring adapter and the small hose to the bottom fitting using the stock hose clamps PIC 2. Then place the ring adapter over the mouth of the rubber seal on the throttle body. You may want to use a little spray lube on the rubber seal to assist in getting the adapter over it.

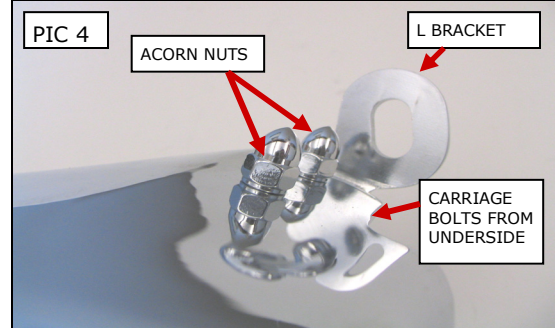
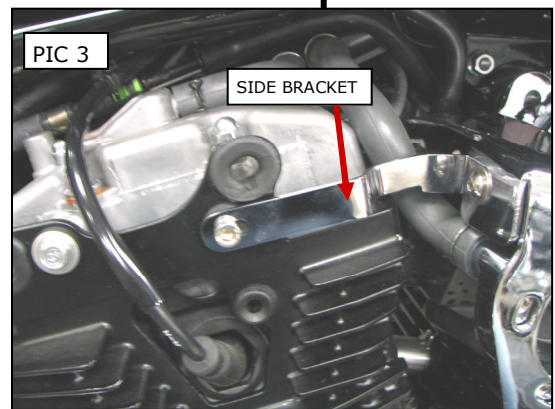
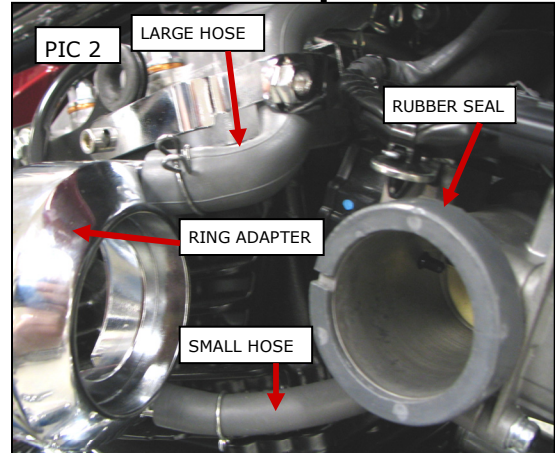
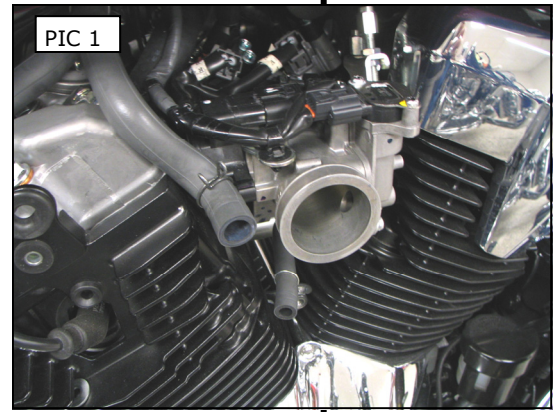
**STEP 6** Install the side bracket to the location that you removed the bolt from in Step 3 with the stock hardware. Leave finger tight for now. PIC 3

**STEP 7** Insert the included 1/4"-20 X 1/2" carriage bolts through the L bracket and through the inside of the chrome mounting bracket. Place one of the included 1/4" lock washers then a low crown acorn on each. Leave finger tight for now.

**NOTE:** See Figure 1 on page 4 for an exploded view of the mounting kit to assist in assembly of the kit.

**STEP 8** Install one of the included adhesive backed gaskets to the front of the ring adapter. Be sure to line up the holes in the gasket with the threaded holes in the ring adapter and that the "ears" on the gasket cover the slots on the ring adapter. **SEE FIGURE 1, PAGE 4, FOR CORRECT GASKET PLACEMENT**

**STEP 9** Place the chrome mounting bracket over the ring adapter and throttle body. The slot in the L bracket goes over the exposed stud between the cylinders. The arm of the side bracket goes inside the chrome mounting bracket. PIC 6



**STEP 10** Attach the side bracket to the chrome mounting bracket with the included 1/4"-20 X 1/2" Button Socket Head Cap Screw PIC 6. Attach the bottom of the chrome mounting bracket to the bottom air cleaner mount on the bike with the stock hardware PIC 5. Attach the L bracket to the stud using the stock hardware PIC 7. Make sure that the holes in the bracket line up with the threaded holes in the ring adapter. Tighten the top stock fastener first, bottom stock hardware next, then the Button Socket Head Cap Screw on the side bracket. Tighten the Low Crown Acorn Nuts on the L bracket last.

**STEP 11** Install the plastic threaded plugs in to the threaded holes on the backing plate. Tighten the plugs in place. PIC 8

**STEP 12** The Hi Five Mach 2 can be installed in two different positions, standard, PIC 9 or rotated forward and up approximately one inch, PIC 10. Determine the position that fits you the best and insert the 1/4"-20 x 1 1/4" Socket Head Cap Screws through the mounting holes in the backing plate. Place the air lock ring over these from the back side. PIC 11 The Air Lock Ring will act as a gasket between the backing plate and the bracket, **no extra gasket** will be needed here.

**STEP 13** Secure the backing plate to the throttle body flange in either the standard or rotated position as shown in PIC 5, PIC 9 or PIC 10. Tighten the hardware. **SEE FIGURE 1, PAGE 4, FOR CORRECT AIR LOCK RING PLACEMENT.**

**STEP 14** As shown in PIC 11, 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.

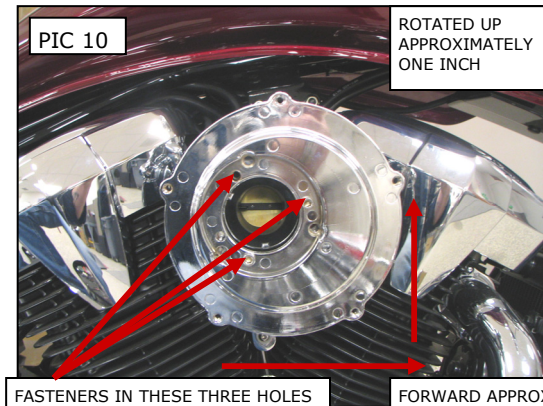
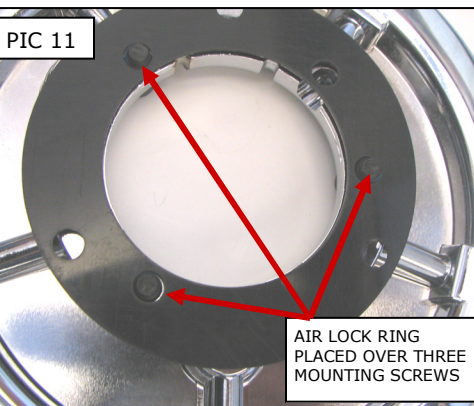
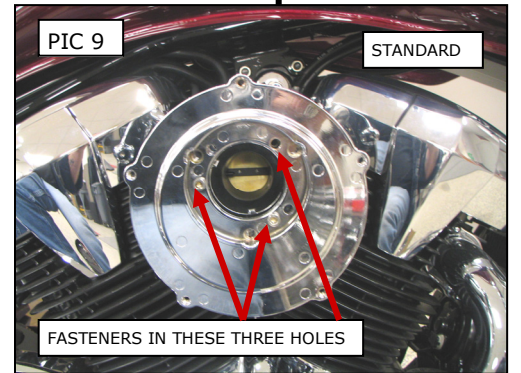
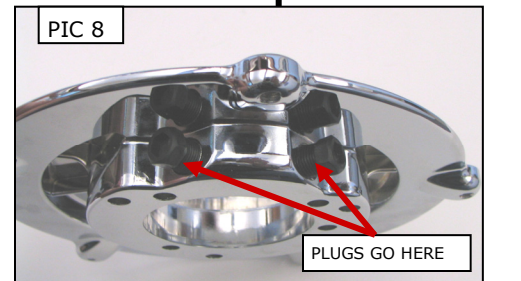
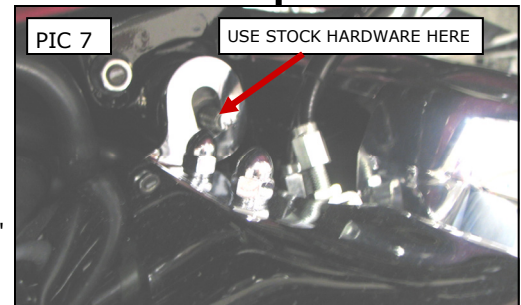
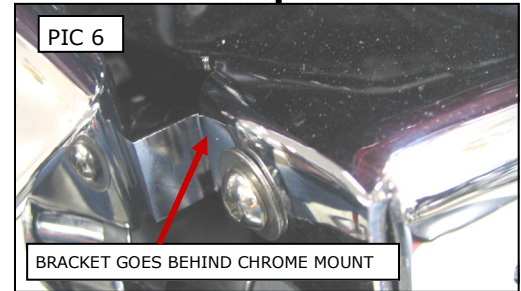
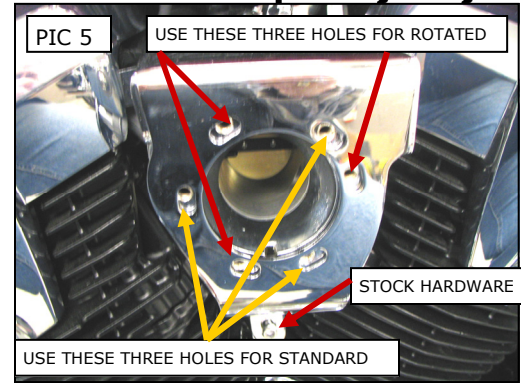
**STEP 15** Install the air filter to the backing plate. The air filter presses on and should hold in place.

**STEP 16** Install the screen mesh inside the Hi-Five Mach 2 cage and hold in place over the air filter installed in Step 15.

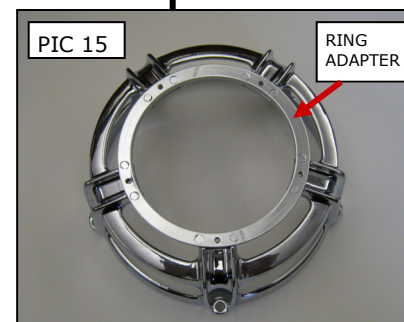
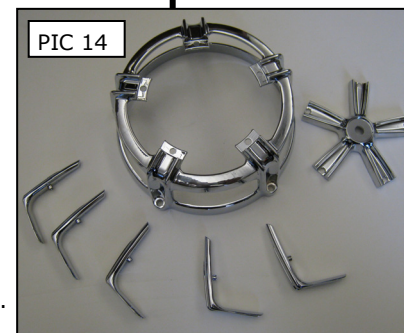
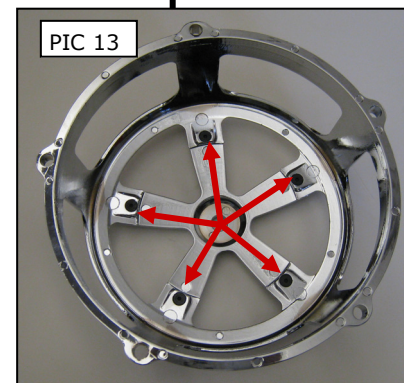
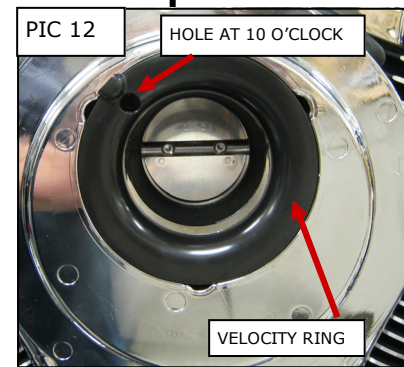
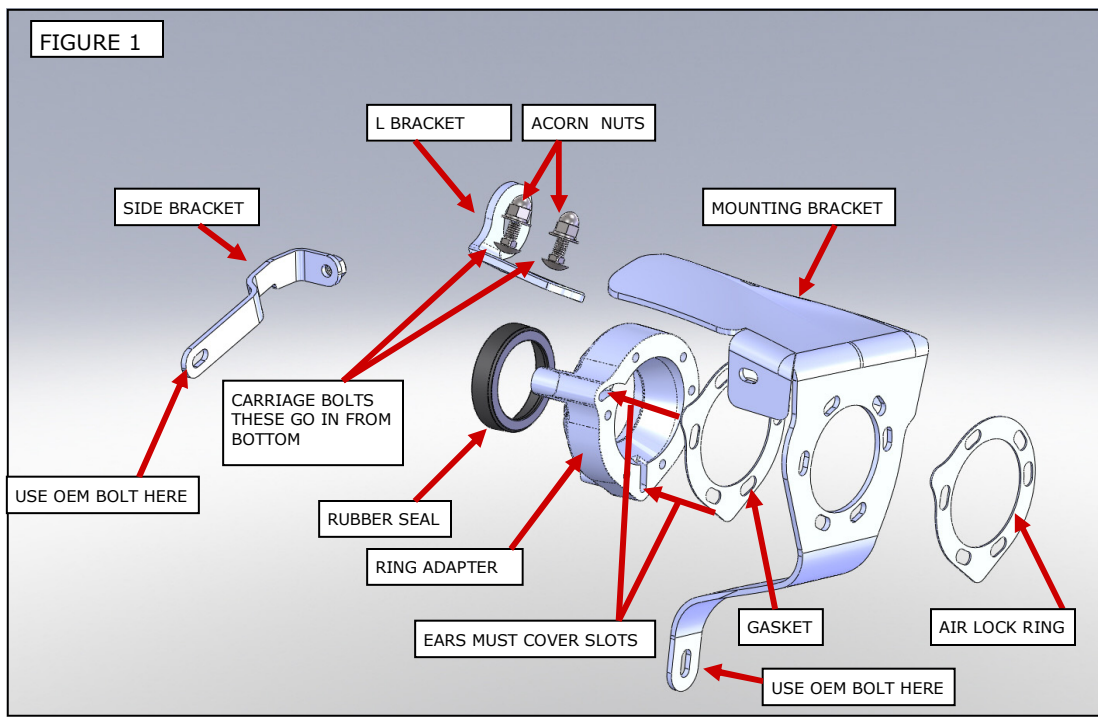
**STEP 17** Secure the screen and cage to the back plate using the chrome 1/4"-20 x 3/4" Socket Head Cap Screws. Tighten all hardware.

**STEP 18** **Check all hose connections and tighten all hardware. Rotate the throttle open and make sure it returns correctly before starting the motorcycle.**

**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.



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**Hi -Five Mach 2 with Medallion**

- STEP 1** Follow Steps 1-14 above.
- STEP 2** Flip the Hi-Five Mach 2 cage over (PIC 13) 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 14).
- STEP 3** As shown in PIC 15, 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. Küryakyn 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. Küryakyn 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!*