



# INSTALLATION

## VACUUM POD REBUILD KIT

## 8554/8580

### PARTS INCLUDED

- 1 Diaphragm and Rod Assembly
- 1 Pod Assembly
- 1 Spring
- 1 E-Clip
- 1 Washer
- 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

Flat Blade Screwdriver, Set of Combination Wrenches, Set of Hex Wrenches

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

**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.

**STEP 2** Remove the Hypercharger from the motorcycle using the installation instructions as a guide. If you do not have the instructions, they are available on our website, [www.kuryakyn.com](http://www.kuryakyn.com).

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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.

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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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[kuryakyn.com](http://kuryakyn.com)



**STEP 3** Remove the three retaining screws from the vacuum pod plate on the backside of the Hypercharger. Set these aside, they will be reused.

**STEP 4** Remove the spring and pod assembly from the housing.

**STEP 5** Remove the E-Clip and washer from the end of the diaphragm rod that is connected to the butterfly shaft. Remove the Diaphragm and Rod.

**NOTE:** Pay attention to the orientation of the of the hoop on the butterfly shaft that the Rod Assembly attaches to. The new Assembly will need to be attached in the same orientation or the butterflies will operate incorrectly.

**STEP 6** Install the new Diaphragm Rod Assembly to the butterfly shaft using the provided E-Clip and Washer.

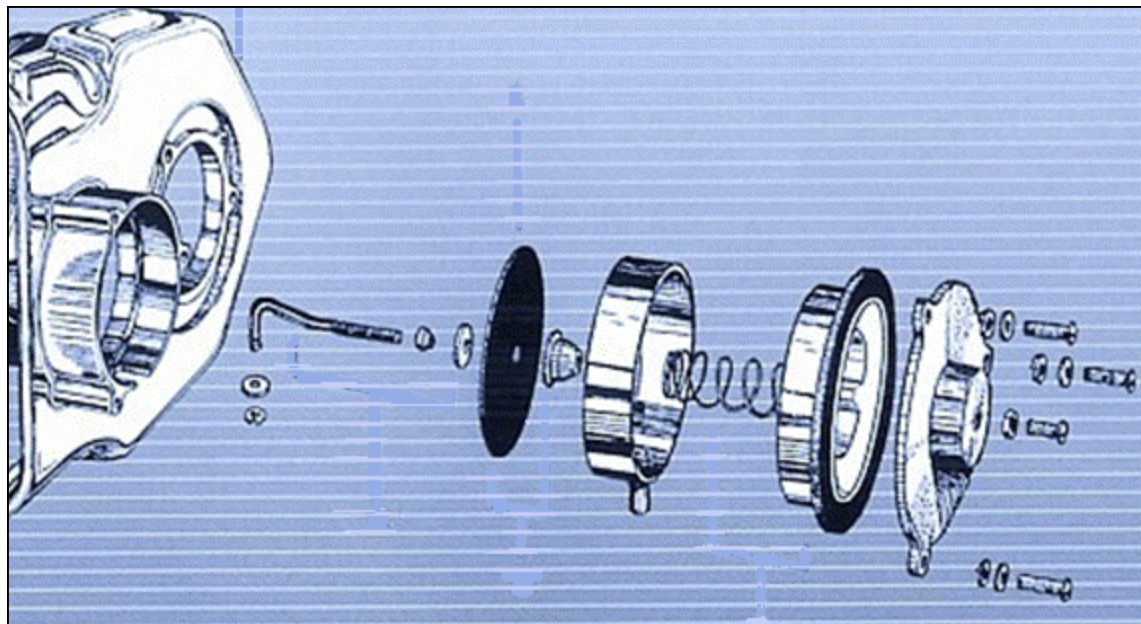
**STEP 7** Install the Pod Assembly in the housing making sure that the Diaphragm lays flat underneath it and is tucked in around the edge.

**NOTE:** When performing the following Step, keep pressure on the butterflies or diaphragm rod to ensure that the pressure from compressing the spring does not push the diaphragm out of place.

**STEP 8** Install the new spring and replace the pod plate. Secure with the three screws removed in Step 3.

**STEP 9** Install the Hypercharger to the motorcycle. Plug in the vacuum hose.

**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 issue a warranty on components lost due to improper installation. Periodic maintenance may be required.



*Ride On!*