



# INSTALLATION

## INFINITY AIR CLEANER FOR TWIN CAM 8416

FITS ALL '99 -'06 TWIN CAM ENGINES WITH STOCK AIR CLEANER COVERS

### PARTS INCLUDED

- 1 Infinity Cover for Stock Twin Cam Air Cleaner
- 1 Mount, Stamped Steel
- 1 Switch/Controller
- 1 Hardware Kit, including:
- 2 1/4-20 x 1/2" BSCS Fastener, Highly Polished
- 1 9" Extension
- 1 12" Extension
- 1 18" Extension
- 1 24" Extension
- 1 Dielectric Grease
- 1 Alcohol Pad
- 4 Cable Tie, 4" Black Nylon
- 1 Y Connector
- 1 Double-Female Connector
- 2 1 x 1 x 0.062" Double-sided Adhesive Pad
- 1 Installation Instructions

Please read and understand entire instructions before starting installation.

### THANK YOU FOR CHOOSING KÜRYAKYN!

#### PLEASE NOTE

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

**CAUTION! CLEAN ONLY WITH WARM WATER AND A MILD, NON-ABRASIVE SOAP. SOME CLEANING PRODUCTS CONTAIN HARSH CHEMICALS THAT CAN SEVERELY DAMAGE PRODUCT AND VOID WARRANTY.**

#### TOOLS SUGGESTED

Allen wrenches.

**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 steps in the procedure; consult a trained technician.

**NOTE** The stock air cleaner cover is shown removed from the bike in the following pictures; however, you do not need to remove the cover from the bike to perform this procedure.

#### PROCEDURE

**STEP 1** Remove the fastener securing the stock air cleaner cover.

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

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 Kuryakyn product comes with a Proof-of-Purchase good for a complimentary catalog. Details in packaging.

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 2** Remove the paper backing from the self-adhesive pads and place the pads on the backside of the mount, these will help prevent the mount from rotating while fastened to the stock air cleaner cover.

**STEP 3** Install the mount over the stock air cleaner cover, ensuring the mount is level. Secure with the stock fastener. See [PIC.1](#).

**STEP 4** Install the Infinity cover assembly over the mount and secure with the supplied fasteners. Be sure the wiring harness for the Infinity light exits at the bottom of the cover. Be sure the wires are not pinched.

## MOUNT THE SWITCH CONTROLLER

**STEP 5** Find an appropriate location to mount the switch controller, then use the supplied alcohol pad to clean the area of any grease or debris.

**STEP 6** Remove the paper backing from the self-adhesive strip on the switch controller. Press the switch controller into place; hold for 60 seconds to ensure proper bonding.

**NOTE** The switch controller must be mounted close enough to the Infinity cover to allow enough wire length to make the electrical connections. Use the provided extensions if necessary.

## MAKE THE ELECTRICAL CONNECTIONS

**STEP 7** Connect the red wire from the switch controller to the positive terminal of the battery. Connect the black wire from the switch controller to the chassis ground or to the negative terminal of the battery.

**STEP 8** Connect the wiring harness from the Infinity cover to the switch controller, matching the wire colors.

**STEP 9** Use the supplied cable ties to secure the wiring away from any moving parts, or any sources of excess heat.

**ATTENTION!** When routing the wiring, be sure to keep the wiring away from any moving parts. Kuryakyn **WILL NOT** warranty any electrical component that fails due to pinched, crimped, broken, abraded, or frayed wires.

## SWITCH OPERATION

The seven color Infinity lights draw very little current and can be illuminated for several hours using only the bike's battery power, provided the battery is in good condition and fully charged.

The switch controller has a toggle switch, a push button, and a rheostat.

- Use the toggle switch to select either "STEADY ON" or "FLASH" light modes, or to turn the lights "OFF".
- Press the push button to select either an individual color or "PAINT" mode, which cycles through all colors. The color sequence is as follows: red, lime, ice white, sky blue, dark blue, violet, green, "paint".
- Use the rheostat to either vary the flash rate when the toggle switch is set to "TOGGLE", or to vary the speed of the color change when the color mode is in "PAINT".

*Ride On!*

**Kuryakyn**

**PIC.1**



**PIC.2**



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