



## CHASING LED TIMING COVER

## 1302

### PARTS INCLUDED

- 1 Chasing LED Point Cover Assembly
- 1 Finned Cone
- 1 Hardware Kit including;
  - 1 Mounting Plate for Twin Cam
  - 1 Mounting Plate for XL and Evo Big Twins
  - 1 Spacer Ring
  - 5 8-32 x 3/8 Flat Socket Cap Screw (FSCS)
  - 1 10-24 Hex Nut
  - 2 #10 SAE flat washers
  - 1 Dielectric Grease Pack
  - 1 Alcohol Pad
  - 4 4" Nylon cable Ties
  - 1 "Y" Adapter
  - 1 Scotch Lock, male
  - 1 T-Tap Scotch Lock, female
- 1 Controller Switch
- 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.

### TOOLS SUGGESTED

Set of hex wrenches, Torx drivers, wire stripper/crimper, combination wrenches or socket set and ratchet.

**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.

**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.

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1302-24HD-0111



### 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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**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 fasteners which secure the timing cover, the fasteners and cover will no longer be used.

**Note:** The flat plate with five holes is for twin cam motors. The beveled plate and the spacer ring are for Evo and XL motors. PIC. 1

**STEP 3** Install the appropriate plate, using the 8-32 x 3/8 FSCS screws from the hardware kit (five if mounting on a Twin Cam or two if mounting on an XL or Evo). PIC. 2.

**STEP 4** Place the LED cover over the stud on the mounting plate; be sure to route the wires away from the exhaust, engine or any moving parts.

**Note:** When installing on Evo or XL motors, place the spacer ring against the mounting plate so that it is behind the cover, making sure that the timing cover wiring is placed in the "notch" of the spacer ring.

**STEP 5** Secure the cover using the 10-24 Hex Nut and #10 flat washer. PIC. 3.

**STEP 6** Install the finned cone, tightening until it clicks several times.

### Wiring

**STEP 1** Remove the seat and the side panel (on touring models).

**STEP 2** Determine a location on you bike to mount the control switch. This location needs to be close enough to the chasing LED cover so that the wiring harness from the cover will reach the wiring harness from the switch; and the power wires will reach the battery terminals.

**STEP 3** The black wire from the switch is a ground wire and needs to be secured to the negative terminal on the battery.

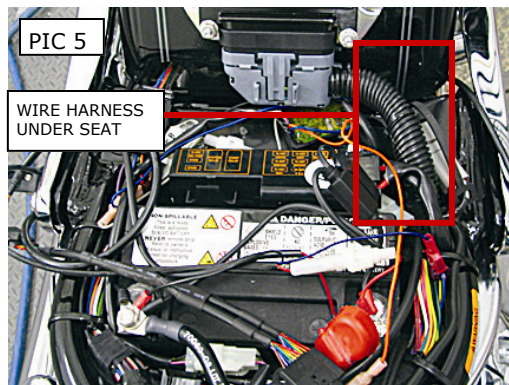
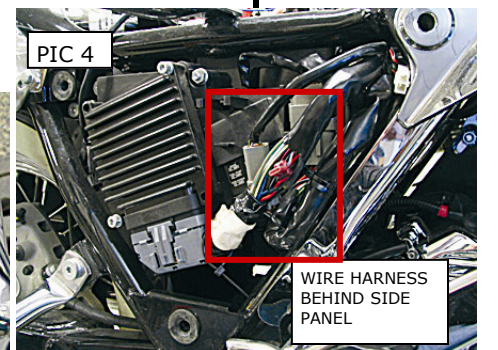
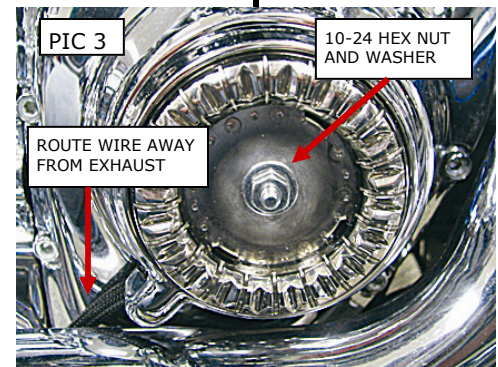
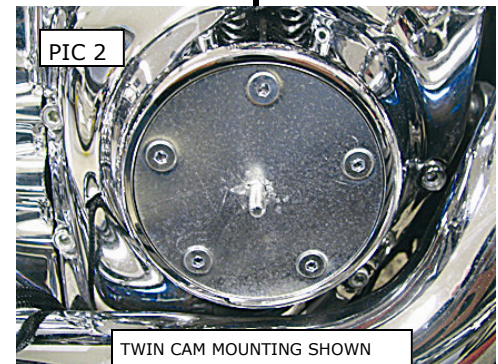
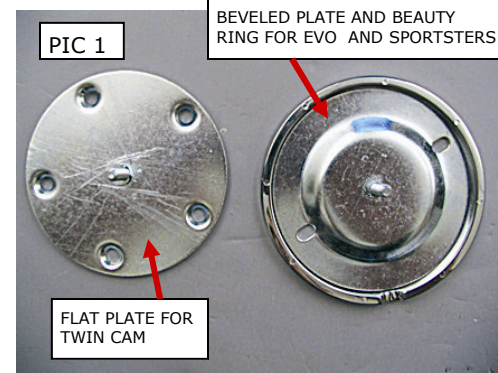
**STEP 4** The red wire from the switch (with in-line fuse) is a power wire and needs to be secured to the positive terminal on the battery.

**STEP 5** Locate the ignition harness (carbureted), or the electronic fuel injection harness which is most commonly located under the seat or under the side cover on the right hand side of the motorcycle. PIC. 4 and PIC. 5.

**STEP 6** Carefully expose the wires located inside the harness cover.

**STEP 7** Locate the front (blue with orange trace) or rear (yellow with blue trace) coil wire inside the harness on all models **other than 2011 Softails. On 2011 Softail models, the front coil wire is green with a blue tracer and the rear coil wire is gray with a blue tracer.** PIC 8

**Note:** Refer to an H-D electrical diagnostic manual to verify the correct wire colors for your motorcycle.



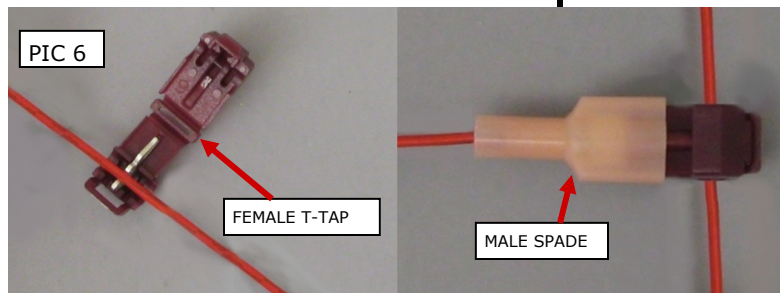
**STEP 8** Place the T-Tap connector over the front or rear coil wire and close ensuring that the tab is engaged. PIC.6, 7 & 8

**ATTENTION!** Küryakyn recommends the use of dielectric grease on electrical connections.

**STEP 9** Insert the purple wire from the control switch into the male Scotch Lock and crimp, making sure that the wire is secure.

**NOTE:** Picture 8 is for 2011 Softails only. Picture 7 is for all other years and models.

**STEP 10** Now, hook the purple wire with the male Scotch Lock from the control switch, to the T-Tap that was installed on the coil wire. PIC 7 or PIC 8



**STEP 11** Plug the wiring harness from the chasing LED cover into the harness from the switch.

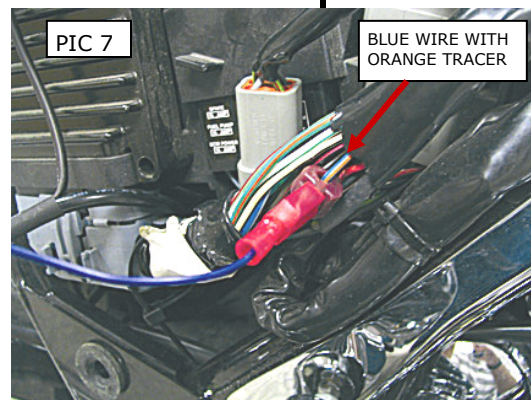
**NOTE:** Use the included Y Adapter harness if using multiple seven color chasing products on your motorcycle. One controller is capable of handling up to four units.

**STEP 12** Secure all wiring away from heat sources and or moving parts using the included cable ties. Melted wire insulation may result in a short circuit.

**ATTENTION!** Secure all wiring away from any moving parts, pinch points or extreme heat. Küryakyn WILL NOT warranty any electrical component that fails due to pinched, crimped, broken, abraded, melted or frayed wires.

**STEP 13** Reinstall the seat and the side panel.

**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.



### Controller Switch Operation

- Flip the switch to the "mode" position and press the selector button to choose either the "chasing mode" or the "steady illumination mode."
- Flip the switch back to the "color" position, and press the selector button to choose the color; the color sequence is as follows:
  1. Red
  2. Lime
  3. Ice White
  4. Sky Blue
  5. Dark Blue
  6. Purple (Violet)
  7. Green
  8. Paint Mode (continuously cycles through all seven colors)
- Flip the switch back to the "mode" position.

