



# INSTALLATION

## BULLET STYLE TURN SIGNAL KIT 2317

### PARTS INCLUDED

- 2 Front Light Assembly
- 2 Rear Light Assembly
- 2 Standoff Directional Mount
- 1 Hardware Kit Including:
  - 1 1/2"-20 Ball Receptacle
  - 1 Retainer Stud-1/2"-20 External Threads, 5/16"-24 Internal Threads
  - 2 5/16"-24 X 7/8" Hex Ball Stud
  - 2 1/2"-20 Internal Thread Ball Stud
  - 2 5/16"-24 Jam Nut, Chrome
  - 2 5/16" Internal Tooth Lock Washer, Chrome
  - 2 5/16" Split Lock Washer, Chrome
  - 10 4" Cable Tie, Black
  - 10 Pin Terminal Connector
  - 10 Contact Receptacle (16-20 Gauge)
  - 4 Ring Terminal Connector
  - 2 Black Rubber Plug
- 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 Hex Wrenches, Set of Combination Wrenches, Large and Small Flat Blade Screwdriver

**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.

**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.



### 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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**NOTE:** The fastener that holds the strut mount to the signal housing is for packaging purposes only and can be removed and discarded as it will not be needed for the installation.

**CAUTION!** Avoid potential electrical shock! Disconnect the battery before starting this procedure.

**STEP 2** Refer to the section of the service manual that applies to Amp Multilock Electrical Connectors and remove the front left and right turn signal wiring from their connectors. Make note of the cable tie placement for reference when securing new signal wiring in place.

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

**LEFT SIDE SWIVEL MOUNT**

**STEP 3** Remove the acorn nut and lock washer that hold the left mirror in place. Do not remove the mirror.

**STEP 4** Assemble ball receptacle on to the end of the mirror using the supplied lock washer placed below the receptacle and acorn nut. PIC 1 A dimple on the end of the ball receptacle will fit over a small bump on the underside of the clutch lever housing when properly aligned.

**STEP 5** Place ball and stud through the stud ball clamp and thread on jam nut. Screw the ball stud assembly into the left side signal housing and tighten the jam nut against the signal housing.

**STEP 6** Attach the signal housing to the handle bar by screwing the stud ball clamp onto receptacle. Point the signal straight ahead and then tighten the stud ball clamp securely to hold the signal in place.

**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.

**RIGHT SIDE SWIVEL MOUNT**

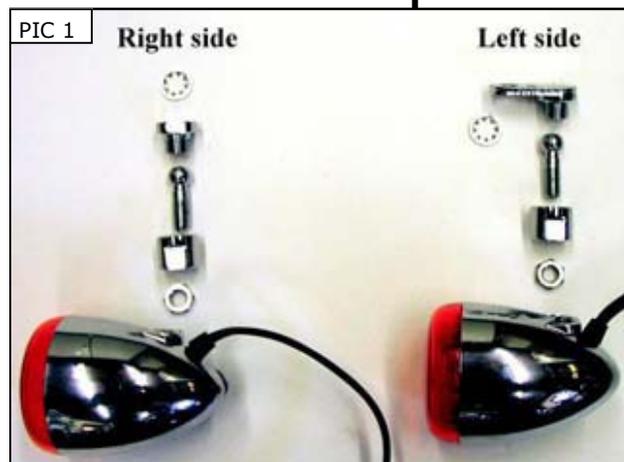
**STEP 7** Remove the acorn nut and lock washer that hold the right mirror in place. Do not remove the mirror.

**STEP 8** Place remaining lock washer over the end of the mirror, then screw the retainer onto the end of the mirror to hold it in place.

**STEP 9** Place ball stud through the ball stud clamp and thread on jam nut. Screw the ball stud assembly into the signal housing and tighten the jam nut against the housing.

**STEP 10** Attach the signal housing to the handle bar housing by screwing the ball stud clamp onto the retainer. Point the signal straight ahead and tighten the ball stud clamp securely.

**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.



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

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

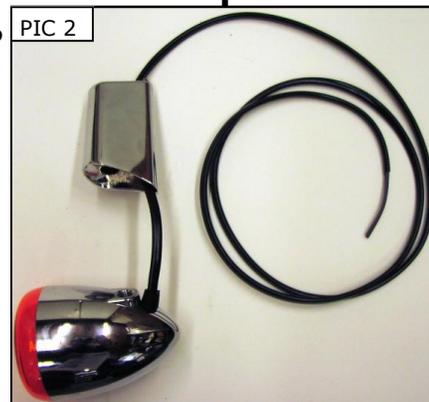
**STEP 11** Route signal wiring from the signals to the connector locations and cut wires to length. Following the instructions in the applicable service manual, install the terminals to the wires and install to the connectors. Mate connectors and install terminals from the signals to the factory locations.

**STEP 12** Reconnect the negative battery cable, start the bike and test for function.

**WARNING!** ENSURE PROPER TURN SIGNAL OPERATION BEFORE RIDING THE MOTORCYCLE. VISIBILITY IS A MAJOR CONCERN FOR MOTORCYCLISTS. TURN SIGNAL MALFUNCTION COULD RESULT IN DEATH OR SERIOUS INJURY.

**PROCEDURE FOR REAR TURN SIGNALS ON '90-UP XL AND '91 - UP DYNA WITH AIR FOIL STYLE SUPPORTS**

**WARNING!** REFER TO THE SECTION OF THE APPLICABLE SERVICE MANUAL THAT APPLIES TO AMP MULTILOCK ELECTRICAL CONNECTORS. PAY PARTICULAR ATTENTION TO THE ROUTING OF YOUR STOCK SIGNALS. ROUTING IN A DIFFERENT WAY FROM THE OEM ROUTING PATH COULD ALLOW THE REAR WHEEL TO WEAR THROUGH THE WIRES CAUSING SIGNAL MALFUNCTION, FIRE, INJURY OR DEATH.



**STEP 13** Disconnect the negative cable from your battery and remove rear turn signals.  
**1998 and earlier models:** Remove the seat and disconnect the connector halves following the instructions in the applicable service manual. Remove the left and right signal wiring from the connectors.

**1999 and later models:** Remove the left and right turn signal 2-pin connectors from the circuit board inside the tail light housing. Refer to the section of the service manual that applies to Amp Multilock Electrical Connectors and remove the left and right signal wiring from their connectors.

**STEP 14** Following the instructions in the applicable service manual, remove left and right signals and strut mounts. Save the mounting hardware, as it will be reused.

**STEP 15** Pull wire through the conduit and remove it from the housing.

**STEP 16** Measure the length of the wires from the turn signal being replaced and cut the wire from the new signals to the same length.

**STEP 17** Route wiring through the new strut mount as shown in PIC.2. Route the wires along the same path as the stock wires were routed.

**STEP 18** Install new signal housing and strut mount using the OEM hardware and tighten securely.

**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.

**NOTE:** When performing the next step, match the terminals to those on the lights being removed. On 1994 and earlier models, terminate the ground wire (black) using the ring terminal connector and secure it to a confirmed ground. Connect the power wire to the HD terminal for 1995 and earlier bikes mentioned above.

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**STEP 19** Following instructions in the service manual covering Amp Multilock Electrical Connectors, crimp new terminals onto the wires from the kit.

**STEP 20** Route wires back along the tail light conduit and install cable ties in the original locations.

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

**STEP 21** **For 1998 and earlier models:** insert terminals into the connector and mate the connector halves under the seat.  
**For 1999 and later models:** insert terminals into the 2-pin connectors and install the connectors to the circuit board inside the tail light housing.

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

**STEP 22** Connect the negative battery cable, start the bike and test for function.

**WARNING!** ENSURE PROPER TURN SIGNAL OPERATION BEFORE RIDING THE MOTORCYCLE. VISIBILITY IS A MAJOR CONCERN FOR MOTORCYCLISTS. TURN SIGNAL MALFUNCTION COULD RESULT IN DEATH OR SERIOUS INJURY.

### PROCEDURE FOR REAR TURN SIGNALS WITH TUBE STYLE SUPPORT

**WARNING!** REFER TO THE SECTION OF THE APPLICABLE SERVICE MANUAL THAT APPLIES TO AMP MULTILOCK ELECTRICAL CONNECTORS. PAY PARTICULAR ATTENTION TO THE ROUTING OF YOUR STOCK SIGNALS. ROUTING IN A DIFFERENT WAY FROM THE OEM ROUTING PATH COULD ALLOW THE REAR WHEEL TO WEAR THROUGH THE WIRES CAUSING SIGNAL MALFUNCTION, FIRE, INJURY OR DEATH.

**STEP 23** Disconnect the negative cable from your battery and remove rear turn signals.

**1998 and earlier models:** Remove the seat and disconnect the connector halves following the instructions in the applicable service manual. Remove the left and right signal wiring from the connectors.

**1999 and later models:** Remove the left and right turn signal 2-pin connectors from the circuit board inside rear tail light housing. Following the instructions in applicable service manual, remove the left and right signal wiring from their connectors.

**STEP 24** Pull wiring through conduit and remove from housing.

**STEP 25** Remove signal housing and strut mount. Save hardware for installation of the new signals.

**STEP 26** Measure the length of the wires from the turn signal being replaced and cut the wire from the new signals to the same length.

**STEP 27** The new lamp housing must be slightly modified prior to mounting.

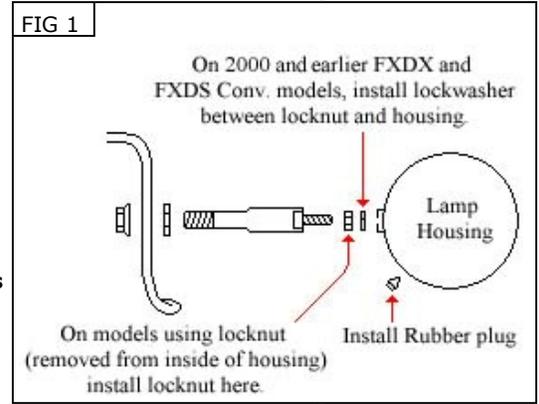
- A) Insert a flat head screwdriver into the recessed slot on the turn signal lens and gently twist until the lens pops out.
- B) Remove bulb by gently pushing in and turning counter-clockwise.
- C) Remove reflector by inserting small screwdriver between the reflector and the rubber grommet surrounding the reflector. Slowly and gently pry reflector from the lamp housing. Pay close attention to the position of the reflector in the lamp housing.
- D) Push wire grommet (surrounding wires) into the lamp and remove the reflector with the wires.
- E) Install rubber plug into the hole vacated by the wires.
- F) Carefully remove the plastic conduit from the wires

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**STEP 28** See FIG.1. Install lamp housing onto the support as shown. In cases where the locknut was installed originally to the support from inside the lamp, install the locknut to the support outside of the lamp. On 2000 and earlier FXDX and FXDS Convertible models, install the lock washer between the lamp housing and the chrome locknut.

**STEP 29** Align the housing and depending on the hardware...  
 A) Tighten the housing against the support.  
 B) Tighten the locknut against the housing.

**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.



**STEP 30** Route wiring from lamp assembly through the support and into fender.

**STEP 31** Install reflector and grommet to housing. You may use rubbing alcohol to lubricate the grommet and aid installation.

**STEP 32** Install bulb into reflector and then install the lens.

**NOTE:** When performing the next step, match the terminals to those on the lights being removed. On 1994 and earlier models, terminate the ground wire (black) using the ring terminal connector and secure it to a confirmed ground. Connect the power wire to the HD terminal for 1995 and earlier bikes mentioned above.

**STEP 33** Following instructions in the service manual covering Amp Multilock Electrical Connectors, crimp new terminals onto the wires from the kit.

**STEP 34** Route wires back along the tail light conduit and install cable ties in the original locations.

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

**STEP 35** For 1998 and earlier models: insert terminals into the connector and mate the connector halves under the seat.

For 1999 and later models: insert terminals into the 2-pin connectors and install the connectors to the circuit board inside the tail light housing.

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

**STEP 36** Connect the negative battery cable, start the bike and test for function.

**WARNING!** ENSURE PROPER TURN SIGNAL OPERATION BEFORE RIDING THE MOTORCYCLE. VISIBILITY IS A MAJOR CONCERN FOR MOTORCYCLISTS. TURN SIGNAL MALFUNCTION COULD RESULT IN DEATH OR SERIOUS INJURY.

*Ride On!*