



# INSTALLATION

## BLACK ERGO PLUS ENGINE GUARD

## 7577

### PARTS INCLUDED

- 1 Black Ergo Plus Engine Guard for FLST
- 1 Hardware Kit for Ergo Guard Containing:
  - 1 5/16" Flat Washer
  - 1 5/16"-18 x 3/4" Socket Head Cap Screw (SHCS)
  - 2 3/8"-16 x 1" Socket Head Cap Screws (SHCS) Full Thread
  - 2 3/8"-16 Nylock Nut
  - 2 3/8" Flat Washer
  - 1 Anti-seize Packet
- 1 Brake Arm for Ergo Guard
- 1 Hardware Kit for Brake Arm Containing:
  - 1 Cotter Pin
  - 1 Domed End Cap
  - 1 5/16"-18 x 1-3/8" Flat Socket Cap Screw
  - 1 Spacer
- 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, Combination Wrenches, 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.

**NOTE:** Pictures shown are of chrome parts. Installation of black parts will be the same.

**WARNING!** IF INSTALLING THIS PRODUCT FOR ANOTHER PARTY, PLEASE MAKE SURE THEY RECEIVE THIS COPY OF THE INSTALLATION INSTRUCTIONS SO THEY ARE AWARE OF THESE IMPORTANT WARNINGS.



### 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.

©2005 Kuryakyn USA® All Rights reserved.



**WARNING!** THE ERGO GUARD MAY NOT BE COMPATIBLE WITH SOME EXTENDED SHIFT LEVERS. IT IS THE RESPONSIBILITY OF THE INSTALLER AND END USER TO ENSURE THERE IS ADEQUATE CLEARANCE BETWEEN THE SHIFT LEVER AND THE ERGO GUARD.

**WARNING!** THE ERGO GUARD IS NOT DESIGNED OR INTENDED TO PROVIDE PROTECTION TO THE RIDER OR VEHICLE IN A CRASH OR COLLISION.

**WARNING!** IMPROPER INSTALLATION OR USE OF THIS PRODUCT COULD RESULT IN SERIOUS INJURY OR DEATH.

**WARNING!** THE INSTALLATION OF ERGO ENGINE GUARDS MAY AFFECT GROUND CLEARANCE WHEN CORNERING.

**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.

**WARNING!** THE INCLUDED BRAKE ARM MUST BE INSTALLED BEFORE OPERATING THE MOTORCYCLE WITH THE ERGO PLUS BAR INSTALLED. FAILURE TO DO SO MAY RESULT IN INHIBITED REAR BRAKING CONTROL WHICH COULD RESULT IN SERIOUS INJURY OR DEATH.

**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.

**STEP 2** Cover the front fender with a soft cloth to prevent scratches.

**CAUTION!** Avoid damage to the motorcycle. Protect painted surfaces with a soft cloth or blanket.

**ATTENTION!** Ensure that the supplied anti-seize is applied to all threaded fasteners before installation; this will make future removal of the fasteners easier.

**STEP 3** Place the Ergo Guard in to position and loosely secure the center mounting point using the supplied 5/16" Cap Screw and Washer. Do not fully tighten. See PIC 1

**STEP 4** Loosely secure both the left and right lower mounting points using the 3/8" Cap Screws, Flat Washers and Nylock Nuts. See PIC 2 and 3.

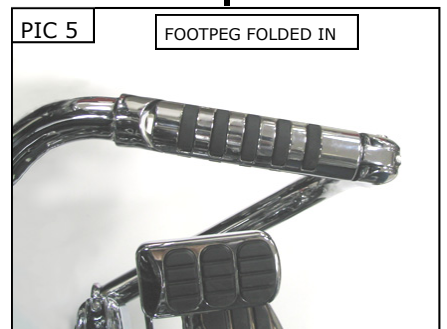
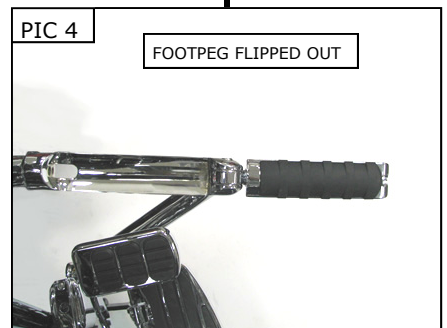
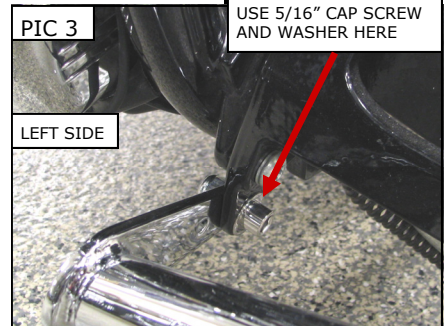
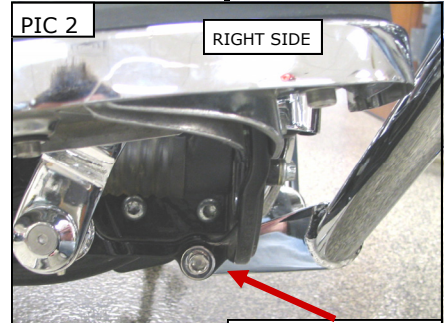
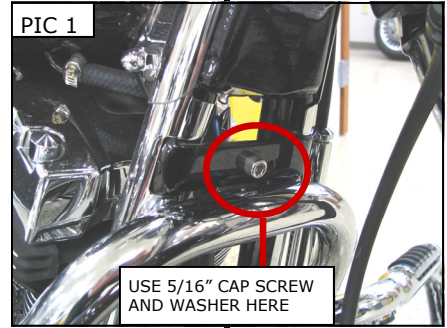
**STEP 5** Verify the Ergo Guard is positioned correctly with no interference to the bike's controls.

**CAUTION!** Ensure that the installation of this product does not interfere with the proper operation of the motorcycle before riding.

**STEP 6** Tighten the bottom fasteners to 33 ft/lbs and the top fastener to 19 ft/lbs.

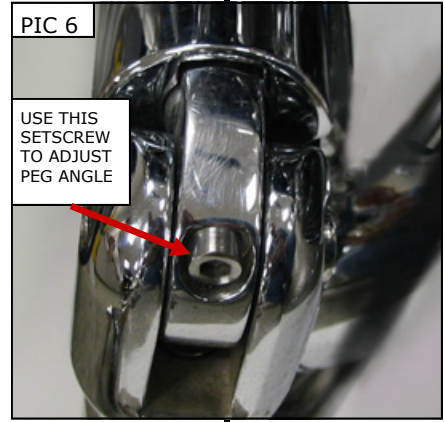
**STEP 7** The Ergo Guard has dual-position footpegs; rotate the footpegs out from the Ergo Guard to use in the extended position (PIC 4). Fold the footpegs in to the cutouts on the Ergo Guard to use in the retracted position (PIC 5).

-cont.-



**STEP 8** To adjust the angle of the footpeg when it is extended, adjust the set-screw on the footpeg (PIC 6). Back the screw out for a steeper angle and in for a flatter angle. Blue Locktite will help prevent the set screws from moving.

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



**BRAKE PEDAL INSTALLATION**

**WARNING!** THE INCLUDED BRAKE ARM MUST BE INSTALLED BEFORE OPERATING THE MOTORCYCLE WITH THE ERGO PLUS BAR INSTALLED. FAILURE TO DO SO MAY RESULT IN INHIBITED REAR BRAKING CONTROL WHICH COULD RESULT IN SERIOUS INJURY OR DEATH.

**STEP 1** Remove the right floorboard, stock brake pedal and linkage

**STEP 2** Slide the new brake pedal in to place on the pivot shaft. PIC 7

**NOTE:** On 2000 and later models the spacer included must be greased and placed at the end of the pivot shaft to lengthen it or the brake pedal will bind. When the spacer is installed, the end of the spacer will protrude slightly out of the end of the brake pedal. Secure with the new End Cap and Socket Cap Screw. PIC 7 Tighten to 12-16 ft/lbs.

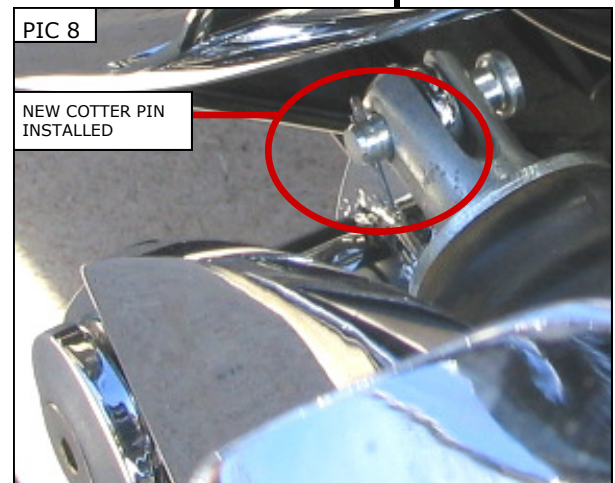
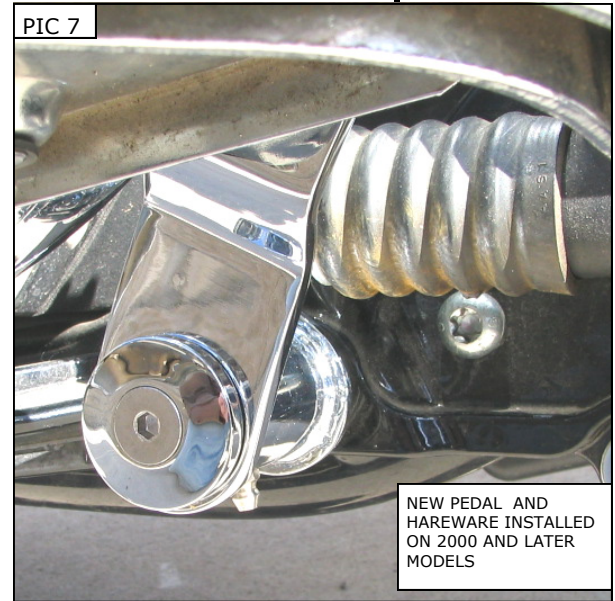
**STEP 3** Re-attach the stock brake linkage in reverse order it was removed using the new cotter pin and OEM clevis pin and washer. PIC 8 Install the OEM fastener and washer to retain the brake pedal. Tighten to 12-16 ft/lbs. Reattach the floorboard.

**STEP 4** Test for proper brake function and inspect for any possible interferences. Familiarize yourself with the new brake location before operating the bike on public roadways.

**CAUTION!** Ensure that the installation of this product does not interfere with the proper operation of the motorcycle before riding.

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

**ATTENTION!** Check clearance for proper operation of controls. Ergo guards provide additional positions to place your feet/new-riding positions. Confirm clearance and relation of the position of your feet to the shifter and the brake pedals.



*Ride On!*