



SMALL LED SILVER BULLETS 1617

AMBER LED SILVER BULLETS WITH FRONT FORK MOUNTS

FITS: H-D 41MM WIDE GLIDE (UNSHROUDED), '06-'07 DYNA WITH 49MM FRONT ENDS, AND H-D 39MM NARROW GLIDE FRONT ENDS

PARTS INCLUDED

- 1 39mm/49mm Front End Kit Including:
2 39mm/49mm Fork Mounts
2 5/16" I.D. Internal Tooth Lock Washers
2 5/16"-18 x 1" Button Head Cap Screws
2 3/8"-16 x 1-3/4" Flat Head Cap Screw
1 41mm Front End Kit Including:
1 41mm Mount — Left
1 41mm Mount — Right
2 5/16" I.D. Internal Tooth Lock Washers
2 5/16"-18 x 2-3/4" Socket Head Cap Screws
2 7/16"-20 x 1-3/4" Hex Bolt
2 7/16" I.D. Split Lock Washer
2 Small LED Silver Bullet Lights (Light Bodies Tapped 5/16"-18, wires exit through Light Housing)
1 Anti-Seize
1 Load Equalizer
3 Red Clip Wire Connector
1 Installation Instructions

Please read and understand entire instructions before starting installation.

THANK YOU FOR CHOOSING KÜRYAKYN!

NOTE: You may avoid splicing the wires on H-D motorcycles equipped with an 8-pin amp connector by purchasing Kuryakyn P/N 4837 Load Equalizer Adapter.

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.

CAUTION! This indication alerts you to the fact that ignoring the contents described herein can result in potential injury or material damage.

ATTENTION! This indication alerts you to the fact that ignoring the contents described herein may negatively affect product performance and functionality.

ITEMS RECOMMENDED FOR INSTALLATION

- Test Light
• Service Manual

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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 non-conforming 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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**ATTENTION!** Be sure to use the supplied anti-seize on all threaded fasteners before installation. This will reduce galling and make future removal of the fasteners easier.

## NOTES

Silver Bullets are not D.O.T. approved and are intended for use as auxiliary running, turn, or brake lights only.

Both installations will require the removal of the Stock Turn Signal Lights. Cut the associated wires at a convenient and inconspicuous splice location.

## PROCEDURE FOR 39MM/49MM FRONT ENDS

**STEP 1** Remove the pinch bolt on the lower triple clamp.

**STEP 2** Place the 3/8" Flat Head Cap Screw through the 39mm mount, and replace the stock pinch bolt with this assembly. (PIC. 1) Tighten to 30–35 Ft/Lbs.

**STEP 3** From the back side, so the threads will face outward, insert the 5/16" button head through the mounting bracket, followed by a 5/16" internal tooth lock washer. Install the silver bullet light to this fastener, level, and tighten securely. See PIC. 2.

**STEP 4** Repeat this procedure on the other side of the bike.

**NOTE:** Carefully turn forks left to right and check fuel tank clearance.

**STEP 5** Neatly route the wires to your chosen splice point and secure the wires neatly with cable ties.

**STEP 6** Proceed to wiring section.

## PROCEDURE FOR 41MM FRONT ENDS

**STEP 1** Remove the pinch bolt from the lower triple clamp.

**STEP 2** See PIC. 3. Assemble the light mount with the 7/16" Hex bolt and split lock and attach to the fork where the stock pinch bolt was removed. Tighten to 30–35 Ft/Lbs.

**STEP 3** From the back side, so the threads face outward, slide the 5/16"–18 x 2-3/4" S.H.C.S. into the mounting bracket — followed by the 5/16" internal tooth lock washer. Install the Silver Bullet light with this fastener. See PIC. 4.

**STEP 4** Repeat this procedure on the other side of the bike.

**STEP 5** Neatly route the wires to your chosen splice point, and secure the wires neatly with cable ties.

**STEP 6** Proceed to the wiring section.

## PROCEDURE FOR AMBER DUAL CIRCUIT (FRONT WIRING)

### **LED SILVER BULLET WIRE COLOR CODING IS AS FOLLOWS:**

Black — Ground

Blue — Running Lights (power)

Violet — Turn Signal (power)

**STEP 1** Turn key on. Test OEM stock front turn signal wiring with test light.

**STEP 2** Locate and mark the running light (power) wire.

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PIC. 1



PIC. 2



PIC. 3



PIC. 4



**STEP 3** Individually activate the turn signals and mark the side-appropriate wires.

**STEP 4** Use the color code above to solder/connect the corresponding Silver Bullet wires to your OEM stock wiring.

### **FOR HARLEY-DAVIDSON APPLICATIONS:**

#### **1996-PRESENT MODELS**

Join like colored wires on the Silver Bullets and the bike's turn signal harnesses. Insulate your connections. Route the wires safely out of harms way and tie the wires in place with nylon cable ties.

#### **1995-EARLIER MODELS**

With a test light, probe the two black wires leading to each of the stock front turn signals. On each side, the wire that has power only when the turn signal button is depressed is the turn signal positive wire. The wire that is "hot" constantly when the key is on is the running light wire. Connect the violet wire from the Silver Bullet to the bikes turn signal wire, and the blue Silver Bullet wire to the bikes running light wire. Connect the black wire from the Silver Bullet to a known good chassis ground (bare metal). Insulate your connections. Route the wires neatly out of harms way and secure them with nylon cable ties. When replacing stock incandescent turn signals with LED lights, it may be necessary to add a load equalizer to make the turn signals flash properly.

**NOTE:** *When using Amber Dual Circuit Silver Bullets in rear applications, blue running lights (power) wire will not be used. To avoid corrosion, tape off bare wire.*

Test the lights for run and flash functions. If they light, but do not flash in the turn mode, add the load equalizer. The load equalizer has one black and two violet wires. The violet wires are not side specific.

**NOTE:** *LED Turn Signals require the use of one Load Equalizer **PER PAIR OF LED TURN SIGNALS** to achieve the proper flash function. It is perfectly normal for the equalizer to get warm (about 140 degrees) during turn signal operation.*

### **LOAD EQUALIZER WIRING**

**CAUTION!** Do not secure the load equalizer to the control module! Excess heat from the load equalizer could damage the control module.

**CAUTION!** Always install the load equalizer upstream of any existing aftermarket multifunction control modules. Do not install a load equalizer between a module and the turn signals as this will overload the module. Overloading will damage the module and create a fire hazard!

**CAUTION!** Load equalizers generate heat when in use. Avoid using the turn signals for an extended period of time, otherwise the load equalizer will overheat. Never operate the four-way flashers unless you first remove the load equalizer. Overheating damages the load equalizer causing loss of turn signal operation and could create a fire hazard!

When hard wiring the equalizer directly into the OEM wires you will need to cut off the plug-in on the equalizer. The load equalizer should be installed under the seat or where the rear taillight harness is located (side cover). Connect one each of the equalizers two violet wires to the bikes left and the other violet wire to the right turn signal positive wires. The black wire on the equalizer is connected to one of the black lighting ground wires, or to a bare metal chassis ground.

Load equalizers generate heat under normal use. It is important to tuck the load equalizer neatly out the way so it does not come in contact with any of the bike's heat sensitive components. Ideally, it should be fastened to the frame to help dissipate heat.

**CAUTION!** Do not operate the four way flashers (parade riding, etc.) as the equalizer will overheat and fail.