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INSTALLATION INSTRUCTIONS

PRISM+ PRO KIT WITHOUT CONTROLLER   2804

DOWNLOAD APP TO PHONE: KURYAKYN PRISM+

THANK YOU FOR CHOOSING KURYAKYN!

Protect yourself and others from possible injury and property damage or loss. Pay close attention to all instructions, warnings, cautions, and notices regarding the installation, 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.
⚠ **CAUTION**	THIS INDICATION ALERTS YOU TO THE FACT THAT IGNORING THE CONTENTS DESCRIBED HEREIN CAN RESULT IN MINOR OR MODERATE POTENTIAL INJURY.
NOTICE	THIS INDICATION ALERTS YOU TO THE FACT THAT IGNORING THE CONTENTS DESCRIBED HEREIN MAY NEGATIVELY AFFECT PRODUCT PERFORMANCE AND FUNCTIONALITY OR DAMAGE THE PRODUCT ITSELF OR THE PRODUCT TO WHICH IT IS BEING ATTACHED.

ENSURE THAT THE FOLLOWING PARTS HAVE BEEN INCLUDED IN THE KIT:

10	Light Pod	1	Hardware Kit, containing:
2	8" Flex-Strip	12	Alcohol Pad
2	4" Flex-Strip	1	Dielectric Grease
8	9" Extension Cords	16	4" Cable Tie
2	12" Extension Cords	5	Adhesive Pads
2	24" Extension Cords	1	Adhesive 4" Strip
2	Y-Connectors - Short	1	Adhesive 8" Strip
2	Y-Connectors - Long	3	T-Tap Connector
4	Loop Connectors	3	Spade Connector

YOU WILL ALSO NEED:

Phillips screw driver, wire crimper, electrical tape, masking tape, clean rag and warm soapy water

NOTICE	THESE INSTALLATION INSTRUCTIONS CONTAIN IMPORTANT INFORMATION. ENSURE THE END USER RECEIVES THIS COPY AND IS AWARE OF ITS IMPORTANCE FOR FUTURE USE.

PIC 1

LIGHT PODS

8" FLEX-STRIP

4" FLEX-STRIP

SPADE CONNECTORS

T-TAP CONNECTORS

LOOP CONNECTORS

9" EXTENSION CORDS

Y-CONNECTORS LONG

Y-CONNECTORS SHORT

24" EXTENSION CORDS

12" EXTENSION CORDS

Note: This kit does not include a Prism+ Bluetooth Controller. If motorcycle is not already equipped with a Prism+ Bluetooth Controller, one must be purchased separately, P/N 2468. Not compatible with Prism Bluetooth Controller.

NOTICE	REFER TO THE LAST PAGE OF THE INSTALLATION INSTRUCTIONS FOR L.E.D. COUNTS FOR EACH VARIATION OF PRISM+ LIGHTS. BLUETOOTH CONTROLLERS HAVE A MAX CAPACITY OF 250 L.E.D.S CONNECTED TO IT AT A TIME. MAX CAPACITY PER CHANNEL IS 100 L.E.D.S, BUT THE CONTROLLER SHOULD NEVER EXCEED A TOTAL OF 250 L.E.D.S CONNECTED TO IT.

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INSTALLATION INSTRUCTIONS

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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 motorcycle cool.

NOTICE   **ENSURE PROPER ADHESION OF THIS PRODUCT. REMOVE ALL GREASE, OIL, BUGS, DIRT, AND OTHER DEBRIS (INCLUDING WAX AND POLISH) FROM THE INSTALLATION AREA. KURYAKYN WILL NOT PROVIDE WARRANTY COVERAGE ON PRODUCTS OR COMPONENTS LOST OR DAMAGED DUE TO IMPROPER INSTALLATION.**

DO NOT ATTEMPT THIS INSTALLATION IN TEMPERATURES BELOW 50°F (10°C). PROPER ADHESIVE BONDING ONLY OCCURS ABOVE 50°F (10°C).

STEP 2   Using warm soapy water and a clean rag, remove all dirt and debris from the installation areas for the lights; allow the area to dry completely. Wipe the installation areas with the included alcohol pads to remove any wax or polish; allow the area to dry completely. **DO NOT INSTALL PARTS AT THIS TIME!**

STEP 3   Refer to FIG 1. Determine areas of the bike you wish to apply lights to. Test fit the lights and mark the desired locations with masking tape. Determine which provided cords and connectors will be suitable for your desired locations. Make adjustments to placement where needed.

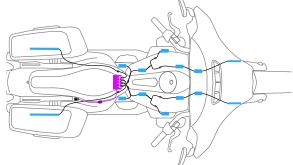*Note: The diagram shows suggestions, not requirements, of where to install Prism+ lights. Get creative and have fun!*

STEP 4   Refer to PIC 2. Locate existing installed Prism+ Bluetooth Controller; or install the Prism+ Bluetooth Controller, or other Prism+ Light Kit, per the instructions provided with them.

STEP 5   Refer to PIC 2. Connect cords and lights to the Bluetooth Controller, or to previously installed lights and cords; being aware of the four different channels on the controller: front left, front right, rear left, and rear right. Turn on the Bluetooth Controller switch, open the Kuryakyn Prism+ App on your phone, and pair the two devices. Test for proper function of the lights before fully installing them on your bike.

Note: Refer to PIC 3. Make note of the raised dot and the Kuryakyn K-shield logo on opposite ends on each part. When connecting cords to cords, cords to lights, or lights to lights be sure that the raised dot and K-shield logo are both visible when connecting. When parts are connected, the K-shield logos of those parts should be visible on the same side. If within your chain of cords and lights a shield is facing in the opposite direction, it is connected incorrectly.

STEP 6   After testing the lights, disconnect all lights and cords from the Bluetooth Controller.

TOP VIEW OF BIKE DIAGRAM   **FIG 1**

PIC 2

PRISM+ BLUETOOTH CONTROLLER OFF BIKE VIEW

PIC 3

RAISED DOT   K-SHIELD LOGO

K-SHIELD LOGO   RAISED DOT

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NOTICE   **THE THERMAL LIMIT OF THE MODULE IS 55˚C (131˚F). IF THE BLUETOOTH CONTROLLER EXCEEDS THESE TEMPERATURES PRISM+ LIGHTS MAY MALFUNCTION.**

STEP 7   Set the controller within a safe open space located in or around the motorcycle's frame near the battery. Feed the controller's power switch out from the inner frame area and set it, but do not install it, in desired location.

OPTIONAL
BRAKE-REAR TURN SIGNAL FUNCTIONALITY
  • Brake-rear turn light features work when "RIDE" mode is turned on in the Kuryakyn Prism+ App.
  • Optional Brake-Rear Turn functionality is not compatible with all years, makes and models.

STEP 8   **IF NOT USING THE BRAKE-REAR TURN FEATURE, OR IT IS NOT APPLICABLE TO YOUR MOTORYCLE:**
Use electrical tape to individually wrap the exposed pigtails wires, and secure them in a safe place. Proceed to Step 10.

STEP 9   **CONNECTION OF BRAKE-REAR TURN PIGTAILS, IF APPLICABLE TO MOTORCYCLE:**
Refer to PIC 4 through 7.
Be aware of the pigtail wires coming from the controller: red = battery, white = brake, black = left turn signal, and yellow = right turn signal. Connect spade connectors to the exposed Controller pigtail wires.

On the bike, locate a brake light wire, a left turn signal wire, and a right turn signal wire (colors of wires will vary depending on bike models - refer to your service manual for assistance). Install a supplied T-Tap to each of the bike's light wires that were just located.

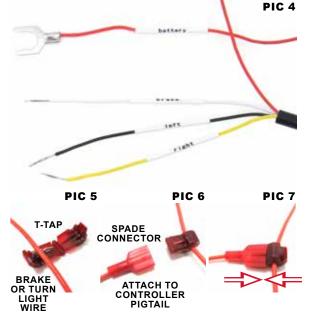Plug the Spade Connectors into corresponding the T-Taps.

STEP 10   Locate the extension cords that will connect to the controller. Apply a small amount of dielectric grease to the plugs and attach them to the controller, and feed them through the bike frame to desired locations. Verify the position of the lights again, and re-adjust their placements if necessary before fully installing them.

NOTICE   **TO ENSURE PROPER FUNCTIONALITY OF THE LIGHTS (BRAKING AND TURN SIGNALS, IF APPLICABLE), BE SURE THEY ARE CONNECTED TO THEIR PROPER CHANNEL: FRONT LEFT, FRONT RIGHT, REAR LEFT, OR REAR RIGHT.**

STEP 11   Use your fingernail to rub the adhesive backing; this will activate the adhesive. Do not remove backing until actually placing lights on bike.

PIC 4

PIC 5   PIC 6   PIC 7

T-TAP

SPADE CONNECTOR

BRAKE OR TURN LIGHT WIRE

ATTACH TO CONTROLLER PIGTAIL

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STEP 12   Apply a small amount of dielectric grease to the extension cords that are connected to the controller. Connect lights to the cords.

STEP 13   Remove and discard backing from light's adhesive backer. Align and place light to bike. Press into place for one minute; full bonding will occur after 24 hours.

STEP 14   Repeat the process of applying dielectric grease to lights and cords, connecting them, and adhering lights to the bike until all lights are installed.

STEP 15   Refer to FIG 2 and PIC 8. Per each channel, connect a loop connector on the end of the branch that has the most L.E.D.s on it. Be sure the raised dot on the Loop Connector is aligned with the K-shield logo on the light. Refer to the L.E.D. count table located on the last page to help you determine how many lights are on each branch and each channel.

Note: FIG 2 is for reference only, as connection of cords and lights will vary.

STEP 16   Test function of lights. Ensure all of the lights properly function before operating motorcycle.
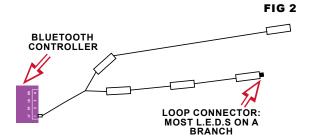
STEP 17   Refer to PIC 9. Remove and discard adhesive backer from the Bluetooth Controller's switch. Align and place it on the bike. Press into place for one minute; full bonding will occur after 24 hours.

STEP 18   Secure all cords in a safe place. Ensure that cords are secured away from any moving parts, excessive heat or pinch points.

NOTICE   SECURE ALL WIRING AWAY FROM ANY MOVING PARTS, PINCH POINTS OR EXTREME HEAT. KURYAKYN WILL NOT ISSUE A WARRANTY ON ANY ELECTRICAL COMPONENT THAT FAILS DUE TO PINCHED, CRIMPED, BROKEN, ABRADED, MELTED OR FRAYED WIRES.

STEP 19   Reinstall seats and any other part that may have been removed during the process to gain access to your battery.

NOTICE   IT IS THE INSTALLER'S RESPONSIBILITY TO ENSURE THAT ALL OF THE FASTENERS (INCLUDING PRE-ASSEMBLED) ARE TIGHTENED BEFORE OPERATION OF THE MOTORCYCLE. KURYAKYN WILL NOT PROVIDE WARRANTY COVERAGE ON PRODUCTS OR COMPONENTS LOST DUE TO IMPROPER INSTALLATION OR LACK OF MAINTENANCE. PERIODIC INSPECTION AND MAINTENANCE ARE REQUIRED ON ALL FASTENERS.

FIG 2

BLUETOOTH CONTROLLER

LOOP CONNECTOR: MOST L.E.D.S ON A BRANCH

PIC 8

LOOP CONNECTOR

K-SHIELD LOGO   RAISED DOT

PIC 9

BLUETOOTH CONTROLLER'S SWITCH OFF BIKE VIEW

LIMITED WARRANTY

Kuryakyn warrants that any Kuryakyn products sold hereunder, shall be free of defects in materials & workmanship for a period of one (1) year from the date of purchase by the consumer excepting the following provisions:

1. 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).
2. The product must be properly installed, maintained & operated under normal conditions.
3. Kuryakyn shall not be liable for any consequential & incidental damages, including labor & paint, resulting from failure of a Kuryakyn product, failure to deliver, delay in w in nonconforming condition, or for any breach of contract or duty between Kuryakyn & a customer.
4. 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.
5. 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 & workmanship for 3 years from the date of purchase whereas all other components shall be warranted for one (1) year.
6. All warranty claims must be directed to the place of purchase. Merchandise sold through internet auction sites or any other unauthorized reseller shall not carry a Kuryakyn warranty. If unsure, please contact the place of purchase to verify they are an authorized Kuryakyn reseller.

RETURN POLICY

Merchandise determined to be defective may be returned up to one year from the date of purchase. Returns must be processed through original seller. Returned merchandise for any other reason other than warranty claims must be in like new condition & subject to a 20% restocking fee. All returns are subject to inspection for determination of full or partial credit. Any returned part that shows evidence of being used or installed contrary to manufacturer's instructions, &/or subjected to improper handling, packaging or return shipping by the customer, will not be eligible for exchange, refund or warranty consideration. All returned electrical items will be inspected & tested. If electrical item is deemed functional, no credit will be issued & item will be returned. All sales are final on discontinued or closeout merchandise.

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> **NOTICE** REFER TO THE L.E.D. COUNT TABLE FOR EACH VARIATION OF PRISM+ LIGHTS. BLUETOOTH CONTROLLERS HAVE A MAX CAPACITY OF 250 L.E.D.S CONNECTED TO IT AT A TIME. MAX CAPACITY PER CHANNEL IS 100 L.E.D.S, BUT THE CONTROLLER SHOULD NEVER EXCEED A TOTAL OF 250 L.E.D.S CONNECTED TO IT.

PRISM COMPONENTS	L.E.D. COUNT
HEADLIGHT 7"	48
HEADLIGHT 5-3/4"	36
PASSING LIGHT 4-1/2"	24
ROULETTE	16
FLARE	8
4" STRIP	8
8" STRIP	16
POD*	8 L.E.D. COUNT (*4 CONTROLLER READ COUNT)

The bluetooth controller reads a <u>pod light as 4 L.E.D.s</u>, even though they have a total of 8 L.E.D.s.

CREATING A SINGLE CHAIN OF PODS AND/OR STRIP LIGHTS:
Refer to FIG 1.1. Do not exceed the 100 L.E.D. maximum capacity per channel. Place a loop connector on the very end of the chain of lights.

CREATING A SINGLE CHAIN OF PODS AND/OR STRIP LIGHTS WITH A HEADLIGHT OR ROULETTE WHEEL:
Refer to FIG 2.1. Do not exceed the 100 L.E.D. maximum capacity per channel. Place Headlight or Roulette Wheel on the end of the chain.

USING A Y-CONNECTOR WITH A HEADLIGHT, THE PASSING LIGHTS, A ROULETTE WHEEL, OR THE FLARE LIGHTS:
Refer to FIG 3.1. When Y-Connectors are used with a Headlight, the Passing Lights, a Roulette Wheel, or the Flare Lights, each branch of the Y-Connector needs to have the same amount of L.E.D.s to function properly. Lights can be placed before a Y-Connector as long as the 100 L.E.D. maximum capacity per channel is not exceeded.

When balancing a branch using Pod Lights the controller reads them as 4 L.E.D.s, but the actual count is 8 L.E.D.s per Pod. The 8 count is used in the overall total of L.E.D.s on a channel. Make sure not to exceed the 100 L.E.D. maximum capacity per channel.

USING A Y-CONNECTOR WITH PODS AND/OR STRIP LIGHTS ONLY:
Refer to FIG 4.1 and 4.2. When using Y-Connectors, the branch with the most L.E.D.s on it needs to have a loop connector added to the end of it.
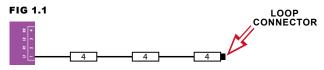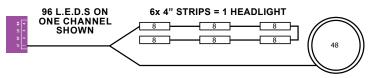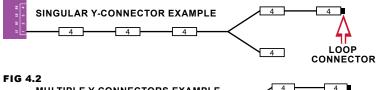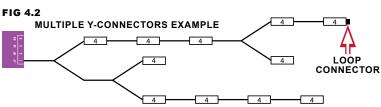
FIG 1.1

LOOP CONNECTOR

FIG 2.1

FIG 3.1

96 L.E.D.S ON ONE CHANNEL SHOWN

6x 4" STRIPS = 1 HEADLIGHT

FIG 4.1

SINGULAR Y-CONNECTOR EXAMPLE

LOOP CONNECTOR

FIG 4.2

MULTIPLE Y-CONNECTORS EXAMPLE

LOOP CONNECTOR

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