



**02-003
LED LIGHT KIT
WITH DAYTIME RUN LIGHTS
WILL FIT YAMAHA® DRIVE®
INSTALLATION INSTRUCTIONS**

INCLUDED:

- 2 LED Headlights
- 2 LED Tail Lights
- Wiring Harness
- Screws
- Straps
- Rocker Switch

TOOLS NEEDED:

- #2 Phillips Head Screw Driver
- Cutting Tool
- Sandpaper
- Power Drill
- 15/32 Drill Bit
- Marking Pen

HEADLIGHTS & TAILLIGHTS



HARNES



Madjax recommends professional installation. If you choose to not have this product installed by a professional, we highly recommend that you exercise caution, care, and patience when installing this product as it involves drilling holes into your cart's body.

There are optional daytime runlights in the LED headlights. For instructions on how to utilize this feature skip to **STEP 8.**

Remove all plastic rivets from floor mat. Retain hardware. Remove floor mat.



Lift plate from floor to expose pedal assembly.



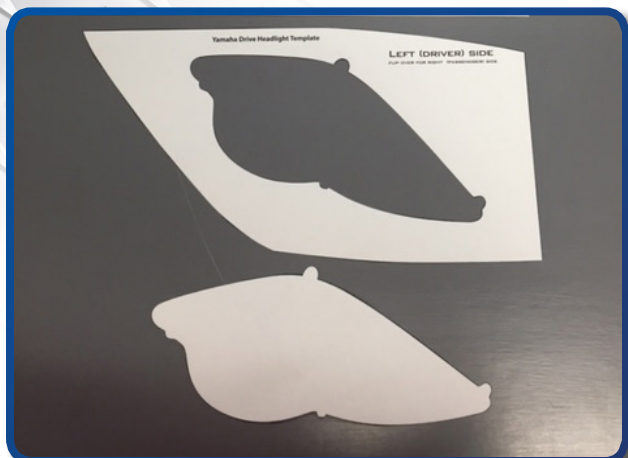
Route wiring harness through pedal assembly area to areas for headlights and tail lights. Route wiring harness through dash to mount headlight Rocker switch.

IMPORTANT: *Route wiring harness in such a way to prevent it rubbing against or being pinched by moving parts (e.g., suspension). When routing the harness to the rear of the vehicle, tuck the harness into the routing well that runs into the battery compartment and use opening in the front of the battery compartment.*



Cut out templates.

IMPORTANT: *You MUST cut all lines on the templates. This will give the necessary guides for aligning the templates with the contours in the vehicle's bodywork.*



Align template to front cowling contour using the lower edge of the cowling as shown. Trace the inside of the cutout to mark the headlight position using a marking pen. Once driver side cutout is traced, flip the template over and mark the passenger side.



IMPORTANT: *Cut the cowling to the inside of the mark.*

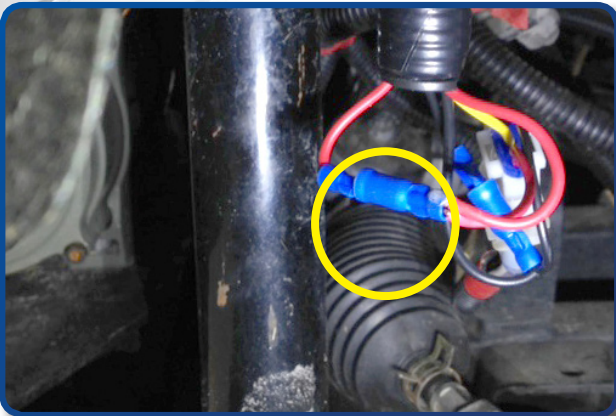
Drill pilot holes on the **INSIDE** of the marks as shown.





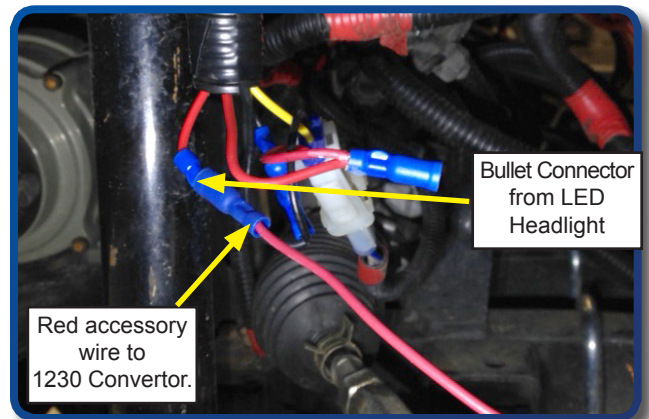
Place headlight assemblies into cutouts and attach to wiring harness. Fasten headlight assemblies to cowling using the supplied screws.

NOTE: If you wish to run daytime lights a MJ1230 Converter will be needed to operate them through your keyswitch. If you do not, the daytime run lights will still come on with your headlights and you can skip to STEP 11.



Unplug bullet connector's on Headlight side of 3 pin connectors as shown.

Using a 16-18 AWG wire with a female bullet connector, attach to the red accessory wire from your MJ1230 Converter.



When you turn on the key switch the daytime run lights will now come on. They will stay on when you turn on the headlights and will only turn off when the keyswitch is off.

(A) Mark the rear cowling using the supplied template. Align the template to outermost of the edge closest to the vehicle's center, as shown.

(B) Drill a pilot hole.



IMPORTANT: As you approach the top of the cut, back out (reduce the depth of) the cutting tool to prevent cutting into the fender well.

Route wiring harness behind rear fender wells. Connect tail light to wiring harness and mount to body using supplied fasteners.

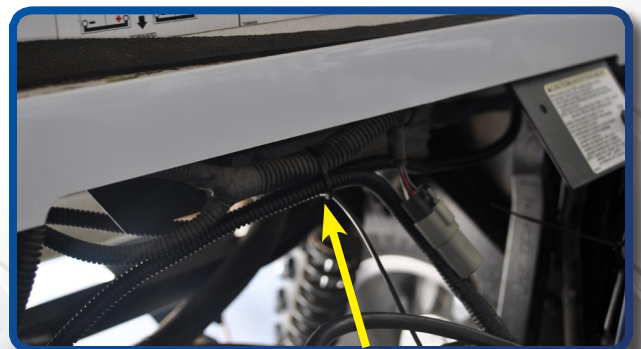
NOTE: PASSENGER LIGHTS HAVE A RED 3-PIN CONNECTOR.

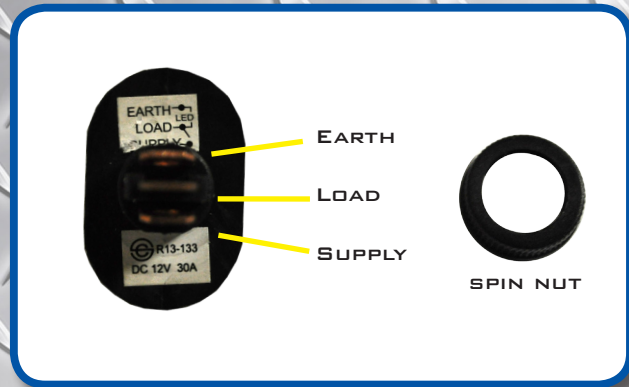


Secure the wiring harness to vehicle's main wiring harness in pedal assembly area using the supplied zip ties as shown.

IMPORTANT: Fasten the wiring harness to frame members in the front of the vehicle in order to prevent the harness from making contact, rubbing, or being pinched by moving parts, such as the suspension.

Tie the wiring harness to the main harness at the back of the battery compartment as shown.

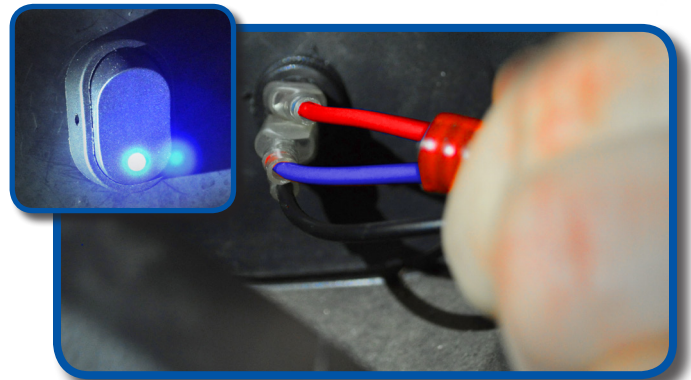




Earth - Ground (black)
 Load - 12v(+) switched (blue)
 Supply - 12v(+) constant (red)

Using a 15/32" drill bit, drill out the hole for the rocker switch.*Drill gently. Remove nut from rocker switch, feed switch through the drilled hole. and tighten with nut.

Attach harness to rocker switch as shown.



Connect the wiring harness to the battery pack.

IMPORTANT: The cart's battery pack configuration will determine how the wiring harness is connected to the battery pack.

CAUTION: THIS LIGHT KIT IS A 12V SYSTEM. SUPPLYING MORE THAN 12V TO THE SYSTEM WILL DAMAGE THE LIGHT KIT AND VOID YOUR WARRANTY. DO NOT OVERLOAD.

If your cart is equipped with **FOUR 12V** batteries, connect the wiring harness across one battery as shown below.

If your cart is equipped with **SIX 8V** batteries, you will need to use a 16V to 12V voltage reducer. In this case, you will connect the voltage reducer across **TWO** of the 8V batteries, and then connect the wiring harness to the appropriate connections on the voltage reducer.



Yamaha® Drive® with 12V Battery Configuration

INSTALLATION COMPLETE

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QUICK TIPS & TROUBLESHOOTING

Troubleshooting tips reflect common issues among all light kits. Some information stated below may regard to other Madjax Light kits. If you have more questions please contact customer service 866-410-5297.

Quick tip: Lay out the light harness and plug in all lights and connect to power supply to make sure everything is working properly before installation. Helps to isolate problems.

Everything is connected and nothing is working. ** Make sure you are getting at least a full 12 volts. Unplug each light to make sure it is not a short in one of the lights. Check the inline fuse connected to the positive battery post to make sure it is not blown.

My light kit blows the fuse when I connect the rocker switch. ** Make sure that the pins on the back of the rocker switch are well separated when you plug everything in. Also make sure that the load and supply are not swapped on the switch.

**PLEASE VISIT WWW.MYMADJAX.COM
FOR MORE INSTALLATION
VIDEOS AND SUPPORT**

02-018 ULTIMATE LIGHT KIT HARNESS

- RED = 12V CONSTANT
- BLUE = 12V+
- GRAY = FLASHER, DRIVER HEADLIGHT
- GREEN = FLASHER, PASSENGER HEADLIGHT
- BLACK = GROUND
- WHITE = FLASHER, DRIVER TAIL LIGHT
- BROWN = FLASHER, PASSENGER TAIL LIGHT
- YELLOW = 12V BRAKE
- PURPLE = 12V HORN

RED CONNECTORS ARE FOR PASSENGER LIGHTS

