

Revised December 2014



MJLK3001

LIGHT KIT

WILL FIT YAMAHA® G-SERIES*

INSTALLATION INSTRUCTIONS



INCLUDED:

- 2 Headlights
- 2 Tail Lights
- Wiring Harness
- Screws
- Straps

TOOLS NEEDED:

- Phillips Head Screw Driver
- Cutting Tool
- Sandpaper
- Power Drill
- 15/32 Drill Bit



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.

1

Remove the front seat, and remove the cup holder.



Locate a place on the dashboard to mount the switch. We recommend using the location shown as it does not interfere with the cup holder when reinstalled and also allows you to easily route the wiring harness.

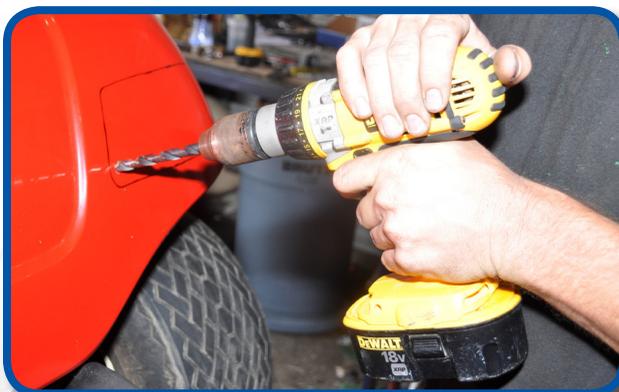
Use a 15/32" drill bit and drill at location marked in Step 2.



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

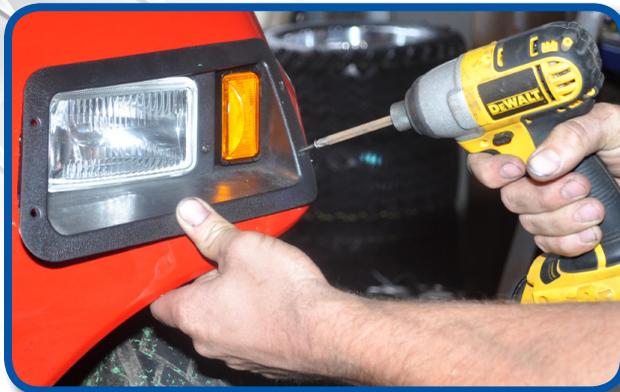
Mount the switch through the hole and attach to dashboard using the switch's trim ring.
Route wiring harness through cowling.

Cut out Headlight Template and tape to bodywork as shown. For best results, ensure the center most edge of the template is aligned with the bodywork's geometry. Mark cutout with a Sharpie or other permanent marker. Simply flip the template over to do the other side.



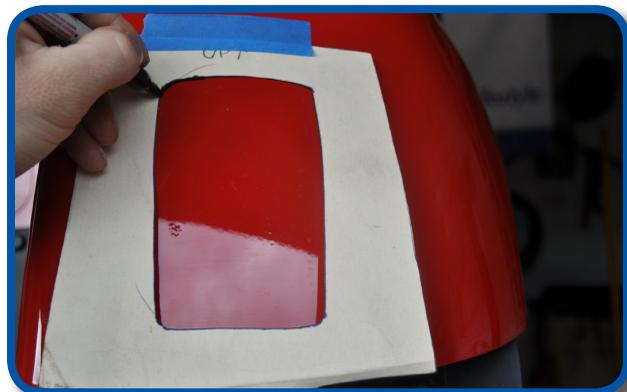
Drill pilot holes on the **INSIDE** of the marks as shown.

Cut out bodywork. **IMPORTANT:** As you approach the top of the cut, back out the cutting tool to prevent cutting into the fender well. Cut the cowling to the inside of the mark.



Place headlight assemblies into cutouts and attach to wiring harness. Fasten headlight assemblies to cowling using the supplied screws. **IMPORTANT: DO NOT OVERTIGHTEN SCREWS.**

Align the Taillight Template to outermost of the bodywork's curvature (the point where the bodywork turns toward the cart's front) closest to the vehicle's center. Mark the cutout



Drill a pilot hole and cut, again staying to the **INSIDE** or on the mark.

1 1

Route wiring harness behind rear fender wells. Attach rear lights and mount to bodywork using supplied screws.



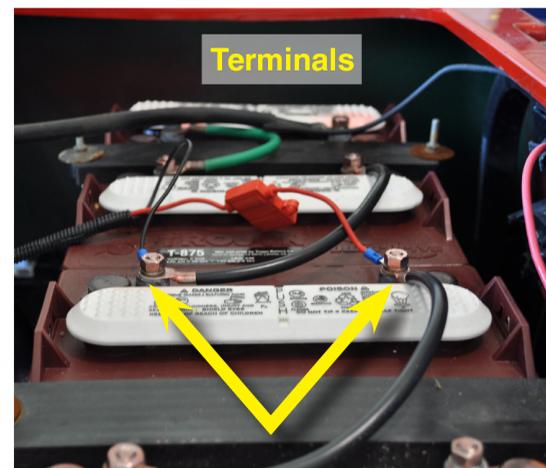
2

Use the supplied zip ties to fasten wiring harness to vehicle. MadJax recommends fastening 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. Use two zip ties to tie the wiring harness to the frame at the back of the motor compartment as shown. Replace motor cover.

IMPORTANT: How you connect the wiring harness to your cart's battery pack will depend entirely on your cart's battery pack configuration. This light kit is intended for 12 Volt applications. Take care not to supply too much voltage to the unit as this will cause a failure that is not covered by manufacturer's warranty.

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

If your cart is equipped with **SIX 8V** batteries, you will need a 16V to 12V voltage reducer, such as the MADJAX MJ1612VR. 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.



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.

The headlights won't stay adjusted?

Make sure the adjustment screw is tight and if it will not stay tight you can add a star washer to help hold it in place.

Everything is connected and nothing is working?

Make sure you are getting at least a full 12 volts at the light kit. 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.

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

BASIC HARNESS

BLACK = GROUND
 RED = 12V SWITCHED
 WHITE = 12V SWITCHED
 RED2 = 12V CONSTANT
 BLUE = 12V SWITCHED

