



MJLK3000



Light Kit for Yamaha® Drive® Installation Instructions

What's in the box:

- Right and Left Headlight Assemblies
- Right and Left Tail Light Assemblies
- Wiring Harness with Headlight Switch
- 16 x Barbed Plastic Fasteners
- 8 x Zip ties

1. Remove front seat.

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

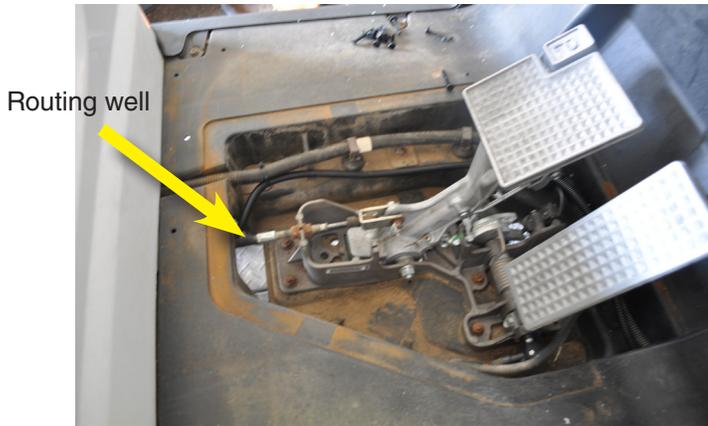


3. Lift plate from floor to expose pedal assembly.



4. Route wiring harness through pedal assembly area to areas for headlights and tail lights. Route wiring harness through dash to a location to mount headlight pull switch.

Ensure you place 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.

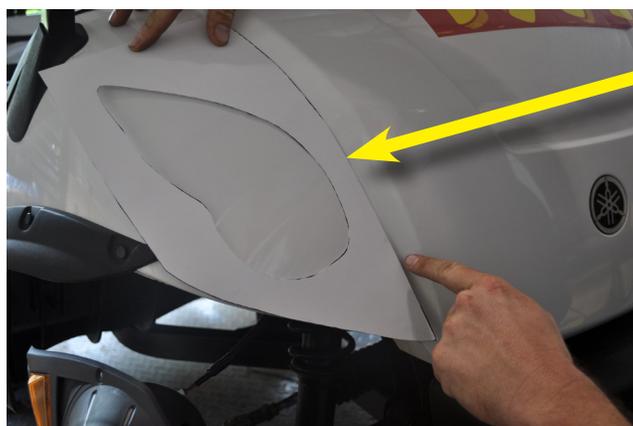


Cut out templates.

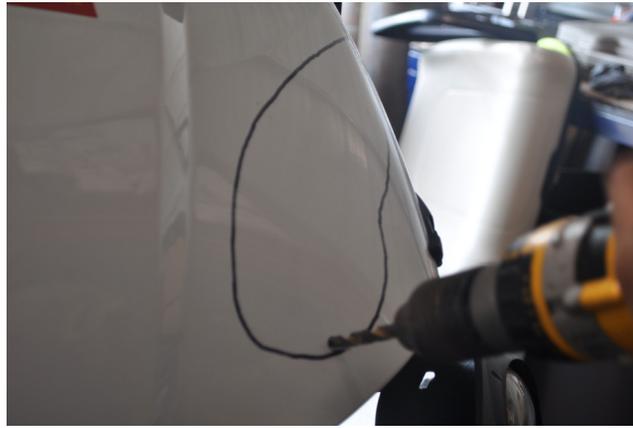
IMPORTANT: You MUST cut all lines on the templates. This will give you the necessary guides for aligning the templates with the contours in the vehicle's bodywork.



5. 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 permanent marker (e.g., Sharpie®). Once you have completed the right side, flip the template over and mark the left side.

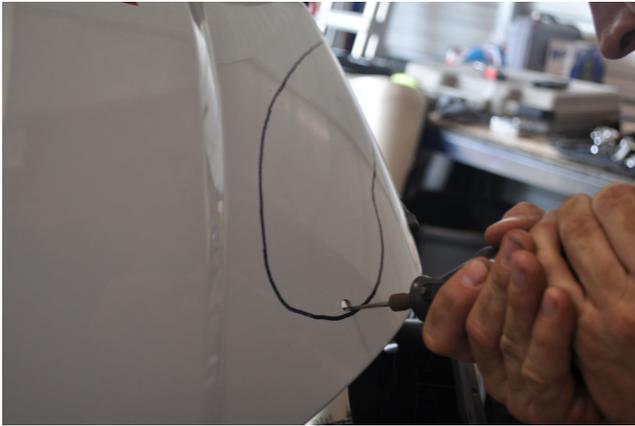


6. Drill pilot holes on the INSIDE of the marks as shown.



7. To cut the cowling, MadJax recommends the use of a rotary tool (such as a Dremel® or RotoZip®) and a bit specifically made for cutting plastic.

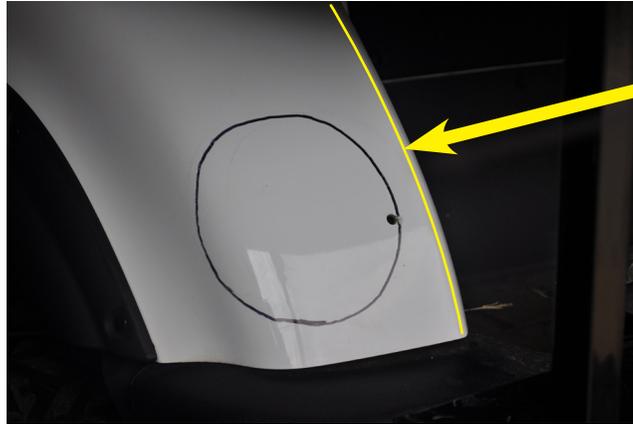
Cut the cowling to the inside of the mark.



8. Place headlight assemblies into cutouts and attach to wiring harness. Fasten headlight assemblies to cowling using the supplied barbed plastic fasteners.



9. Mark the back cowling using the supplied template. Align the template to outermost of the edge closest to the vehicle's center.



From the cart's **CENTER**, use **OUTERMOST** edge of the contour

10. Drill a pilot hole and cut out cowling.

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



NOTE: To tell the left tail light assembly from the right tail light assembly, the smallest indentation in each tail light assembly surround will be towards the vehicle's **CENTER**.

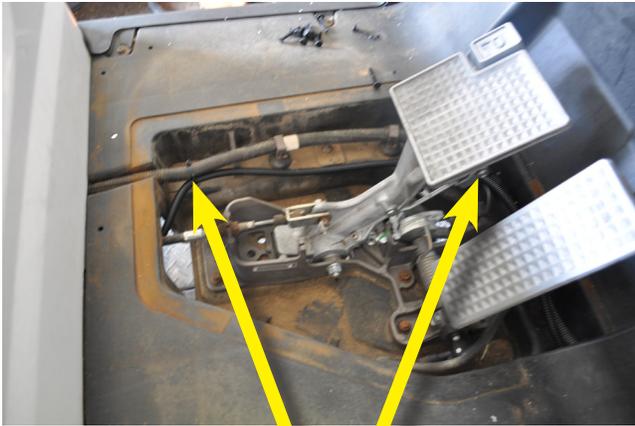


Smallest indentation mounts towards vehicle's **CENTER**

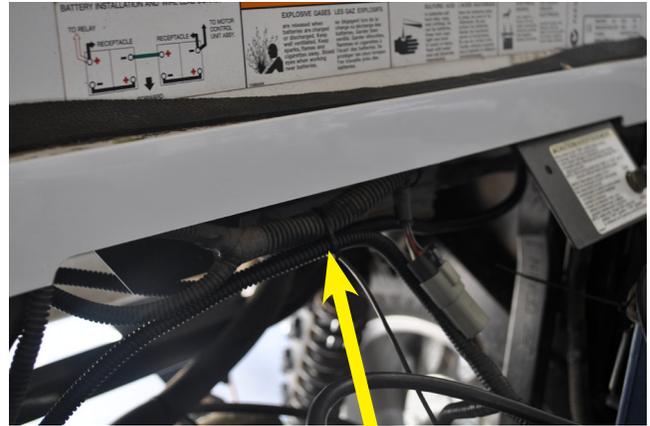
11. Route wiring harness behind rear fender wells. Attach rear lights and mount to cowling using supplied barbed plastic fasteners.



12. To fasten wiring harness to vehicle use the supplied zip ties. 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 in the pedal assembly area, as shown, to tie the wiring harness to the main wiring harness. Tie the wiring harness to the main harness at the back of the battery compartment as shown.



Zip Tie Locations (location at right of photo is *behind* brake pedal)

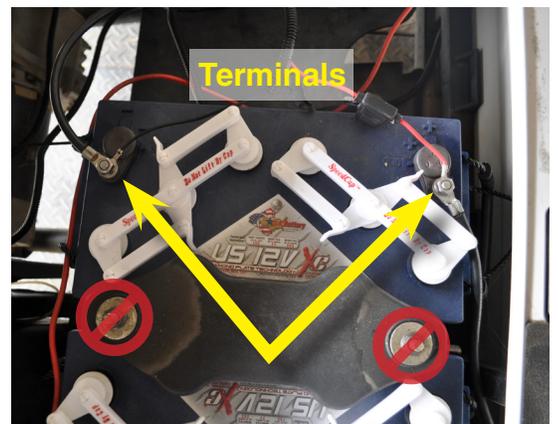


Zip tie to main harness at rear of battery compartment.

IMPORTANT: How you connect the wiring harness to your cart's battery pack will depend entirely on your cart's battery pack configuration. 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.



Yamaha® Drive® with 12V Battery Configuration