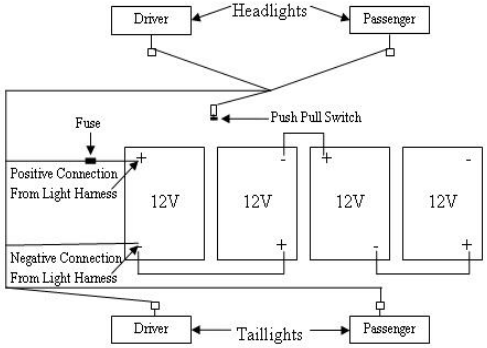
Wire Harness Installation

1. Make sure the positive and negative connections from the battery or battery pack have been removed.
2. Raise the front of the car and set it securely on safety jack stands. Make sure the car's safety brake lock is "ON" and the rear wheels are blocked.
3. Remove the push/pull switch from the wiring harness.
4. Starting in the battery engine compartment on the driver side, position the wiring harness with the two taillight wires going toward the rear of the car.
5. Following the car frame, thread the harness with front headlight connectors and ignition switch connectors towards the front and up under the center of the cowl.
6. Connect the harness to the headlights.
7. Thread the wires for the push/pull switch along the cart wire harness leading to the key switch and fasten securely.
8. Remove the knob, retaining nut and washer from the switch and connect it to the harness. Insert the shaft of the switch into the hole previously drilled and secure using the washer and nut to reattach the knob.
9. Make sure the switch wires are free from obstruction and sharp edges and secure to the golf cart main wire harness with zip ties. Reattach the beverage holder.
10. Run the remaining wire looms toward the rear of the car, following the frame. Connect the short loom to the driver side taillight and the long loom follows the rear frame cross tube and connects to the passenger side.
11. Make sure the wires and push/pull switch are not touching the frame or any metal parts on the car.
12. Connect the positive wire of the loom to the positive terminal of the battery or power supply.
13. Pull the push/pull switch to the "on" position
14. Briefly touch the negative wire to the negative terminal. Light sparks are normal, but a bright, arcing flash indicates a short in the system. If the lights illuminate correctly, push the push/pull switch to the "off" position and connect the wire to the terminal.



Yamaha 48 Volt System with 12 Volt Batteries

15. Inspect the wiring installation to make sure nothing is pinched or rubbing and that no portion of the harness is below the frame. Secure harness as needed with zip ties.
16. Lower the car from the jack stands.

Headlight Adjustment

1. Position the golf car on a level surface approx 8' in front of a wall.
2. Turn on the headlights and observe where the center of each beam shines on the wall. A basic starting position is 28" up from the floor.
3. To adjust, loosen the two hex head adjustment screws on the headlight assembly with a 4mm hex head wrench. Adjust the headlight beam to the desired location and lock into place by tightening the two 4m hex head adjustment screws.

This completes the installation of your LGT-307 light kit. Please enjoy safely.

LGT-307

Factory Style Light Kit

Yamaha Drive

Installation Instructions

Contents of LGT-307 Yamaha Drive Factory Style Light Kit:

a	(1 ea)	Driver/Passenger Headlight assembly
b	(1 ea)	Driver/Passenger Taillight assembly
c	(1)	Wiring harness w/ switch
d	(16)	1/8" x 3/4" Stainless Steel Screws
e	(10)	Zip ties
f	(1)	Installation Manual with templates

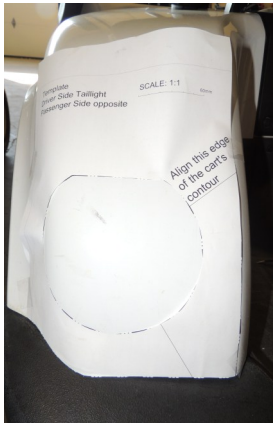
Caution: Before starting this project, remove the system positive & negative connections from the battery or battery pack. Please read through the instructions carefully.

Headlight/Taillight Cut-outs

Step 1

1. Cut out the headlight from the template. Place the template on the **driver** side front cowl facing up and out. Carefully position the template and tape into place, using caution with freshly painted surfaces. Mark the cut out area and remove the template.
2. Apply masking tape along the outer edges of the lines. This provides protection for the cowl surface.
3. Carefully drill a hole on the inside corners of the lines using a drill bit large enough for the saw blade. Do not drill outside of the lines.
4. Using a jig or roto saw, insert the blade into one of the holes and carefully cut along the marked line until the piece of cowl is removed. Remove the tape. Use a file or 80 grit sandpaper to smooth the edges.
5. Flip the template over and repeat steps 1-4 on the passenger side.
6. Cut out the taillight from the template. Place the template on the **driver** side rear body facing up. Carefully position the template and tape into place. Mark the cut out area and remove the template.
7. Repeat steps 2-4 for the taillight.
8. Repeat steps 6 & 7 for the passenger side taillight.

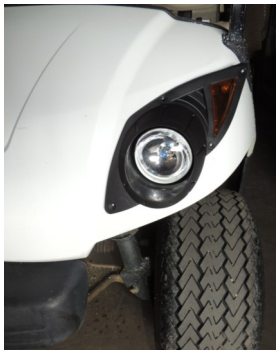
Step 4



Step 6

Step 7

Headlight/Taillight Installation



1. Insert the driver and passenger headlight assemblies into their respective holes and check for overall fit. File or sand the cut out if necessary. Align both bezel assemblies and tape into place. Take some reference measurements and step back to visually ensure proper alignment.

2. Once the headlights are properly aligned, fasten the headlights to the cowl. On the driver side, use the bezel as a template to drill a 1/32" hole in the cowl on the upper inside corner. Insert, but do not tighten, the included 1/8"x3/4" screw. Repeat this on the lower outside corner. Now drill the two remaining holes and insert two more screws. Hand-tighten, using caution not to over tighten the four screws
3. Repeat step 2 for the passenger side.
4. Repeat steps 1 & 2 for driver and passenger taillights.

Push/Pull Switch Cut-out

1. Remove the beverage holder by first removing the hex head mounting bolt with a 3mm allen wrench. Then pry gently upward on the cup holder assembly until it becomes free from the mounting tabs.
2. Measure 1 1/2" to the left of the forward/reverse switch and 1" down return edge of the cup holder. Mark the spot for the push/pull switch. Using a center punch, punch this spot where the push/pull switch will be installed. Carefully drill a 3/8" hole for the switch. Use a file to remove sharp edges.

CAUTION: Be sure not to drill into the cart's main wire harness

Note: This light kit is designed to be used with 12V-DC Power Only! On gas cars, you can connect to the positive and negative terminals of the 12V battery. On 48 volt electric cars with four 12 volt batteries you can connect to the positive and negative terminals of one 12 volt battery. For cars with 8 volt batteries or to connect to the entire 48V system, you muse use a voltage reducer Part Number VOLT-0002 or VOLT-0003. Connecting to any voltage greater than 12 volts DC will destroy your light kit and void any and all warranty.