



# Light Kit Installation Instructions

Club Car DS 93+

LGT-375



## Contents of LGT-375 Club Car Light Kit:

- (1 ea) Driver/Passenger Headlight assembly
- (1 ea) Driver/Passenger Taillight assembly
- (1) Wiring harness w/ switch
- (10) Zip ties
- (1) Installation Manual with templates
- (8) Stainless Steel Screws

**Caution:** Before starting this project, remove the vehicle's positive & negative connections from the battery or battery pack. Please read through the instructions carefully. Operating the LGT-375 light kit at a voltage over 12 Volts can destroy the light kit and can void any or all warranty.

### Headlight/Taillight Cut-outs

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 saw, insert the blade into one of the holes and carefully cut along the marked line until the piece of cowl is removed. Be certain to cut to the inside of the marked line as the lip of the light bezel does not leave much margin for error. 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 1-4 for the taillight.
8. Repeat steps 6 & 7 for the passenger side taillight.

### Headlight/Taillight Installation

1. Remove the 2 retaining brackets from each headlight assembly.
2. Insert the headlight assemblies into their respective holes.
3. Slide headlights toward the center of the cowl and depress so the plastic tabs on the headlight slide behind the plastic of the cowl.
4. Press down on the headlight so it is seated against the front body.

5. Mount the retaining brackets to the headlights so they press against the inside of the front body.
6. On the driver side, use the taillight bezel as a template to drill a 1/32" hole in upper inside corner. Insert, but do not tighten, the included 1/8"x3/4" screw. Repeat this on the remaining 3 holes. Hand-tighten, using caution not to over tighten the four screws.
7. Repeat for the passenger side.

### Push/Pull Switch Cut-out

1. Locate a convenient location for the push/pull switch on the center dash panel and mark with a center punch. Carefully drill a 3/8" hole for the new switch.

**Note:** This light kit is designed to be used with 12V-DC Power Only! On gas cars and electric cars with 12v batteries you can connect to the positive and negative terminals of one 12V battery. On 36V electric cars, you can use two of the series connected 6V batteries, connecting the positive wire to the positive terminal on the first battery and the negative wire to the negative terminal of the second battery. On 48V systems with 8 volt batteries , you must use a voltage reducer. Operating the LGT-375 light kit at a voltage over 12 Volts can destroy the light kit and can void any or all warranty.

### 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 steering column.
8. Remove the knob, retaining nut and washer from the switch and connect it to the harness. Reaching under the front driver side, insert the shaft of the switch into the hole in the panel and secure using the washer and nut. Reattach the knob.

9. Make sure the switch wires are free from obstruction and sharp edges and secure to the steering column with zip ties.
10. Run the remaining wire looms toward the rear of the car, following the frame. Connect the short loom to the driver side taillight. The long loom follows the rear frame cross member 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.

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.

