



LGT-381L

E-Z-Go TXT 2014+

SS Factory Style Light Kit, LED Bulbs

Installation Instructions



Caution: Please read through the instructions carefully. Before starting this project, remove the system's positive and negative connections from the battery or battery pack. This kit is designed for a 12V operation only. Operating this kit at a higher voltage will void any and all warranties. Look behind each drill location BEFORE YOU DRILL. Installer is responsible for damage (i.e. drilling into a wiring harness, battery, fuel tank etc.).

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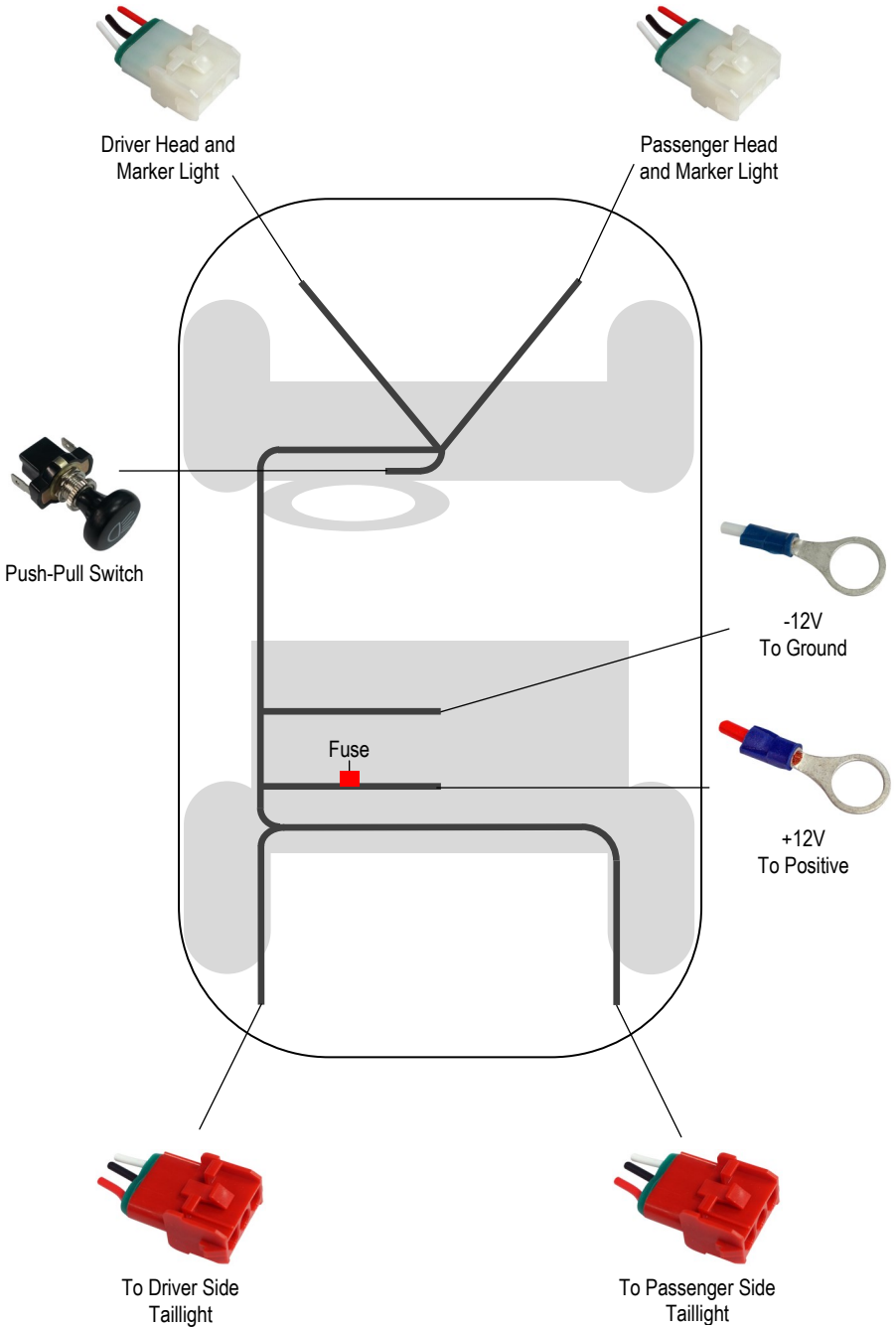
Tools Needed for Installation

- Screwdriver (Phillips)
- Sockets & Open Ended Wrenches (1/2")
- Drill, Drill Bits & Hole Saws (1/2")
- Wire Cutters
- Jig Saw or Rotary Tool
- Sandpaper or File

Before You Start

1. Turn Key OFF.
2. Place Tow/Run Switch in Tow if equipped.
3. Remove the system's positive and negative connections from the battery or battery pack.
4. Engage the parking brake.

Wire Harness Overview



Headlight Preparation

1. Cut out the headlight template following the guidelines.

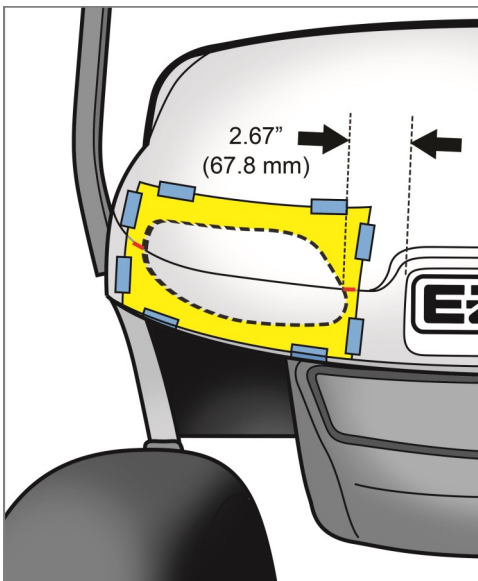
2. Place the template on the passenger side front cowl and align it with the cowl mold lines and emblem. Secure with painter's tape.

3. Trace the inside contour of the template using a marking device.

NOTE: To prevent chipped paint on a painted cowl, tape over the drawn line and redraw over the tape using the template.

4. Using a jig saw or rotary tool, cut out the INSIDE of the marked area. Test fit the headlight and make any adjustments before removing the tape. Once the light fits, remove the tape and sand any rough edges.

5. Flip the template over and repeat Steps 2-4 for the driver's side.



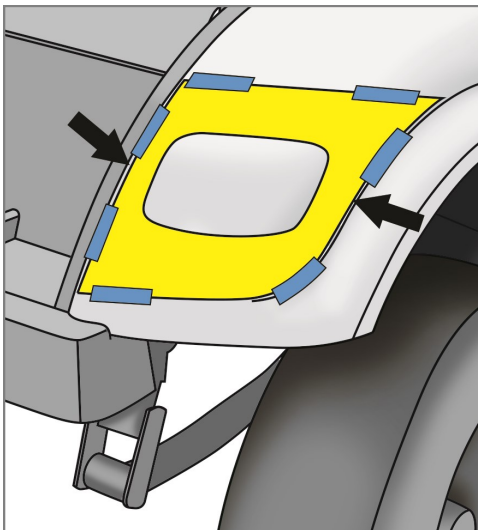
Taillight Preparation

1. Cut out the included taillight template following the guidelines.

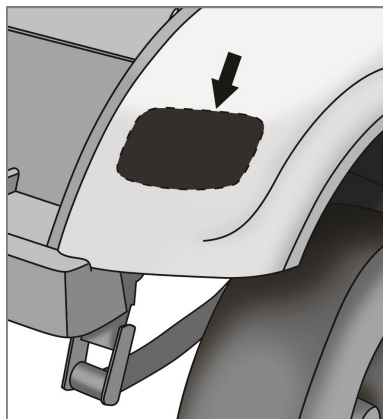
2. Use painter's tape to tape the template to the passenger side rear body of the cart. Align the template with the body lines as indicated on the template.

3. Use a marking device to trace the inside contour of the template onto the body.

NOTE: To prevent the paint from chipping, lay painter's tape down first and trace over the tape.

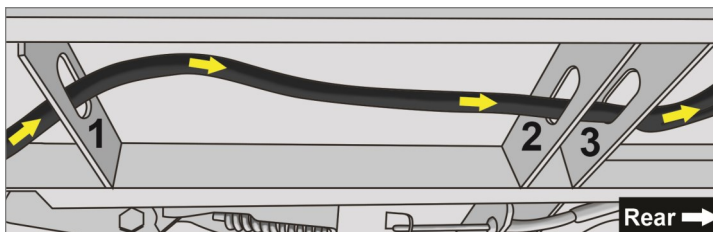


4. Use a jigsaw or rotary tool to cut out the INSIDE of the marked area. Test fit the taillight. If needed, make any modifications and retest. Once it is fitted properly, remove the tape and sand any rough edges.
5. Flip the template over and complete Steps 2-4 for the driver taillight.

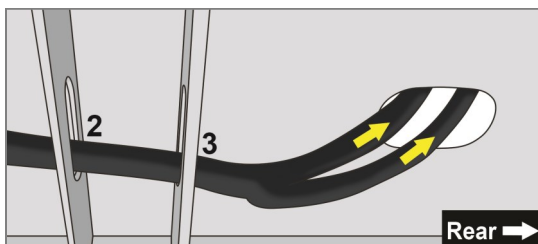


Wire Harness Installation

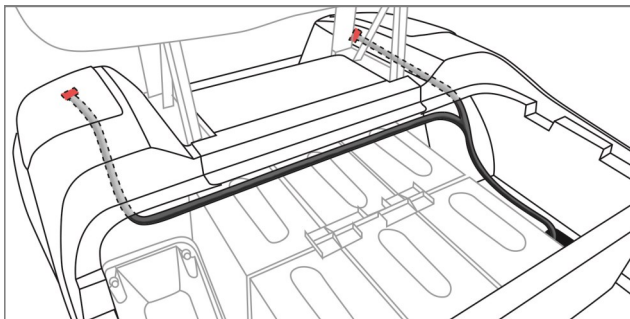
1. Completely remove the front seat bottom assembly.
2. Lay the harness parallel to the driver side of the cart to help with orientation of the harness before installation.
3. From underneath the driver side of the cart, gently run the rear portion of the harness (taillight & battery connections) through the (3) openings in the frame, starting at the front and working towards the rear.



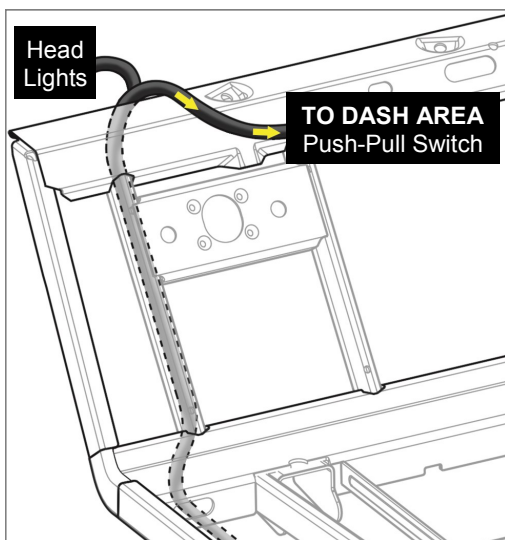
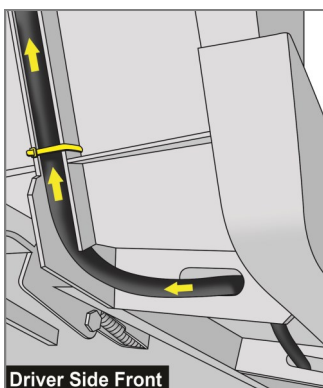
4. Route the taillight and battery connections up through the access hole that leads to the battery compartment. Set the battery leads to the side. They will be connected after installation of the harness and lights.



5. Route the taillight leads to the holes that were cut out for the taillights. The shorter lead will go over the driver side inner fender. The longer lead will go behind the battery pack and over the passenger fender.

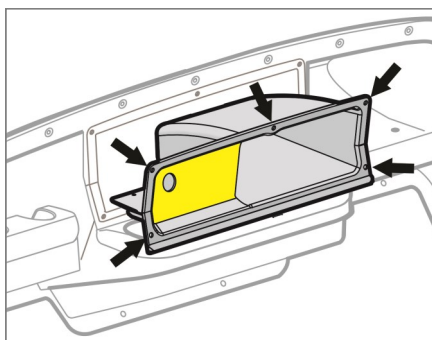


6. Route the front portion of the harness through the vertical channel on the driver side. Loosely secure with cable ties.
7. Route the push-pull switch over the chassis and into the dash area. The headlight leads will remain in front.

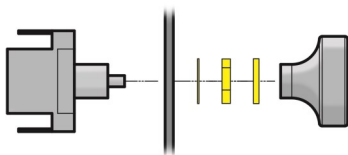


Push-Pull Switch Installation

1. Remove the center compartment from the dash by removing the (5) screws. Use caution not to damage any wires.
2. If powering the lights with a push-pull switch, locate a free space near the key switch area (shown in yellow) to install the push-pull switch. This area should be free and clear of wires and accessories.
3. Mark the center of the mounting location and drill a 1/2" hole. File rough edges.

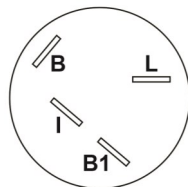


4. Remove the knob, retaining nuts and lock washer from the push-pull switch and insert the shaft of the switch into the newly drilled hole.
5. Secure using the lock washer and retaining nuts. Reattach the knob.



KEY-51 Key Switch Installation

1. Disconnect the original key switch and remove it from the center compartment. Retain the hardware.
2. Install KEY-51 in the same location where the original key switch was removed using the Original Hardware.
3. Disconnect the push-pull switch at the spade terminals.
4. Connect the two spade connectors from the original key switch to "B" and "I" on the back of KEY-51. Connect the two spade connectors from the push-pull switch to "B1" and "L".



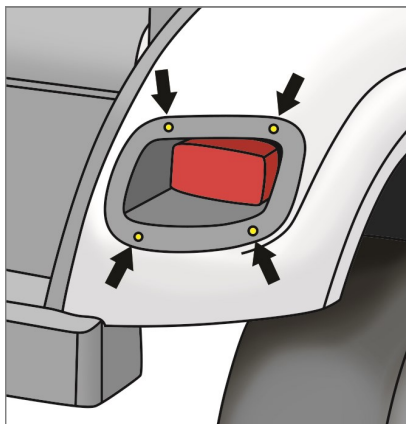
Headlight Installation

1. Insert the headlights from behind the front cowl. The tension clips (yellow) will remain behind the cowl, keeping the lights in place.
2. Connect the headlight connectors on the harness to the matching connectors on the headlights.
3. Secure any loose wires with cable ties.



Taillight Installation

1. Connect the taillights to the taillight leads on the main harness.
2. Insert the taillight assemblies into the holes cut out earlier. Once in place, secure with the (8) Included Screws.
3. Secure the taillight wires to the frame with cable ties so they are safely out of the way of the tires.



Power Connections

NOTE: Complete this section once the lights, wire harness and push-pull switch have been installed.

CAUTION: This light kit is designed for 12V DC operation only. Please be advised that operating this light kit at a voltage over 12V DC can damage components and will void any and all warranties.

1. Verify the cart is in the TOW position (if equipped) and the key is OFF.
2. Verify any exposed wires and the push-pull switch are not touching the frame or any metal parts on the cart.

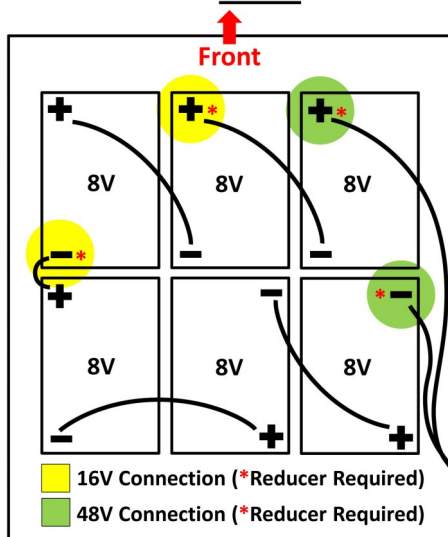
3. Connect the positive and negative battery connections from the light kit's harness to the batteries. Tighten the nuts but do not over tighten. Over tightening can destroy the battery posts.

Gas Carts: Connect the wires to the 12V battery.

48V Electric Carts with 8V Batteries for 12V Output: A voltage reducer is required to reduce the voltage to 12V.

Note: Light sparks can be normal when connecting the batteries, but a bright arching flash indicates there is a short in the system. The diagram on the right shows the batteries in factory configuration. Always test the batteries with a voltage meter as each configuration may vary.

48V TXT with 8 Volt Batteries



4. Put the cart in the RUN position (if equipped) and turn the key ON.
5. Turn the lights ON and test them to make sure they function properly.
6. Secure any loose wires with cable ties.

Your TXT Light Kit is now complete.
Please enjoy safely!

Scan QR code or use the link below to view the installation video.

<https://vimeo.com/user39935056>

