

LHT EZ9 6001 HEAD LIGHT KIT

Instructions for EZGO TXT Models



The Headlight Kit includes:

- (1) Complete Light Kit Harness
- (1) Wire Harness for brake lights
- (1) 20 amp light switch.
- (1) Left & Right hand headlight assemblies.
- (16) Mounting screws.
- (6) Tie Straps
- (1) Wiring instructions & templates



SET UP:

Reminder: Safety glasses should be worn at all times during the installation!

1) Disconnect the battery and/or battery pack before starting. **MAKE SURE YOU PLACE THE RUN/MAINTENANCE SWITCH IN THE TOW OR MAINTENANCE POSITION, BEFORE DISCONNECTING THE BATTERIES (DCS/PDS models only). FAILURE TO DO SO MAY DAMAGE THE ELECTRONIC SPEED CONTROLLER!**

2) Mark the headlight cut outs appropriately using the enclosed template. Take your time and ensure the template is lined up correctly for each side; use of a Dremel tool or our headlight/taillight cutter (BU9-36024 sold separately) for cutting the holes. After the holes are cut, mount the light assemblies and double check they are in proper alignment prior to drilling the mounting screw holes (use 1/8" drill bit). Secure the assemblies with a Phillips head screw driver.

WIRE ROUTING:

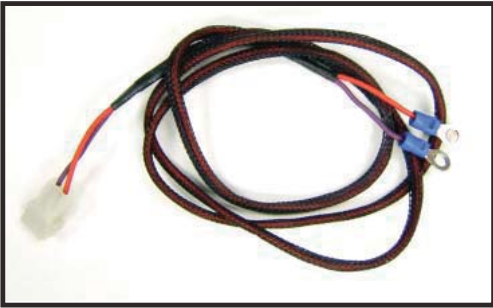
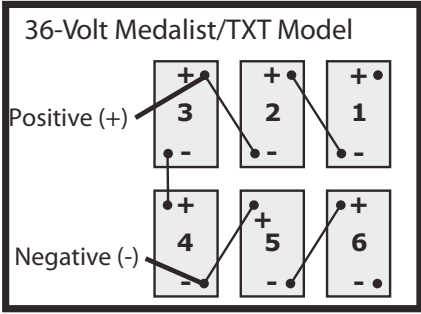
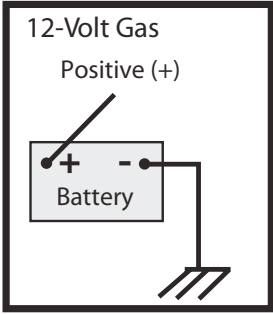
1) Remove the seat assembly. From inside the battery compartment or engine compartment (on the passenger side), route the harness through and under the main frame along side the cart's existing wiring harness. The part of the harness being used at this point is the light switch end and routing it towards the front of the cart to the dash and front headlights. The passenger side headlight is color coded with yellow, blue and black wires. The light harness will have matching colors for that side. The driver side headlight will have matching blue, green and black wires and the light harness will have matching colors for that side as well. Note: While routing the harness, make sure the harness wires do not interfere with any moving parts such as steering, brake, accelerator linkage and steering axle.

2) For ease of installation remove the cup holder assembly. Plug the front lights into the appropriate color coded connectors at this time, but do not tie off any loose wires of the harness until the rear installation is completed. Route the light switch to the dash and drill a 1/2" mounting hole for the switch (use a 31/64" drill bit for a tight fit).

3) If tail lights are added to this kit, route the rear half of the harness under the rear of the body taking care the harness does not interfere with any moving parts or sharp objects. Ensure you are routing the proper color coded wires to the correct taillight assembly. Yellow, brown and black is the driver's side taillight assembly. Green, brown, and black is the passenger's side taillight assembly. Connect the color coded wires into the appropriate plug-in connectors. You are now ready to tie off all loose wiring. Use plastic tie straps to secure the harness starting at the front of the cart working your way back to the rear of the cart.

4) The final two connections will be the Black negative wire and Red positive wire to the battery pack (see diagram). There are two sizes of rings connectors in the kit. The rings with the 5/16" hole is for electric vehicles and the rings with the 3/8" hole are for gas vehicles. Again, ensure the wires are free of moving parts and sharp objects. Connect the cables back to the batteries and spray cote the terminals with Terminal Spray Protector (BT60512 sold separately). Wait 30 seconds (for DCS/PDS Carts only) after placing the Run/Maintenance switch back in the run position, before driving the cart.

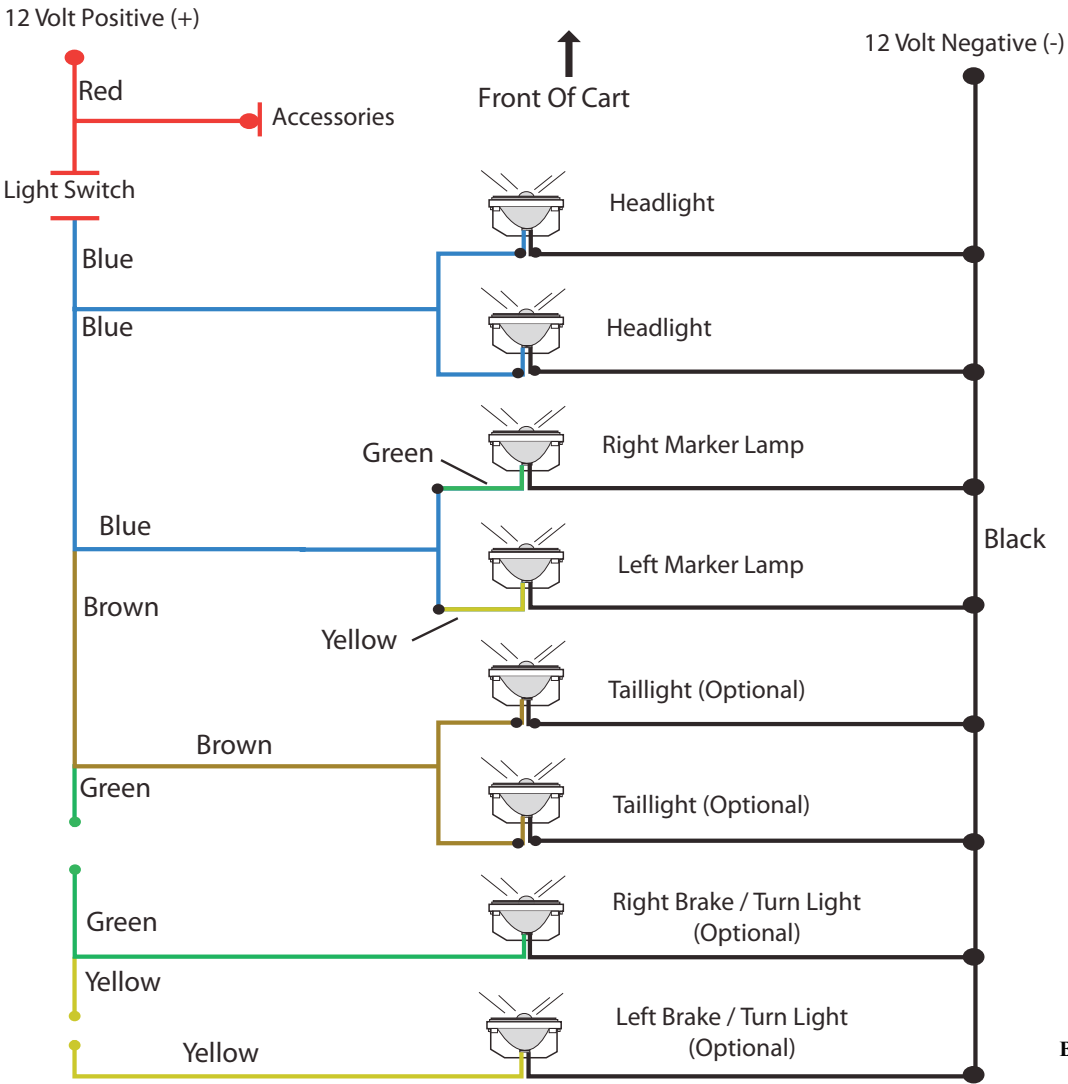




● Purple Brake Light Jumper for use with Brake Light and Turn Signal ONLY
● Red

Above harness can be used to add a brake light switch to this system

NOTE: Main harness jumper leads (blue and orange) will be removed if turn signal system is used.



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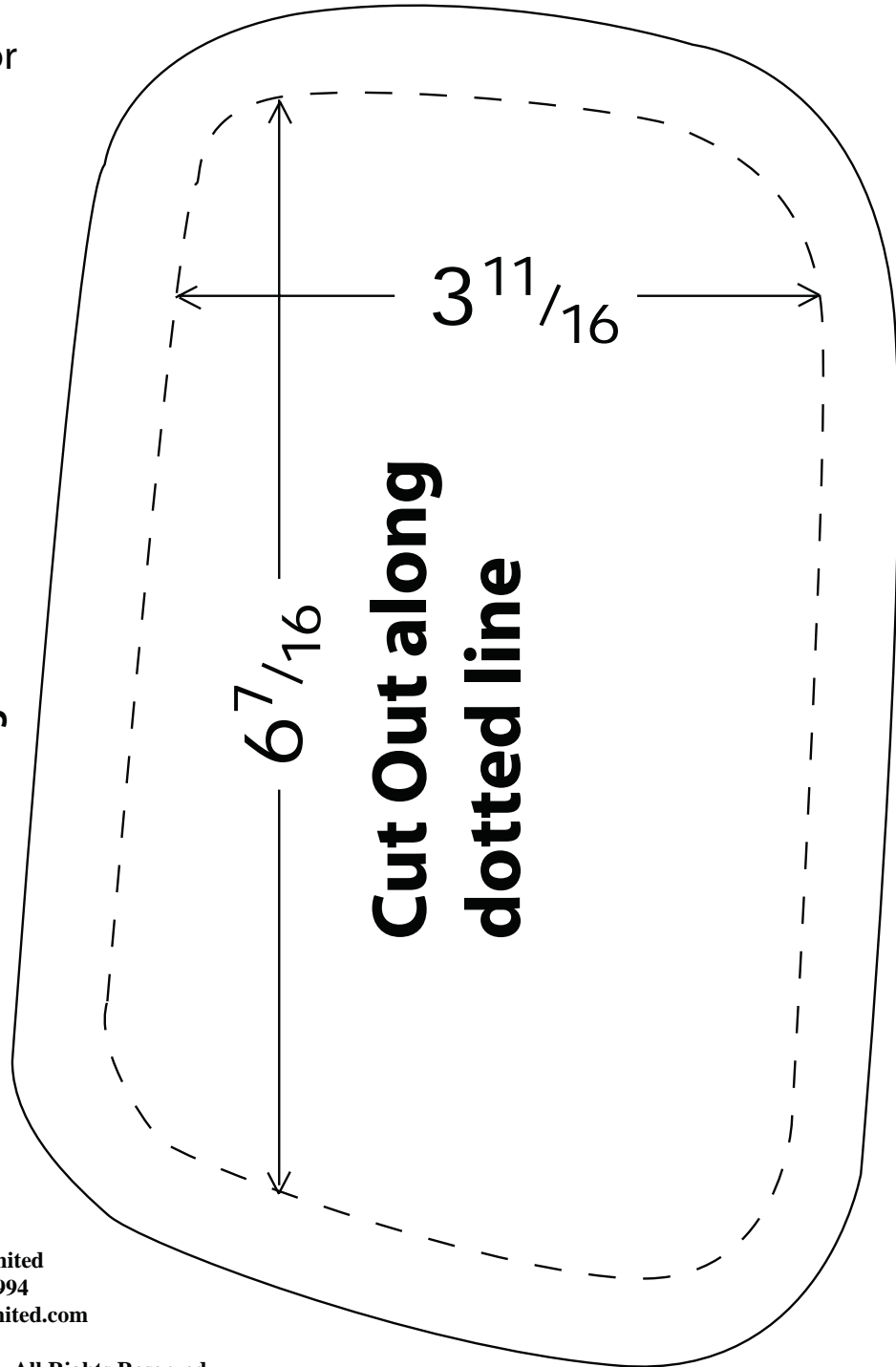
Taillight Template

Place template 2" over from the side and 1-1/2" up from bumper.

*NOTE - In order for the template to line up, you must print this sheet at 100%. You cannot scale the printout in any way.

Flip for left side.

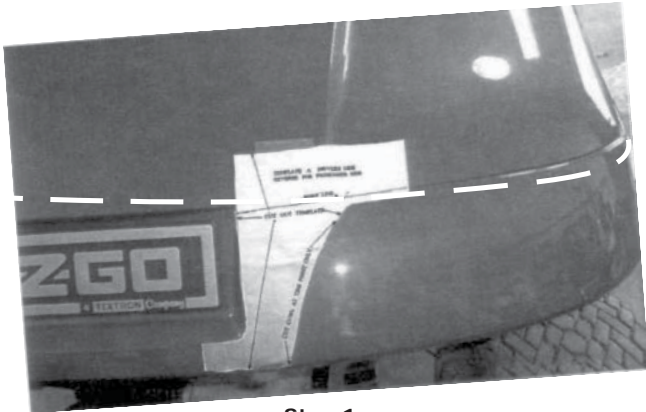
Right



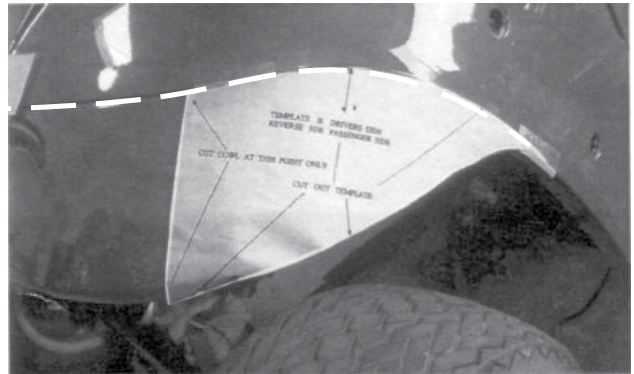
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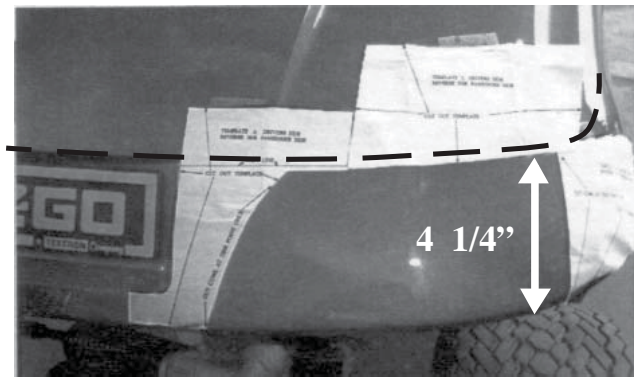
Template for EZGO TXT Models



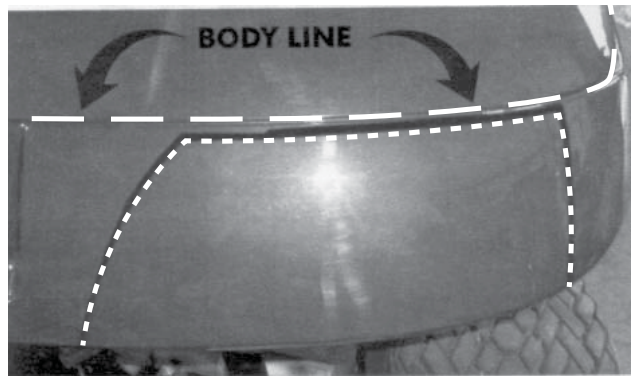
Step 1:
Align template "A" with body line - Front.



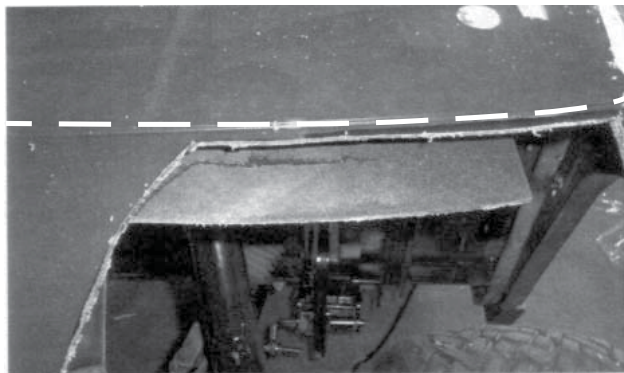
Step 2:
Align template "B" with body line - Side.



Step 3:
Align template "C" with template "A & B" and 1/8" below the body line as shown above. Be sure that the outside corner where "B" & "C" meet is not more than 4 1/4" above the bottom edge of the body.



Step 4:
With all of the templates in place, take a black marker and outline (follow along) outer edge of the templates. CUT 1/8" BELOW THE BODY LINE. DO NOT CUT AT OR ABOVE BODY LINE.



Step 5:
Once the cowl is cut away, follow along cowl edge and cut away dust cover.



Step 6:
Place headlight assembly along body line and install screws.

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