

## Marathon Light Kit Installation

Before starting follow all safety precautions and installation procedures. Wear the appropriate safety eye protection. Disconnect the battery and or batteries from the system. Make sure if the car has a run/tow switch (electrics only) place the switch in the tow position before battery disconnect. Lay out all the parts in an organized manner for ease of installation.

- 1) Remove the four dash rivets, cup holder and tray that are located in the dash.



- 2) Remove the nine ¼ x 1” bolts located in the dash for front cowl removal and save the hardware for later use.



- 3) Assemble the front cowl cap and components. Install the name plate with the three provided push nuts. Install the head lights and marker lamps. Notice the marker lamps are installed by removing the lens with a Phillips screw driver and placing the lamp on the cowl cap and then installing the lens screws through the cowl cap and fasten securely to the lamp. Mount the head lights with the supplied bracket. For mounting the

**end cap drill 3/16" holes where the original rivets were removed. Install the rivets to the end cap to body.**



**Light Mounting Bracket.**



**Marker Lamp**

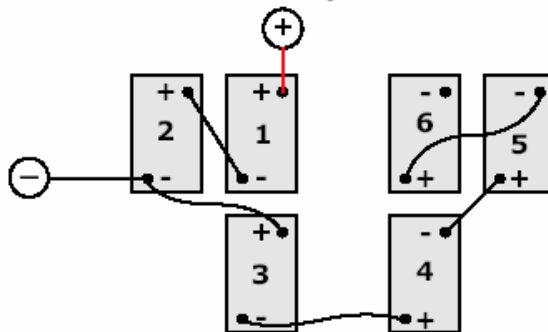
- 4) Connect the main light wiring harness to the lights and route the harness to the driver's side to the battery compartment and dash area. Make sure the harness does not interfere with any moving parts such as steering or brake parts. Tie up any harness area's that has an area to tie to.**
- 5) Install the cowl cap using the nine 1/4" bolts to the car body.**
- 6) Install the light switch into the cup holder assembly. Drill a 1/2" hole for mounting the switch (31/64<sup>th</sup> will make a tighter fit).**
  
- 7) Route the wiring harness through the steering rack mounting hole. Pull enough wire through to reach the center of the dash.**
- 8) Re-install the dash tray.**

- 9) Connect the yellow and red wires from the harness to the push/pull switch (polarity is irrelevant). Note: the black wire with the yellow terminal is an additional negative for added accessories only.



- 10) Re-install the cup holder.
- 11) Crimp an in-line fuse to the red positive lead and crimp the two 5/16" wire ends to the black and red wires leading to the battery pack.
- 12) Connect the red lead with the fuse to battery number one positive terminal. Connect the black lead to battery number two negative terminal. For gas cars simply "ground" the black wire to the car frame and connect the red wire to the main battery positive at the battery or main connection at the solenoid. Spay cote the connections after the final torque with anti-corrosive spray.

(Fig. E) EZGO Marathon  
Model 36-Volt Battery Pack



The installation is now complete and you will at this point tighten all existing connections. Tie up all loose wires and make sure they do not interfere with any moving cart components are sharp edges that may cut the harness.