



02-044 Shown
Instructions the same for 02-045

02-044 / 02-045

ULTIMATE PLUS LIGHT KIT
WILL FIT CLUB CAR® PRECEDENT®
INSTALLATION INSTRUCTIONS

INCLUDED:

- Front and Rear lights
- 2 Wiring harnesses
- Rocker switch
- Turn Signal
- Brake Switch
- Horn
- USB port
- Converter
- Column Cover

TOOLS NEEDED:

- #2 Phillips Bit
- Cutting Tool
- Sandpaper
- Power Drill
- 15/32 Drill Bit
- 10mm Socket
- Ratchet
- 13mm Wrench
- 1 1/2" Hole Saw



Madjax recommends professional installation. If you choose to not have this product installed by a professional, we highly recommend that you exercise caution, care, and patience when installing this product as it involves drilling holes into your cart's body. Make sure the run/tow switch is in tow or disconnect the battery if it does not have one.

1
Switch key to OFF position. Place TOW/RUN switch to TOW. It is not required to remove the batteries but you do need to disconnect the main negative.



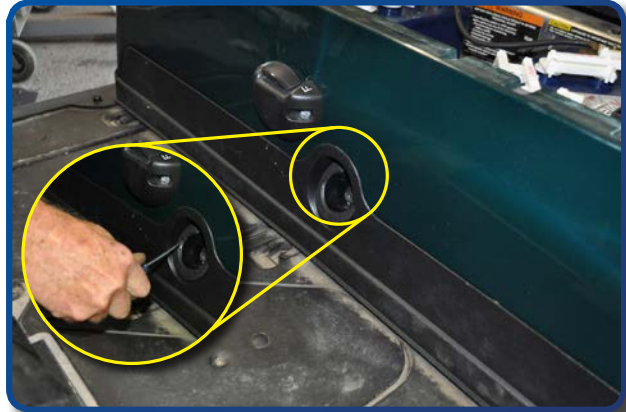
Brake Adjustment Access Panel

2
Remove all screws securing floor mat to the vehicle. Retain hardware. Remove floor mat.

Remove the brake adjustment access panel.

3

Remove the front body screws. Retain hardware.



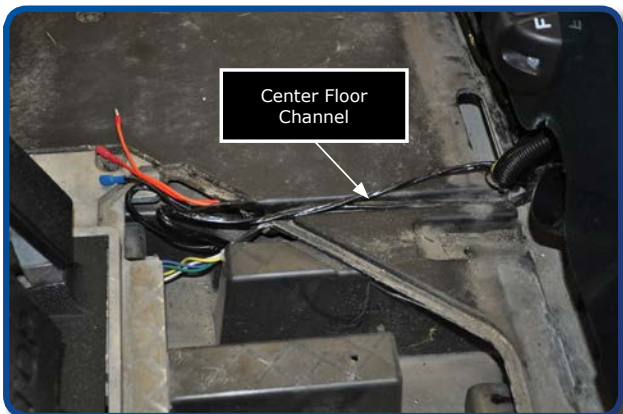
4

Using a small screwdriver, pry charge receptacle cover from vehicle.



5

Remove the screws securing the lower body trim to the body. Retain hardware. Remove the lower body trim.



6

From the battery compartment, route the brake light accessory wires through the center floor channel that leads to the brake compartment.

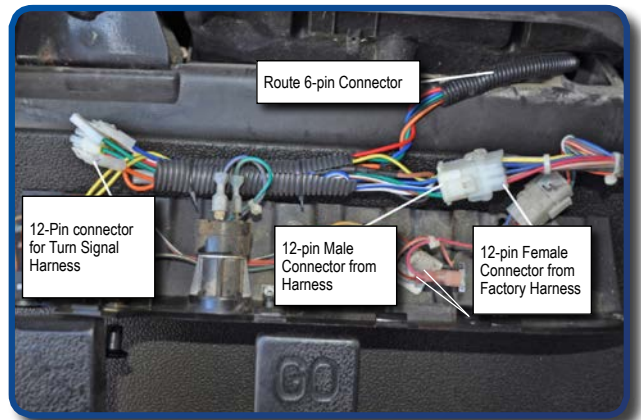
7
Remove the console screws. Retain hardware.



8
From the battery compartment, route the 12-pin connector portion of the new harness along the floor channel on the passenger side of the vehicle to the dash.

9
Attach light kit harness to factory harness as shown.

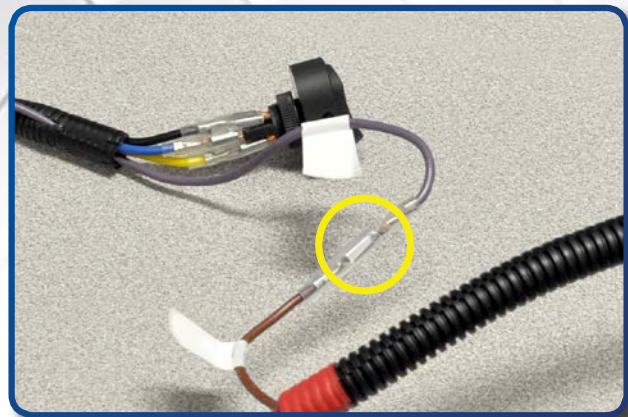
Do not reattach the dashboard at this time



10
Using a 15/32" drill bit, find a desired location on your golf cart dashboard to mount your rocker switch for hazard lights. Ensure your location is free of obstacles and will not affect dash reattachment.

11

For high/low beam functionality, connect the purple wire from the turn signal to the brown wire in the harness.



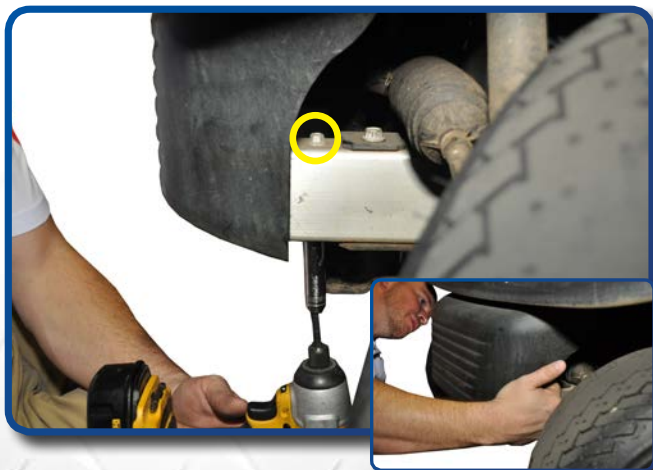
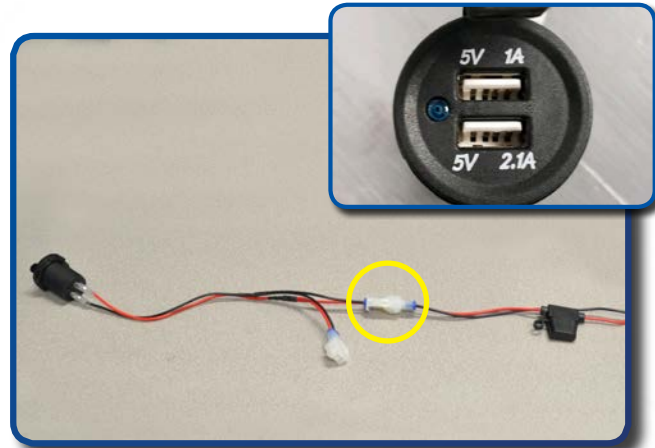
12

Using a 1 1/8" paddle bit, find a desired location on your golf cart dashboard to mount your USB charger. Ensure your location is free of obstacles and will not affect dash reattachment.

13

Using the supplied hardware mount the charger in the dash.

Plug the red and black 12 volt accessory connection from the light kit harness to the spade terminals on the back of the charger (red to positive and black to negative).

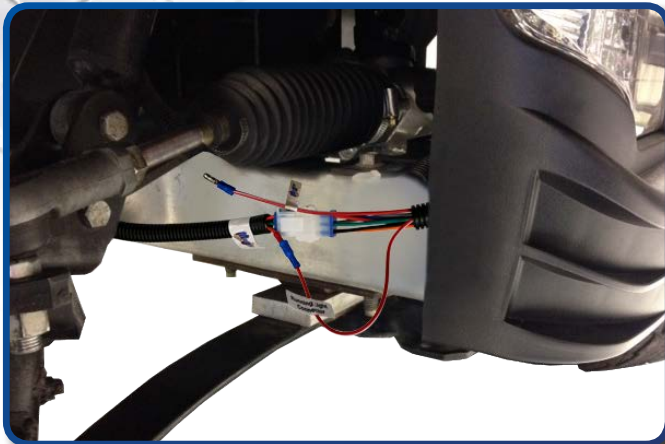
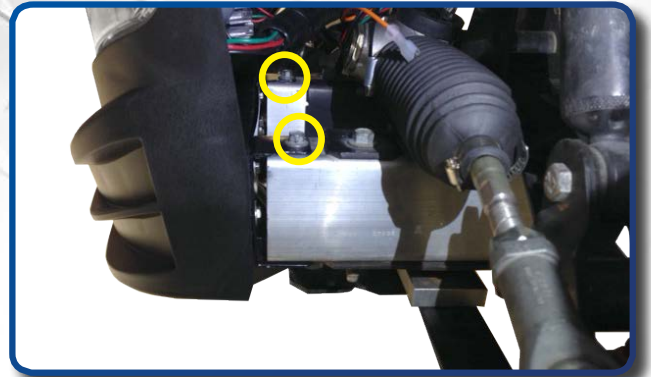


14

Remove factory bumper by removing the two factory bolts located in the frame. Retain hardware.

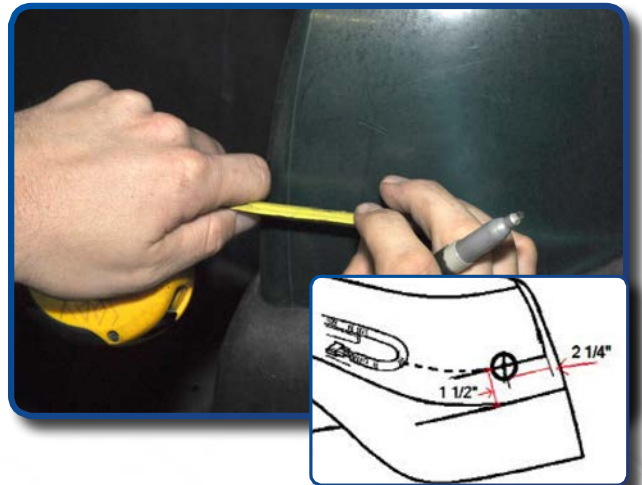
Install new light kit bumper on the frame as shown. Light Kit bracket should be placed over the top and under the bottom of frame and flush to front fascia. Attach light using retained hardware from previous step.

NOTE: The top mounting holes are slotted to adjust head lights to desired trajectory.



Route the 6 pin headlight connector through the cutout in the passenger dash. Plug the 6 pin male wire harness connector into the 6 pin female headlight wire harness connector and wire tie harness to frame support (the two extra wires on this harness are for use with the optional horn kit).

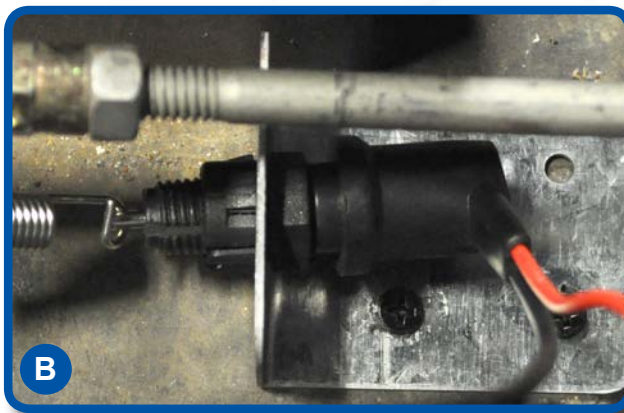
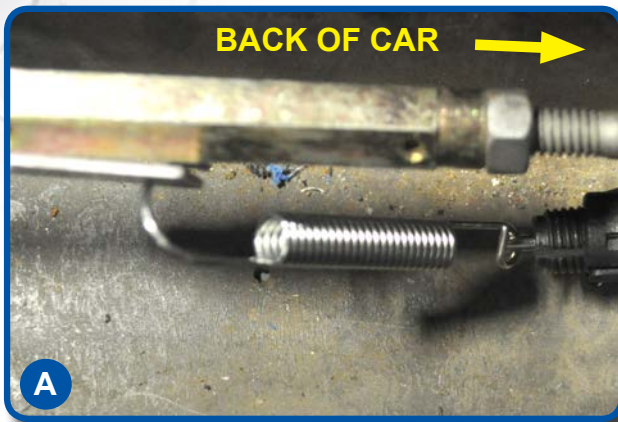
Before removing double sided tape and installing the LED Tail Lights, test fit them in their position on the rear location of the vehicle. Mark the center of the taillight hole using drawing below using a 1-1/2 inch hole saw, drill a hole in the location as shown in drawing 1. Sand hole to remove sharp edges.



Position the tail lights as shown in the picture. The flat ends of the tail lights should be where the sharper curve of the body from the bag well begins a more gradual curve. If there is a gap between the tail light and the body, reposition until there is no gap. Thoroughly clean the surface area where tail lights will be mounted. *Important: Surface must be free of any dirt, wax, or products that will inhibit double sided tape from adhering properly.

Using a wire snake, pull the tail light connector through the hole in the rear body. Connect the tail lights to the vehicle tail light wiring harness. Determine the desired location of the tail lights. Remove the double sided tape from the back of the tail light and mount to the rear body using eight screws provided.

*Repeat process on opposite side.



Loosen lock nut on brake rod. Place the forked bracket around the brake rod behind the lock nut and tighten the lock nut sandwiching the bracket. Place the brake switch on the floor of the car with the spring running towards the back of the car to the brake switch.

Adjust the brake switch so that the spring has no slack but the switch is not engaged. Screw the brake switch to the floor of the car with self tapping screws.

Plug the 2 bullet connectors from the brake switch into the corresponding bullet connectors on the light kit harness. Secure all wiring so that it is away from moving parts.

1
Mount indicator assembly using clamps provided and tighten. Run indicator harness along steering column and insert harness through dash.



2
Attach turn signal back cover to turn signal assembly.

Attach column cover to steering column, secure harness in column cover void.

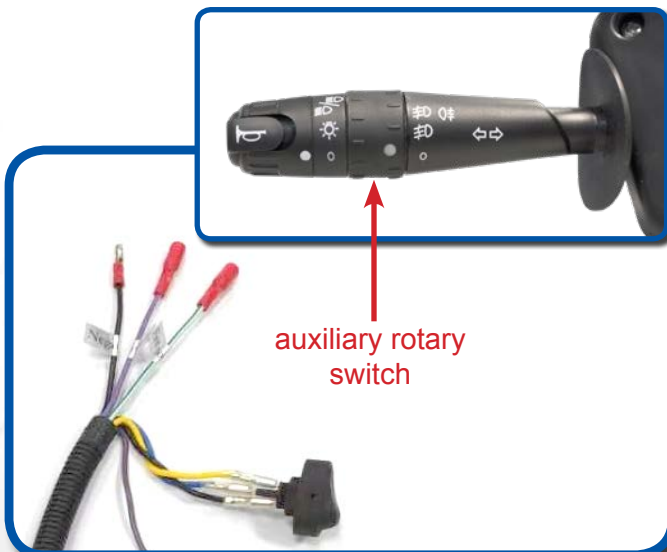
Plug in the 12 pin connector.

Reinstall dashboard using retained hardware.

3
Attach horn to orange and black female spade connectors and secure horn to metal frame under front cowl using supplied hardware.



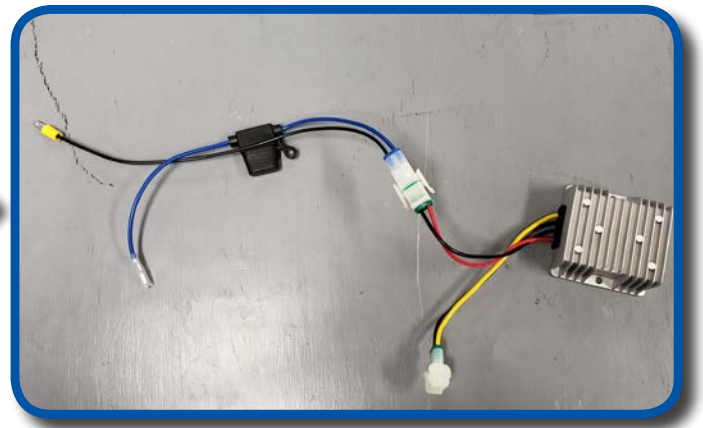
4
The turn signal handle has a secondary, 2-position rotary switch for auxiliary 12 volt lighting, There is one common negative wire and two positive wires to run two different sets of auxillary lighting. Additional wiring and lighting not included.



The voltage converter included must be used on 36 volt & 48 volt electric carts. Connect the red wire with the fuse to the positive terminal of the battery pack. Connect the black wire to the negative terminal of the battery pack.

Mount the converter to a flat surface under the seat. (Metal area is preferred). Plug the connector with the yellow and black wire into the light kit harness. Reconnect battery and place run/tow switch in run.

*Converter not needed for gas carts. For gas carts, connect the red wire to the positive terminal, and the black wire to the negative terminal.



INSTALLATION COMPLETE

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