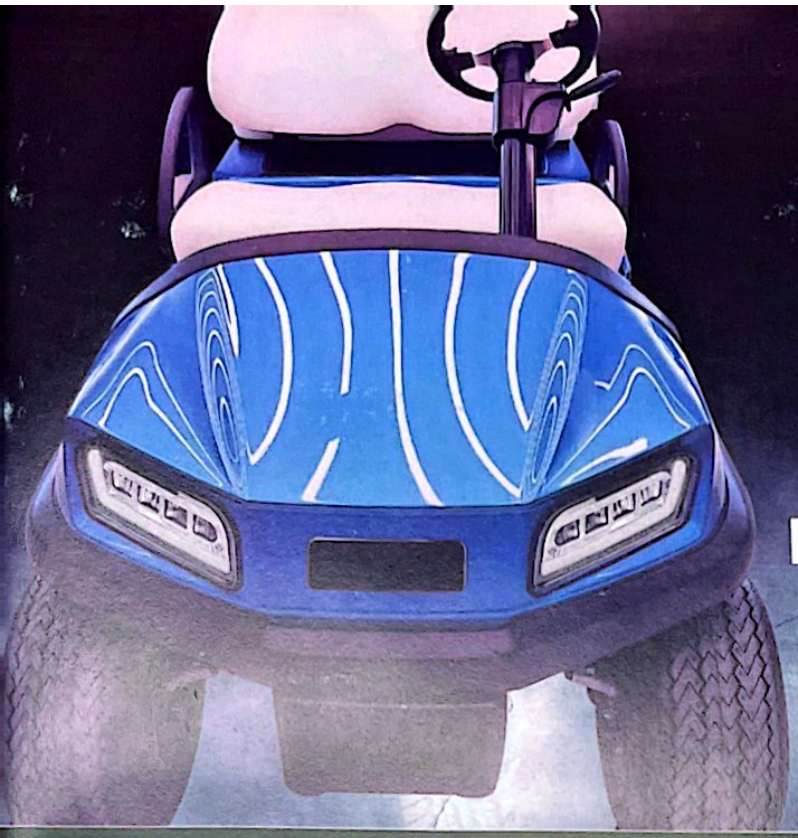


REVENGE
Golf Cart Parts & Accessories

Deluxe LED Light Kit Will Fit Club Car® Tempo®

Installation Instructions

LIGHT-101

INCLUDED

- LED Headlights
- LED Tail Lights
- Wiring Harness
- Mounting Hardware
- Voltage Reducer
- Turn Signal Indicator
- Hazard Switch
- Brake Switch
- Horn
- Column Cover
- Dual USB Port

TOOLS NEEDED

- Phillips Screwdriver
- Flat Head Screwdriver
- Cutting Tool
- 15/32" Drill Bit
- 1-1/8" Paddle Bit
- T25 Torx Bit
- Sandpaper
- Power Drill
- 8mm Socket
- Torque Bit Set
- 1-1/2" Hole Saw

Headlights

Horn

Turn Signal Assembly

Tail Lights

USB Port

Column Wiring Cover

Brake Switch

Wiring Harness

Voltage Reducer

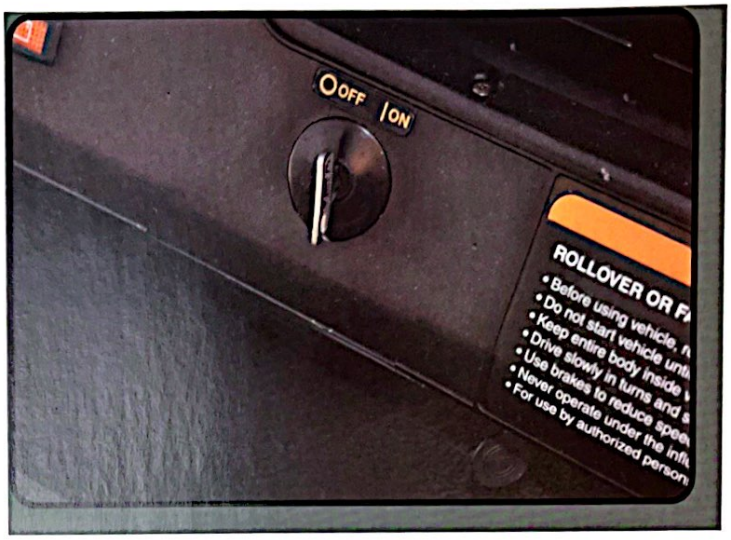
PLEASE NOTE:

We recommend 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.

IMPORTANT: *Any modifications made to the wiring harness or lights in this kit will void the warranty. Any damages that occur to the kit or cart will be the sole responsibility of the installer.*

STEP 1

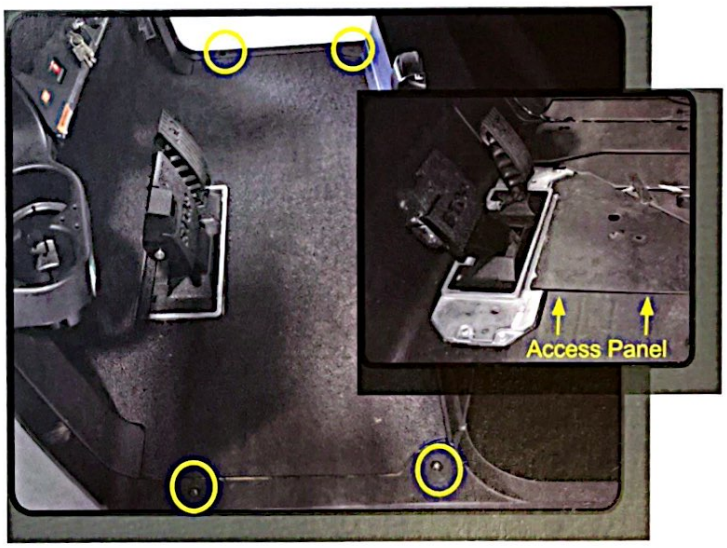
Switch key to OFF position. Place Tow/Run switch to Tow. It is not required to remove the batteries but you do need to disconnect the main negative while installing the light kit.



STEP 2

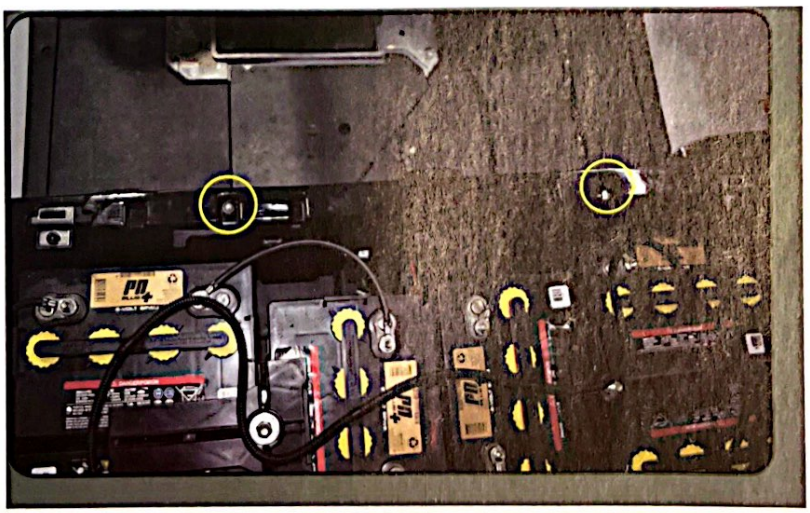
Remove all screws securing floor mat to the vehicle. Retain hardware. Remove floor mat.

Also remove the brake adjustment access panel located under the floor mat to expose brake linkage components.



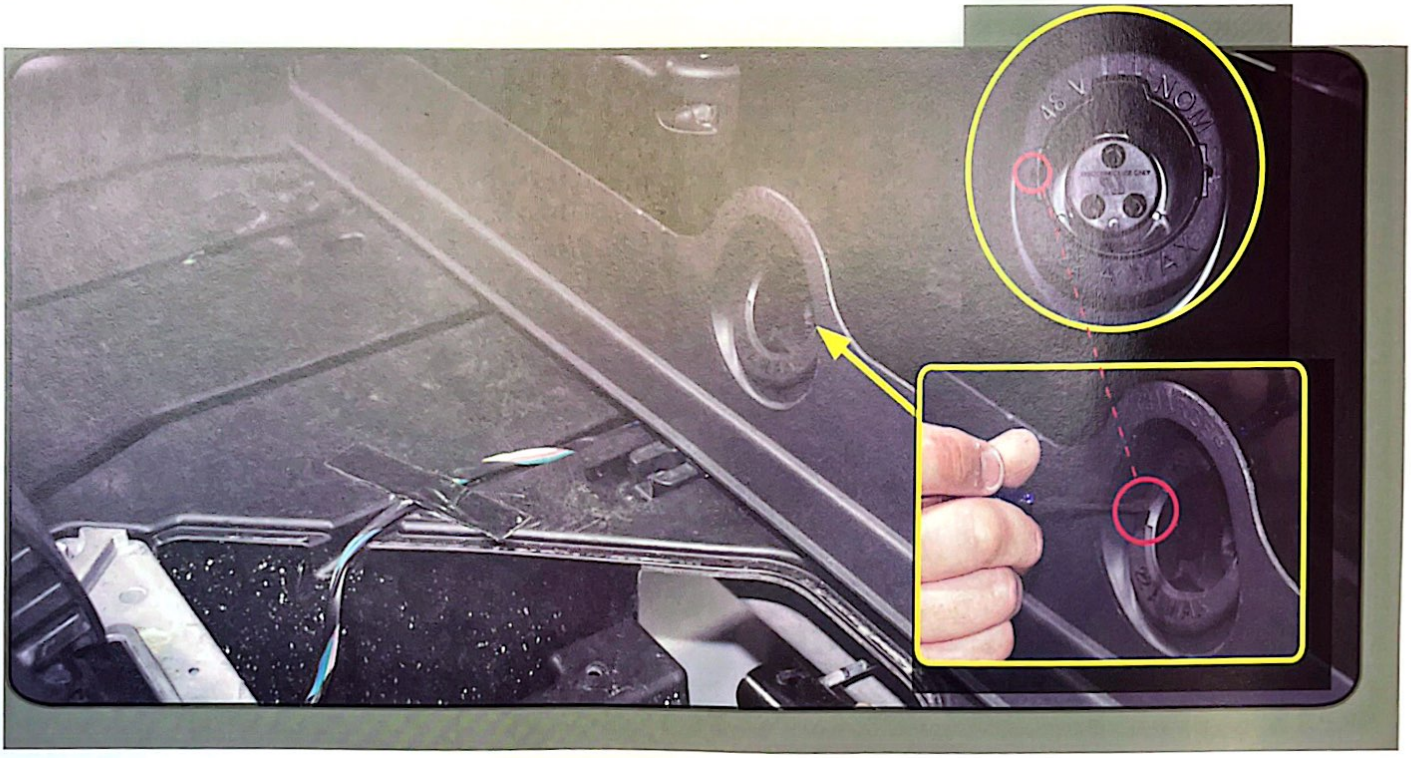
STEP 3

Remove and retain the front body screws.



STEP 4

Using a small screwdriver, pry the charge receptacle cover from cart. Once inserted apply light pressure to push the clip behind the ring outward.

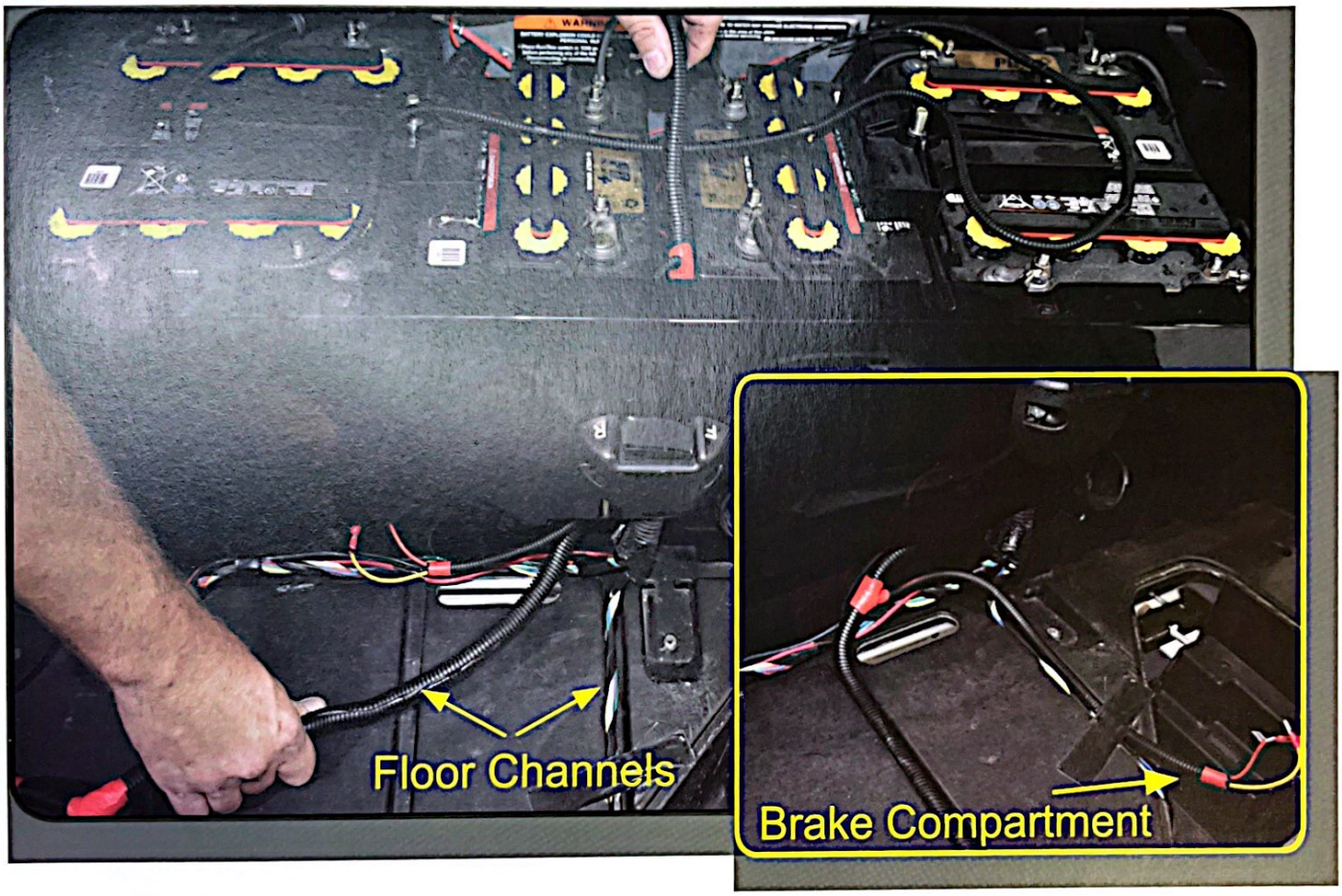


STEP 5

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

STEP 6

From the battery compartment, route the brake light connectors and wiring through the center floor channel that leads to the brake compartment while routing the main harness through the channel on the passenger side.



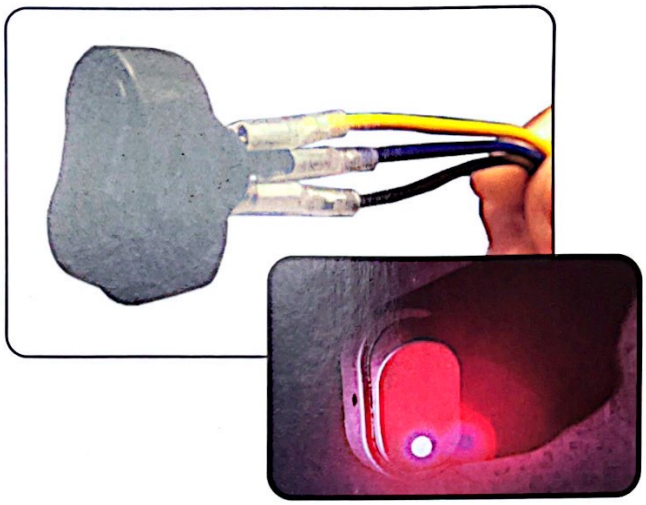
STEP 7

Remove and retain the instrument panel / dash screws.

STEP 8

Find a desired location on your dash to mount the hazard switch. Keep in mind you will need a location for USB in Step 11 also. Ensure the location is free of and will not affect dash reattachment. Using a 15/32" drill bit, drill a mounting hole and insert switch into dash. Secure with the ring nut from back of switch.

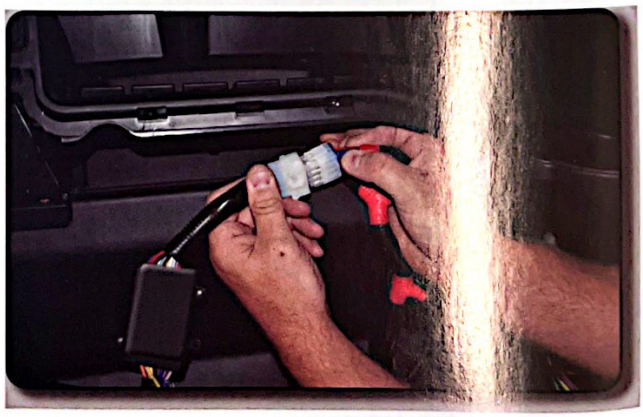
Reattach wires: Black wire behind LED location, Blue wire on center post, and Yellow wire on top post.



STEP 9

Plug the 12-Pin connector of the turn signal control module into the light kit wiring harness.

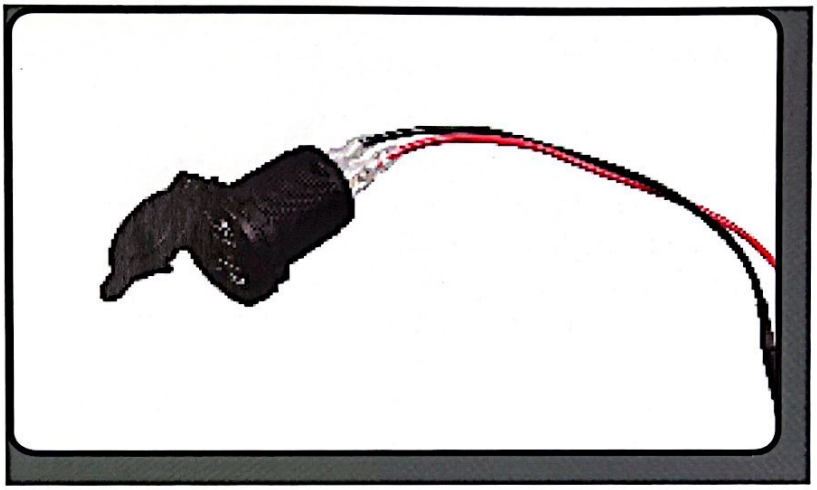
You will connect the control module to the turn signal assembly in Step 18.



STEP 10

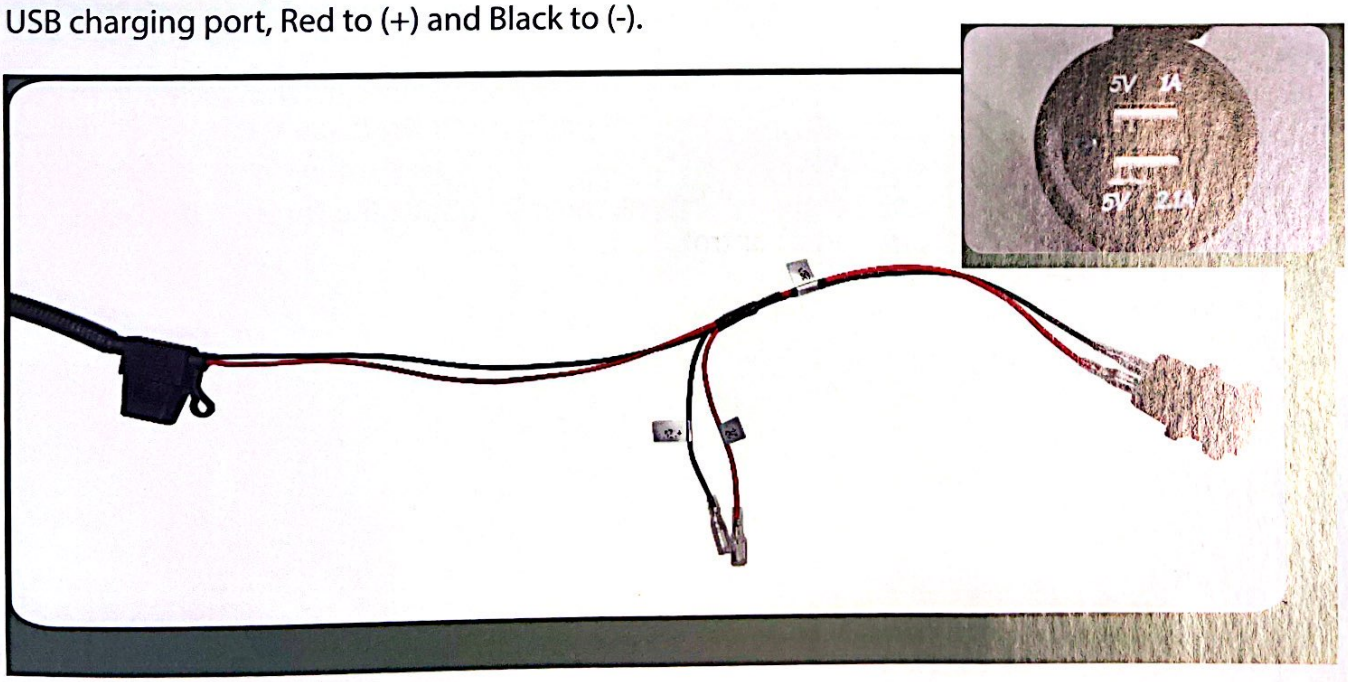
Using a 1-1/8" Paddle Bit, locate a desired location on your golf cart dashboard to mount your USB charging port and use the Paddle Bit to drill the hole. Be careful to ensure your location is free of obstacles and the USB port will not affect dash reattachment.

NOTE: *If you do not have access to a 1-1/8" Paddle Bit, you can use the inside of the retaining nut as a template for the mounting hole.*



STEP 11

Using the supplied retaining nut, mount the USB charging port to your cart. Next, plug the red and black 12 Volt accessory connection from the light kit harness to the spade terminals on the back of the USB charging port, Red to (+) and Black to (-).



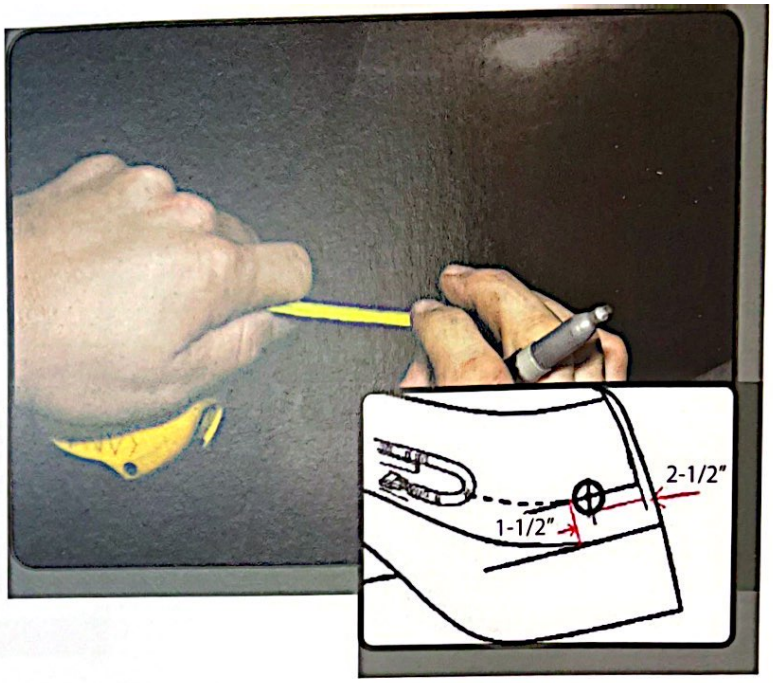
NOTE: *Secondary connector on wiring harness can be used to supply power to another 12 volt accessory with less than 7.5 Amp draw.*

STEP 12

For installing the tail lights, first mark the center of the tail light hole using the measurements from the drawing to the right.

Using a 1-1/2" hole saw, drill a hole in the location you just marked. Sand the hole to remove sharp edges if desired.

**Repeat the process on the other side.*

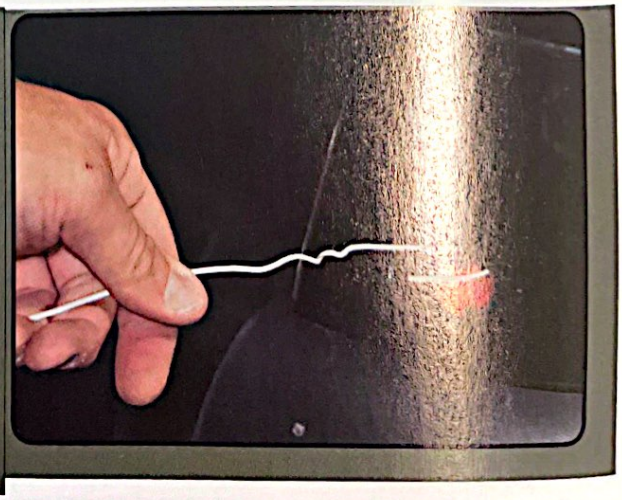


STEP 13

Route the tail light wiring through the upper rear corners of the battery compartment (below), ensuring the red connector is installed on the passenger side.

On gas model carts you may need to drill an opening large enough beneath the arrows in the photo below to feed the tail light connectors through.

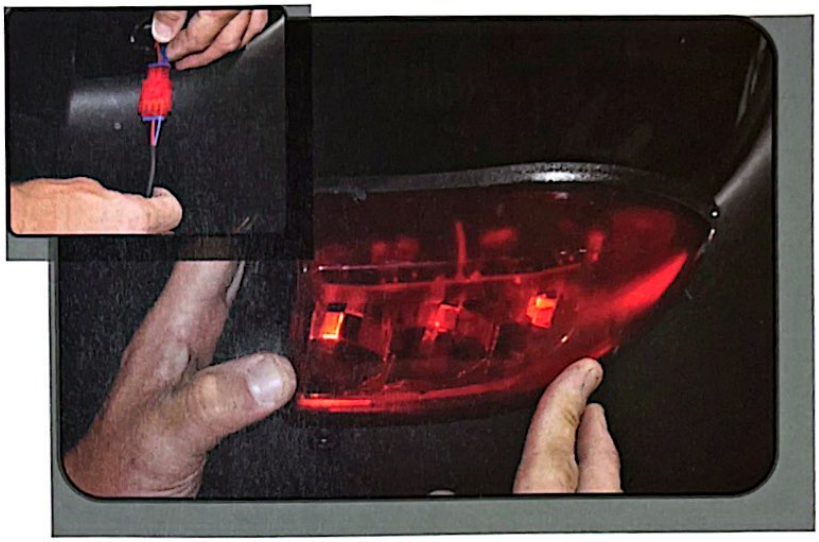
Once fed through the openings, use a wire snake to Pull the tail light wiring through the holes you made in Step 13.



STEP 14

Connect the tail lights to the tail light wiring connectors. Test fit to ensure proper fit and then remove the double sided tape from the back of the tail light and mount to the rear body. Finish securing the tail light by fastening to the body using the provided screws. Be careful not to over-tighten.

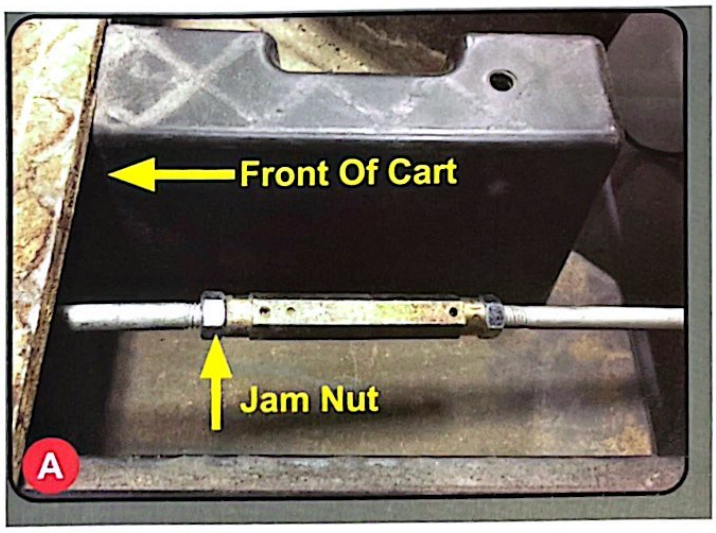
**Repeat the process on the other side.*



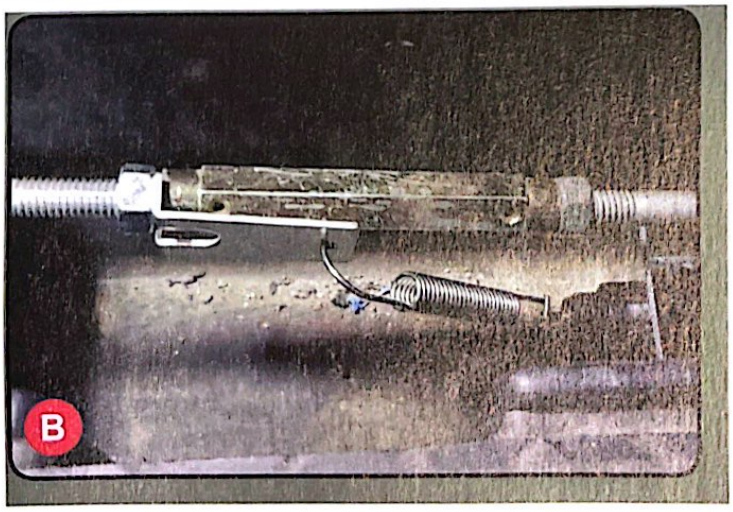
STEP 15

NOTE: *Disengage brake before installation.*

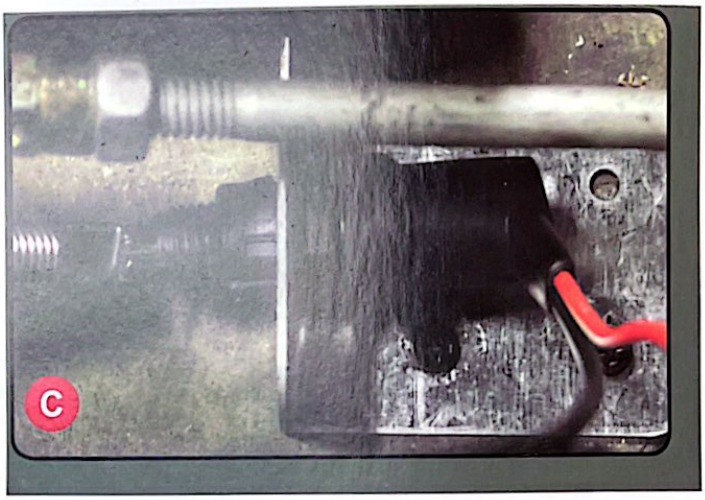
A Loosen jam nut on brake rod and place the forked bracket around the brake rod but behind jam nut and then tighten the jam nut, sandwiching the bracket. Place the brake switch on the floor of the cart with the spring running toward the rear of the cart.



B 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 cart with self tapping screws.

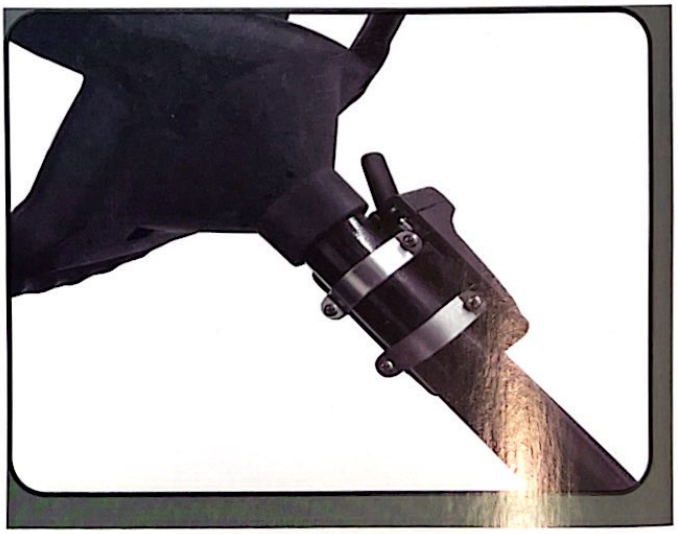


C Plug the two bullet connectors from the brake switch into the corresponding connectors on the wiring harness. Secure all wiring so that it is out of the way of the brake components.



STEP 16

Mount turn signal assembly using clamps provided and tighten. Run the turn signal assembly harness along the steering column and insert harness through dash.

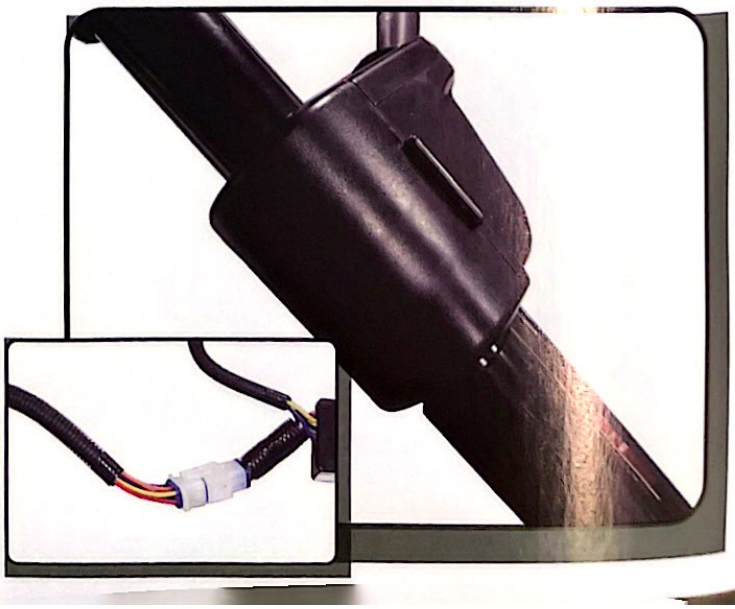


STEP 17

Attach turn signal back cover to turn signal assembly.

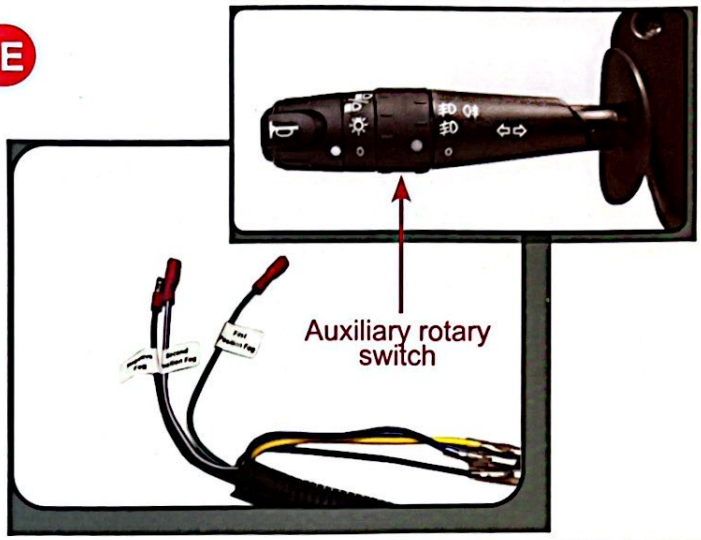
Attach column cover to steering column, securing wire harness in column cover void.

Plug in the 12 pin connector.



OPTIONAL AUXILIARY SWITCH FEATURE

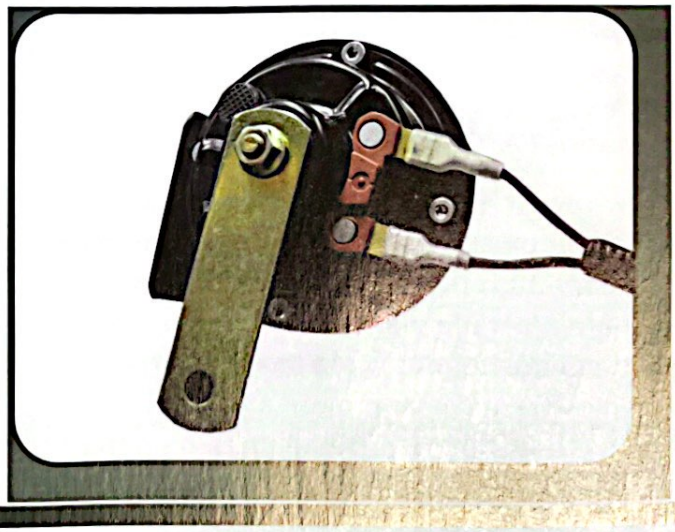
The turn signal handle is equipped with a secondary, 2-position rotary switch for auxiliary 12 volt lighting such as fog lights, LED light bars, or accent lighting. There is one common negative wire and two positive wires connections to run two auxiliary lights. Additional wiring and lighting not included. Reinstall dashboard using retained hardware from Step 7.



STEP 18

Attach horn to purple and black female spade connectors from front of harness and secure horn to metal framework under front cowl. You may mount with a self tapping screw or use existing bolt in frame to secure horn bracket. Wires have no positive and negative orientation, will work on either post.

NOTE: *Horn is operated by button at the end of the turn signal assembly.*



STEP 19

Reinstall instrument panel/dash using retained hardware from Step 7.

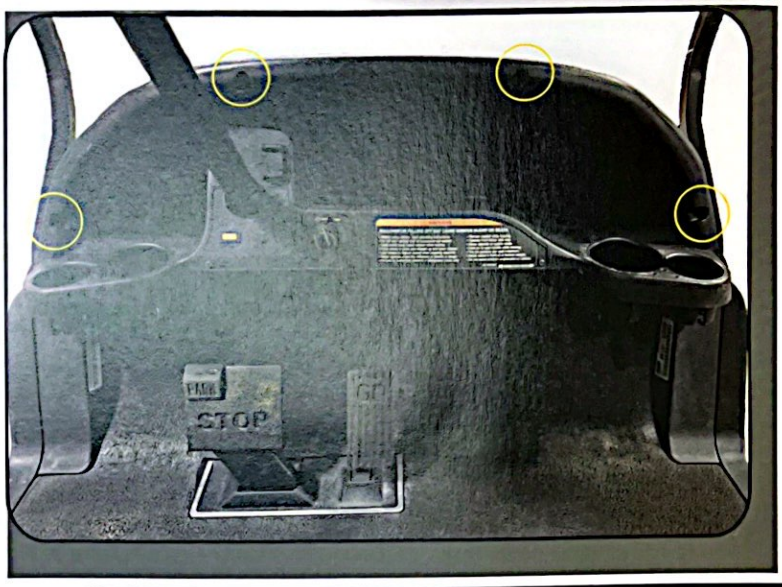
STEP 20

Cut out the center of the supplied paper template and position on hood/cowl as shown in picture. Once aligned, mark inside opening and then cut on the inside edge of the marking. Some final trimming may be necessary for final light fitment in Step 26. *Repeat on other side.*

NOTE: Secure template with tape.

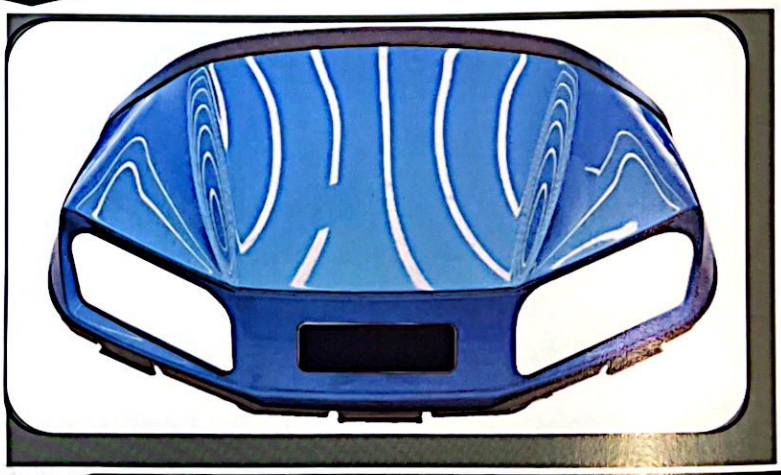
STEP 21

Using a T25 Torx bit or T25 Torx screwdriver, remove the four screws attaching the dash trim panel to the front assembly. Once these screws are removed, place the trim panel to the side and proceed to the next step of removing the hood/cowl assembly.



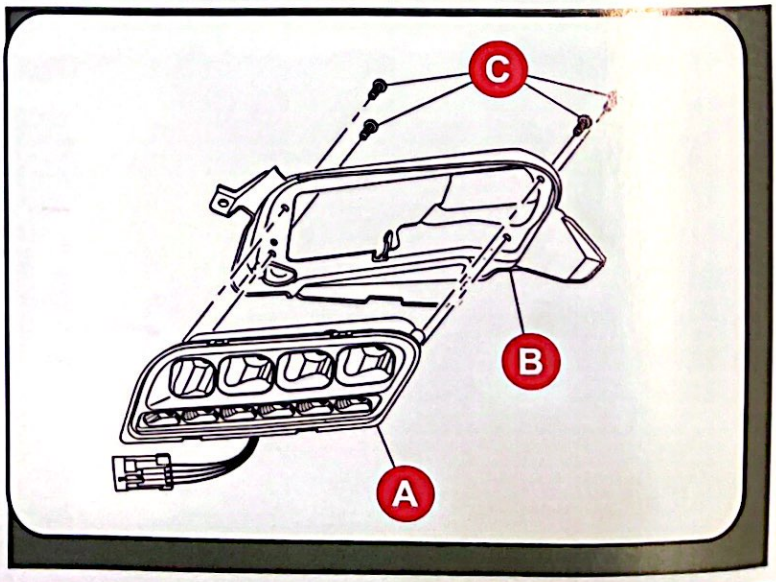
STEP 22

Remove the front hood/cowl assembly by lifting upward and unclipping the hood from the front black plastic bumper assembly. There are three plastic snap-in clips that attach the hood/cowl to the bumper. It may be necessary to use a flat screwdriver from underneath to help the clips to release from the bumper.



STEP 23

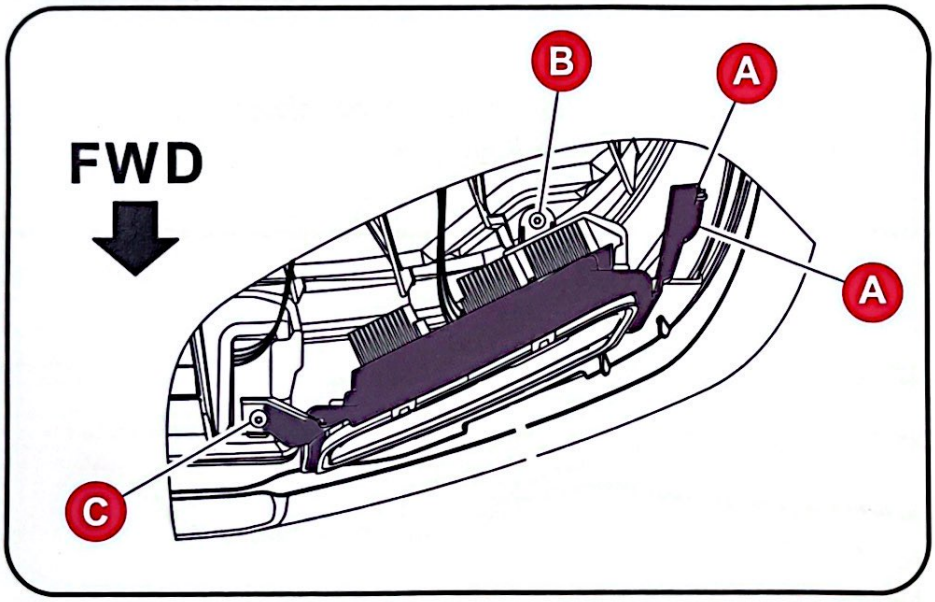
Install the headlight assemblies (A) into their respective mounting brackets (B), using the included 8 screws (C) to secure the headlight assemblies to the mounting brackets.



STEP 24

Install the headlight and bracket assemblies on to the front cart structure. First slide the outer foot of headlight bracket into the preformed cleat (A). Then re-use the screw in location (B) to secure tab onto cart. Use a new screw and washer from light kit to secure headlight tab at location (C).

Connect the headlight wiring to the corresponding connectors installed underneath from Step 10.



STEP 25

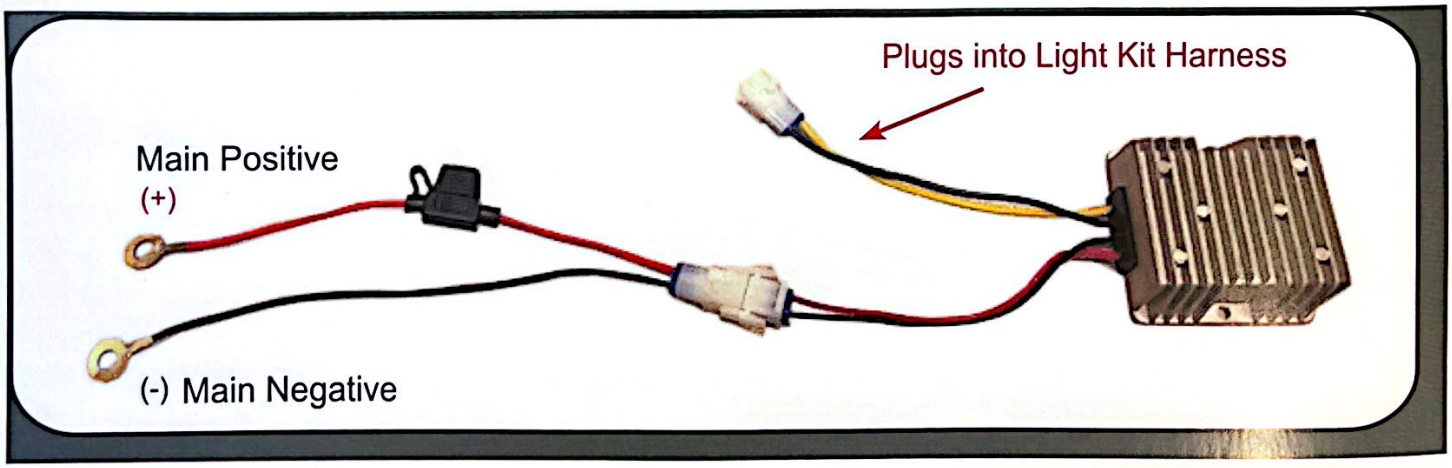
Reinstall the hood / cowl assembly and the dash trim panel that was removed in Step 22. Next, install the black headlight trim rings around each headlight, starting by inserting the top outer corners first (A), and then pushing in until secured in body. Remove the protective plastic film from each headlight.

NOTE: *It may be necessary to do some final trimming for proper fitment.*

STEP 26

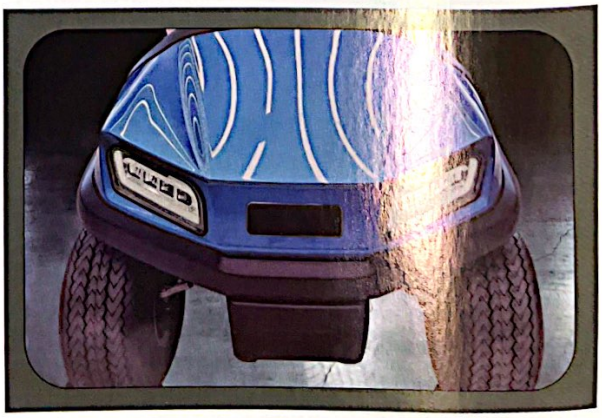
The voltage reducer included must be installed on all carts, electric and gas. Connect the Main Positive wire of the reducer to the main positive terminal of your battery pack. Next, connect the Main Negative wire of the reducer to the main negative terminal of your battery pack. *Any* combination of 12 volts through 48 volts to the voltage reducer input will allow the light kit and reducer to function properly. Finally, plug the connector with the yellow and black wires into the corresponding connector on the light kit main harness.

NOTE: *It is normal for a brief spark when connecting power to the voltage reducer. Voltage reducer is used on gas carts to prevent potential starter/generator voltage spikes.*



STEP 27

With everything connected, check brake switch operation. Make adjustments if needed by repeating Step 16. Replace access panel, floormat, and charger port panel using retained hardware. Return Tow/Run switch to RUN position. Reconnect the main negative battery terminal. Replace seat bottom cushion.



INSTALLATION COMPLETE!