DoubleTake®

TITAN™

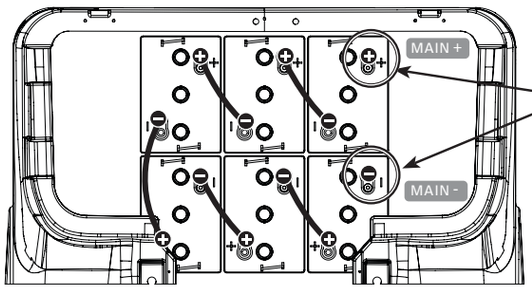
BODY & LIGHT KIT FOR E-Z-GO TXT

E-Z-GO TXT - Titan

TABLE OF CONTENTS:

IMPORTANT: Do not fully tighten hardware until instructed. Read through all instructions before beginning installation.

WARNING: DO NOT CONNECT THE LIGHT KIT WIRING HARNESS TO MORE THAN 16 VOLTS OR PERMANENT DAMAGE TO HARNESS AND LIGHTS WILL OCCUR.



Do not attempt to service the vehicle while it is moving. Prior to servicing, turn the key switch OFF, remove the key, and place the Forward / Reverse handle in Neutral position. Block all wheels when servicing the vehicle.

Batteries – are explosive! Do not smoke. Keep sparks and flames away from the vehicle and service area. Ventilate when charging or operating vehicle in an enclosed space. Wear a full-face shield and rubber gloves when working on or near batteries.

Make sure all wiring and wire harness are properly routed and secure before any initial testing is done. Position all electrical components in areas that are protected from moisture and or salt air.

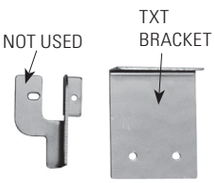
ALL ELECTRIC VEHICLES:
To avoid unintentionally starting the vehicle, disconnect the batteries as shown on top right.

ELECTRIC VEHICLES WITH SPEED CONTROLLERS:
After disconnecting the batteries, discharge the controller capacitors as follows:
• Turn key to ON and place the forward / reverse handle in REVERSE.
• Slowly depress accelerator pedal and keep depressed until the reverse warning buzzer can no longer be heard. When buzzer stops sounding, the controller capacitors are discharged.

NOTE: For models with a TOW/RUN switch, place the switch in the TOW POSITION before disconnecting or connecting the battery cables.

LIGHT KIT COMPONENTS

DELUXE WIRING HARNESS



MICRO SWITCH BRACKETS

TURN SIGNAL

STEERING COLUMN COVER

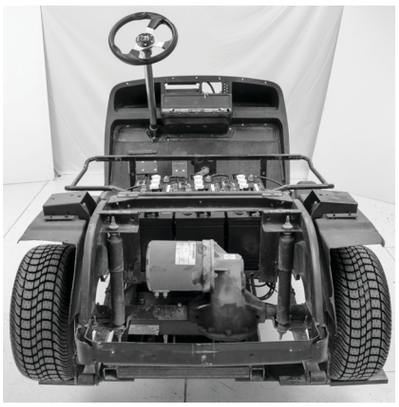
LED HEADLIGHTS & TAIL LIGHTS

PREBUILD CAR PREP

STEP 1 PREPARE CAR FOR INSTALLATION

Remove the following:

- Factory Top
- Front Frame
- Factory Top Rear Supports
- Windshield
- Sweater Basket
- Seat Back Supports
- Front Seat Bottom
- Front and Rear Colored Body Panels
- Side Rocker Panels
- Rear Bumper



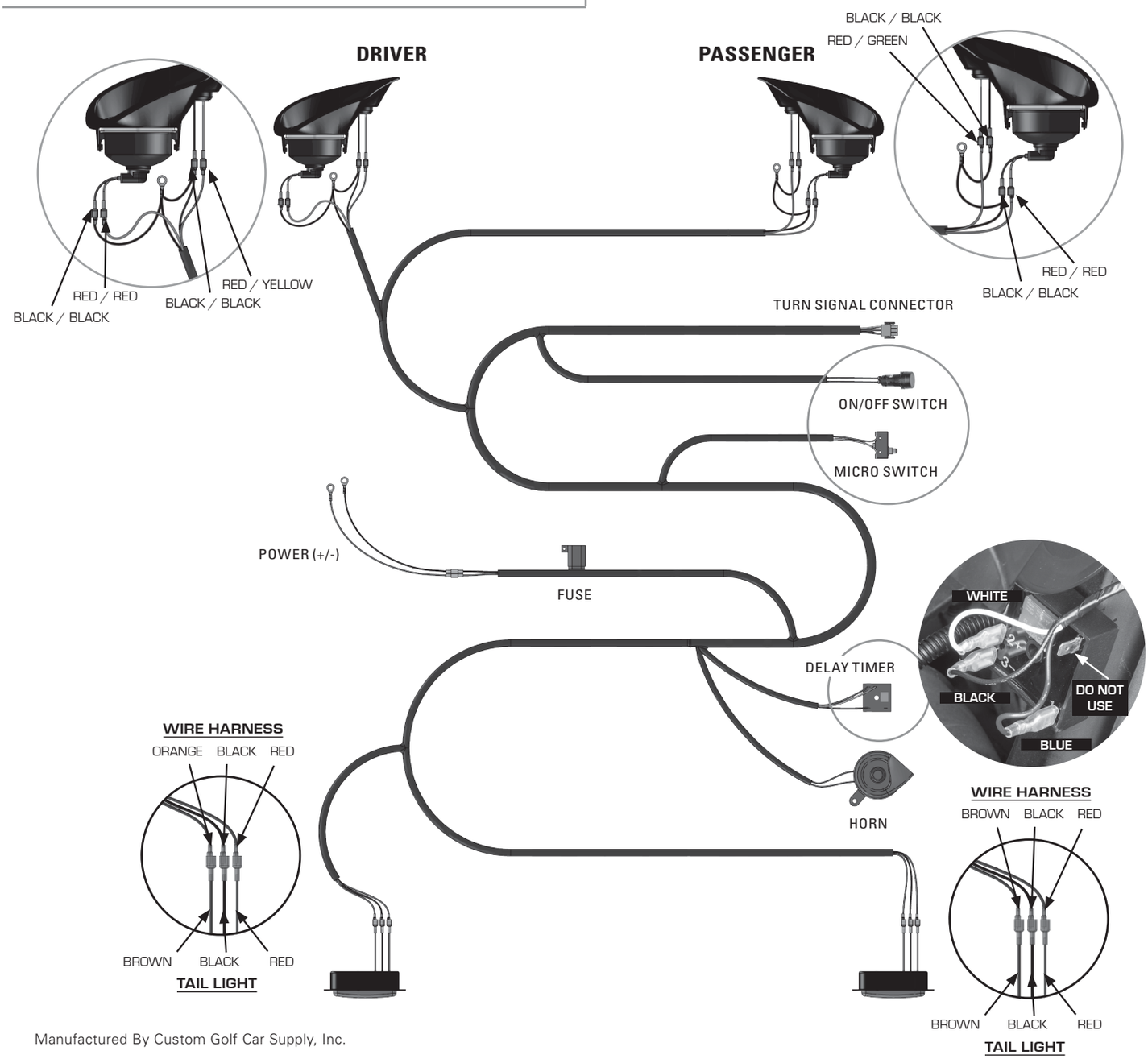
INSTALL WIRING HARNESS

STEP 2.1 REMOVE PARTS FROM HARNESS

Remove the following components from Wiring Harness, if attached, and set aside for use later.

ON/OFF SWITCH

MICRO SWITCH



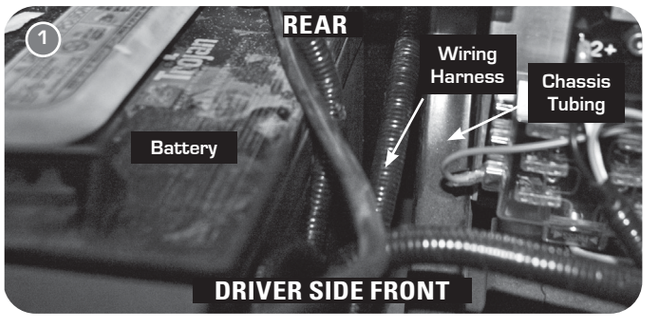
Manufactured By Custom Golf Car Supply, Inc.

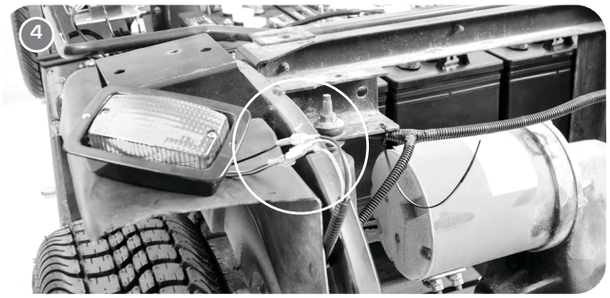
& PERFORM TESTING

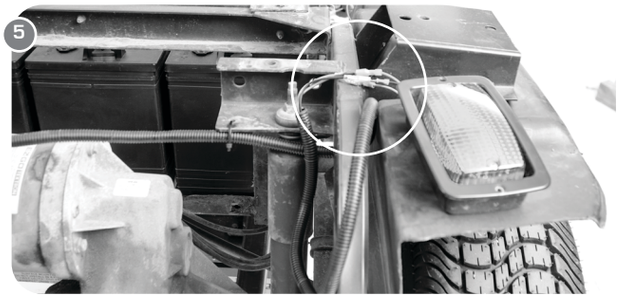
STEP 2.2 ROUTE HARNESS TO REAR

A. Route the Wiring Harness for Tail Lights **(1)** between the battery compartment and the chassis. Continue routing the Harness under the chassis and to the rear of the car **(2 & 3)**. Loosely secure Harness with cable ties until all components have been istalled and tested.

- Temporarily connect the Tail Lights to the Harness for testing **(4 & 5)**.



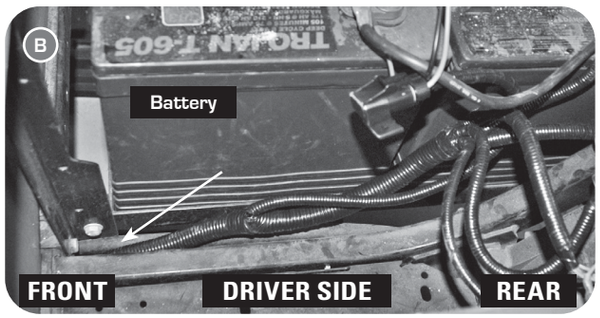


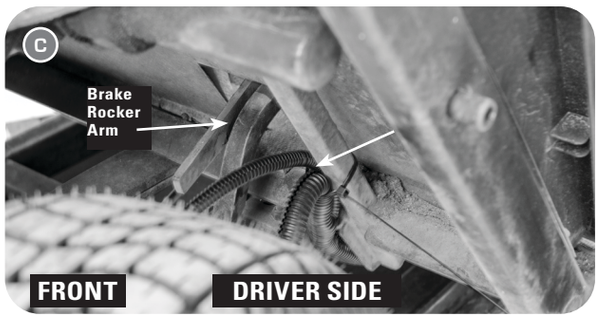


STEP 2.3 ROUTE HARNESS TO FRONT

B. Route the Wiring Harness for Headlights between the battery compartment and the chassis tubing, continuing under the chassis towards the front of the car.

C. Route Harness under frame on the Driver side, in channel beside the Brake Rocker Arm. Loosely secure Harness with zip-ties until all components have been installed and tested.

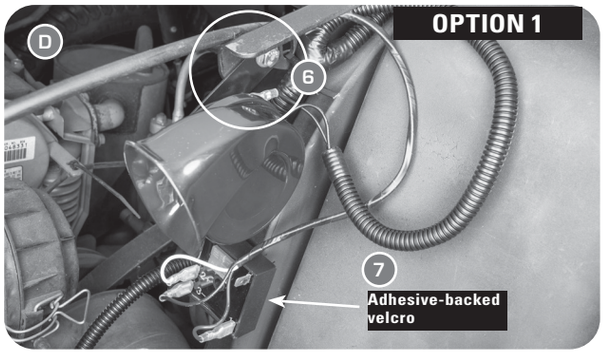


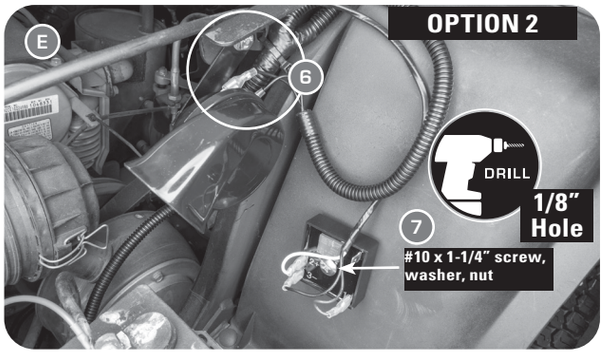


STEP 2.4 MOUNT HORN AND DELAY TIMER - (2 MOUNTING OPTIONS)

D. Mounting Option 1: Mount the Horn Bracket to the Chassis Frame, just above and to the front of the wheel well, using the existing hole **(6)**. Mount the Delay Timer to the Chassis Frame using the provided adhesive-backed velcro **(7)**.

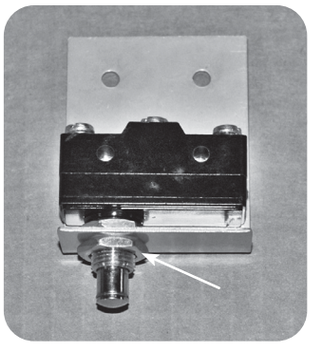
E. Mounting Option 2: Mount the Horn Bracket to the Chassis Frame, just above and to the front of the wheel well, using the existing hole **(6)**. Mount the Delay Timer to the wheel well cover by drilling a 1/8" hole and mounting with a #10 x 1-1/4"screw, washer and nut **(7)**.





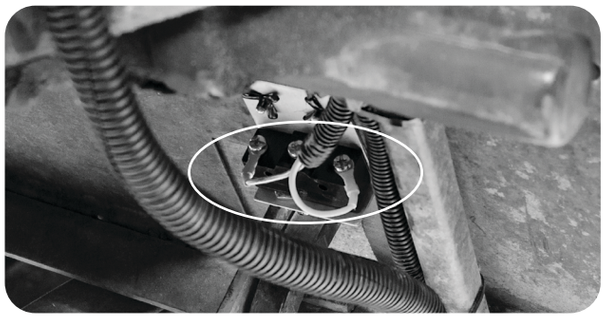
STEP 2.5 ATTACH MICRO SWITCH

• Remove Hex Nut from Micro Switch. Insert Micro Switch button through hole in Bracket. Reinstall the Hex Nut.

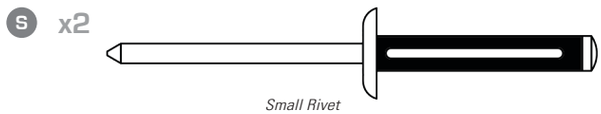


STEP 2.7 CONNECT HARNESS & MICRO SWITCH

• Connect the two wires from the small Harness to the outside screws on the Micro Switch.

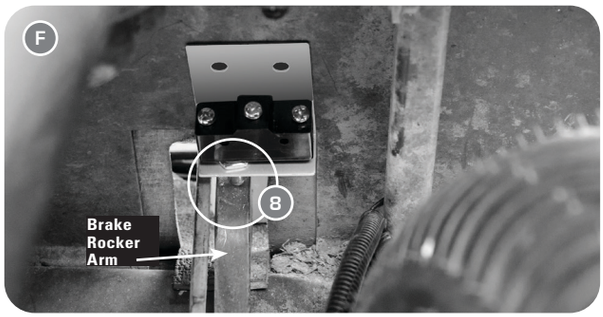


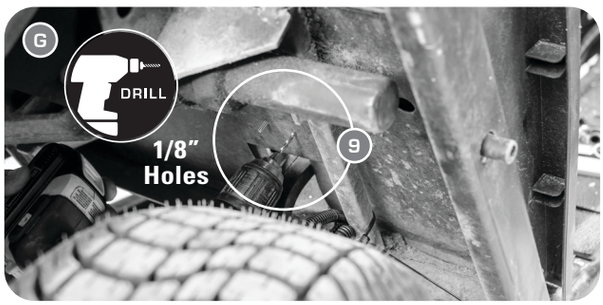
HARDWARE - SCALE 1:1

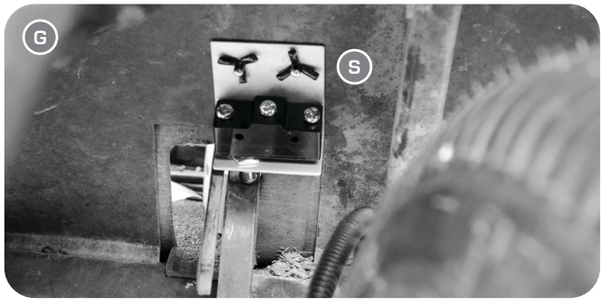


STEP 2.6 MOUNT MICRO SWITCH

F. **Make sure Parking Break is fully engaged** and position Micro Switch under Floorboard, making sure the button on Micro Switch is completely pressed/activated against the Brake Rocker Arm **(8)**.
G. Mark Bracket hole locations and drill 1/8" holes through Floorboard **(9)**.
H. Install Bracket using rivets **(S x 2)**.







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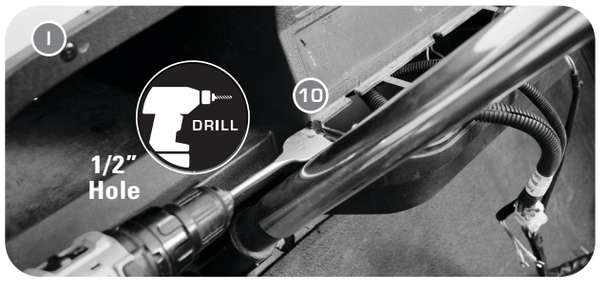
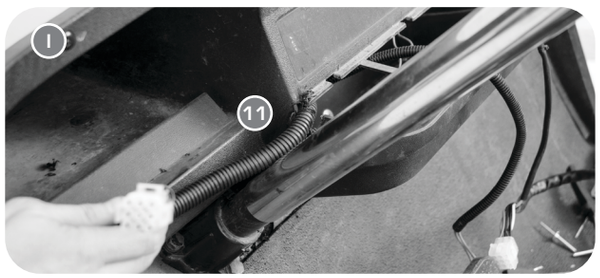
STEP 2.8 ROUTE HARNESS TO DASH

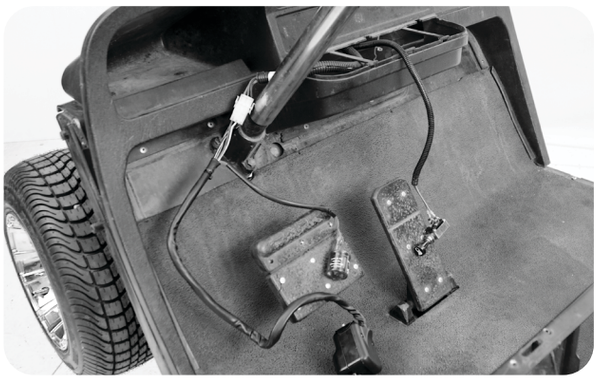
I. Remove the Cup Holder Cap from the Dash and route the Harness for Turn Signal and On/Off Switch through back of Dash.
• Drill a 1/2" hole in the top side of Dash **(10)** and pull through the Harness with Turn Signal connector **(11)**.





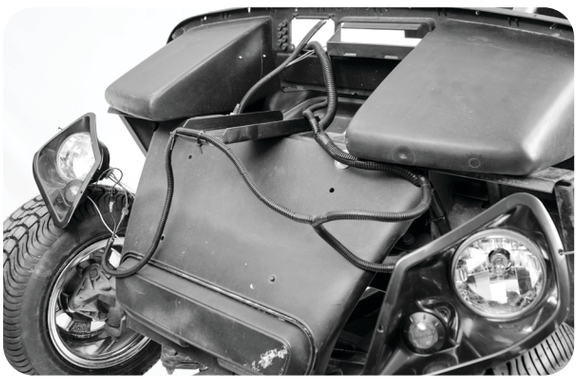
STEP 2.9 CONNECT PARTS FOR TEST

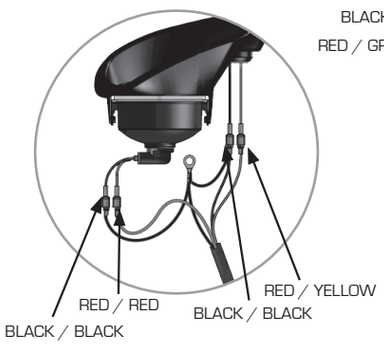
• Temporarily connect the Turn Signal and On/Off Switch for testing. These components will be installed in later steps.



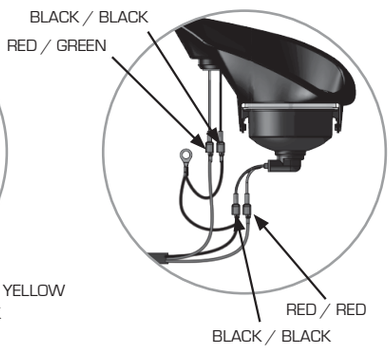
STEP 2.10 CONNECT HEADLIGHTS FOR TEST

• Route Harness to front and loosely secure with zip-ties.
• Temporarily connect Headlights for testing.





DRIVER SIDE

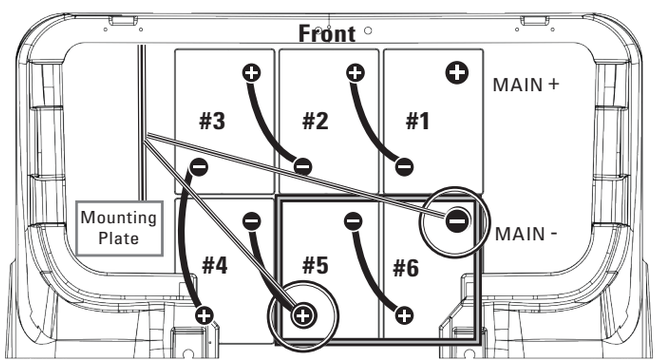


PASSENGER SIDE

STEP 2.11 TEST LIGHT KIT COMPONENTS - **WARNING: Do not connect Lights to more than 16v or damage will occur**

See Diagrams below for connecting the Light Kit Harness to either a 36v or 48v system. After connecting Harness to batteries, proceed to test:
• Headlights • Turn Signals (front & rear) • Tail Lights • Brake Lights
• Delayed Brake Light (Park/Shutoff 30-45 sec delay) • Horn
• After successful testing, disconnect Harness from power until final installation.

E-Z-GO TXT - 48v (6 x 8v) and 36v (6 x 6v): *Light Kit Harness Power Connection*

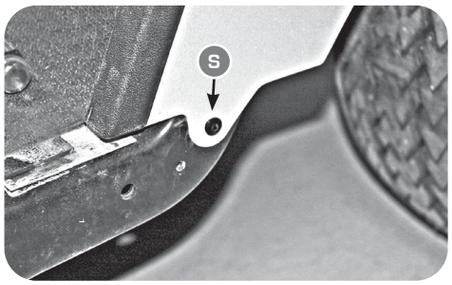


• A Voltage Reducer is recommended (Utilizes full battery bank and reduces 48v or 36v down to 12v for electronics)
• If you choose not to use a Voltage Reducer, **DO NOT connect Lights to more than 16v (2 batteries)**
• Connect Light Wiring Harness Negative to Battery #6 Negative (Main)
• Connect Light Wiring Harness Positive to Battery #5 Positive

INSTALL FRONT & REAR BODY

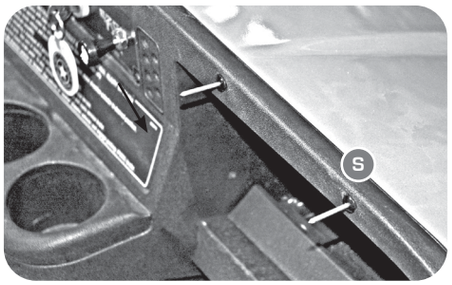
STEP 3.1 ATTACH COWL BOTTOM TO CAR

• Peel back protective film from bottom legs of Front Cowl, Position the Front Cowl over Dash Support and make sure it's seated correctly. Attach Cowl sides to car at the bottom on both sides, using Small Rivets **(S x 2)**.



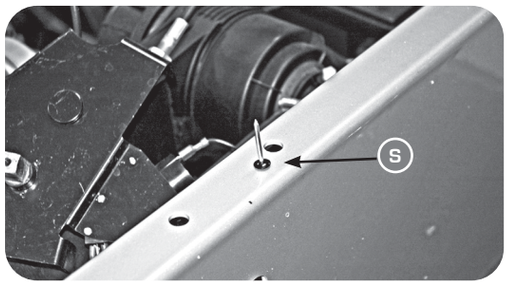
STEP 3.2 ATTACH COWL TO DASH

• Peel back protective film from the top edge of Front Cowl. Place Dash Trim over the top edge of Front Cowl and install Small Rivets **(S x 7)**. Make sure Rivet goes through Dash, Cowl, and Dash Support before setting.



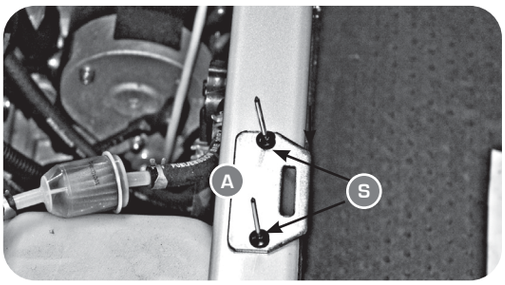
STEP 3.3 POSITION AND MOUNT REAR

• Position the Rear Body for installation and make sure body is seated correctly everywhere. Locate the 2 sets of 3 holes on top front of body (where seat rests). Peel back protective film and install Small Rivets **(S x 2)** into the center hole on both the driver and passenger sides



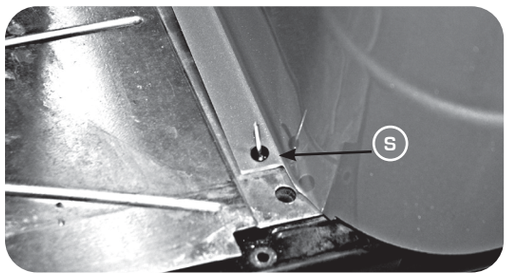
STEP 3.4 REINSTALL SEAT CLEATS

• Place the Factory Seat Cleat **(A)** over the previously installed rivet and mount using Small Rivets **(S x 4) — Repeat for opposite side**.



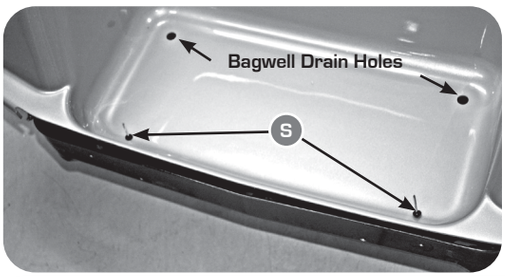
STEP 3.5 ATTACH REAR TO FLOOR

• Peel back protective film and install Small Rivets **(S x 2)** through outside holes in body lip and car floorboard.

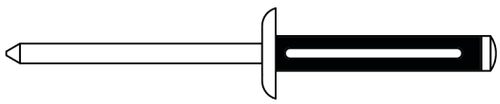


STEP 3.6 ATTACH REAR BAGWELL

• Peel back protective film and install Small Rivets **(S x 2)** through small holes in body bagwell and car frame.



S

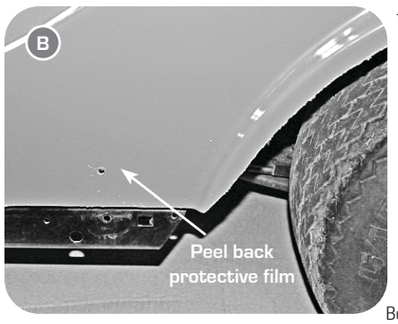


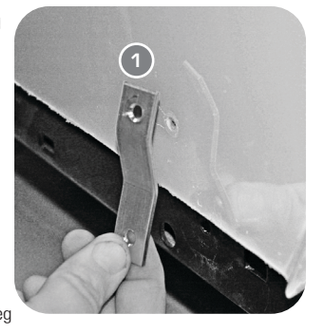
Small Rivet

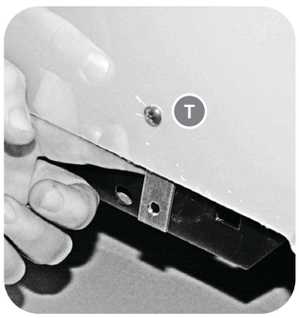
Manufactured By Custom Golf Car Supply, Inc.

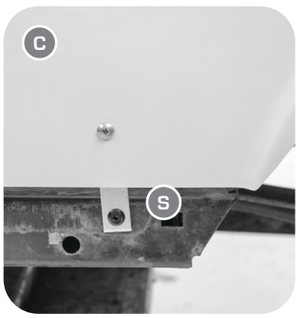
STEP 3.7 INSTALL REAR BODY BRACKET

B. Peel back protective film from bottom side of Rear Body attach Body Bracket (short leg up) **(1)** to the hole in Body using hardware (**T**).
C. Secure Body Bracket to Side Rocker using Small Rivet (**S**). — Repeat for opposite side.



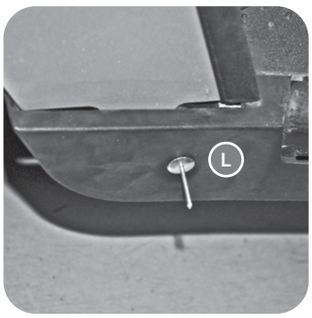






STEP 3.8 MOUNT FLASHER

• Replace the factory Side Rocker Cover and attach using 2 Large Rivets **(L)** **— Repeat for opposite side**.

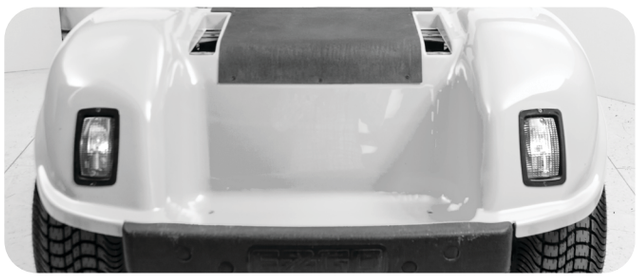


STEP 3.9 REINSTALL CHARGING PORT

• Peel back protective film from Charging Port cutout. Install Charging Port using Small Rivets **(S x 4)**.

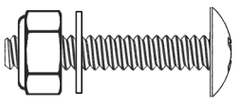
STEP 3.10 INSTALL TAIL LIGHTS, ACCESS PANEL, REAR BUMPER, HEADLIGHTS AND GRILLE

• Peel back protective film and install Tail Lights using screws provided. • Reinstall Access Cover. • Reinstall Rear Bumper.
• Peel back protective film and install Headlights, Tail Lights and front Grille using screws provided.



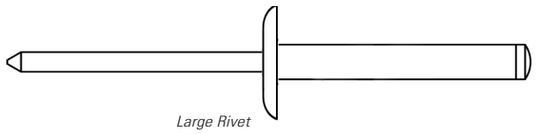
HARDWARE - SCALE 1:1

T



#10 X 1-1/8" Truss Head Screw - Flat Washer - #10 Nyloc Nut

L

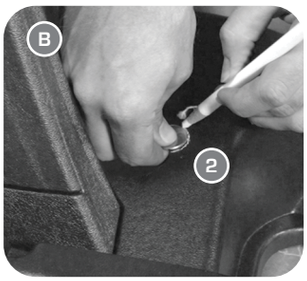


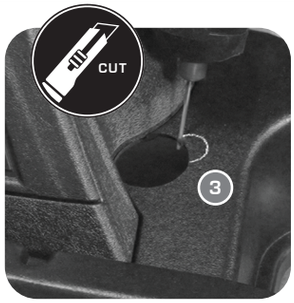
Large Rivet

INSTALL OPTIONAL SENTRY DASH & PILOT STEERING WHEEL

STEP 4.1 CUT HOLE FOR TURN SIGNAL WIRING

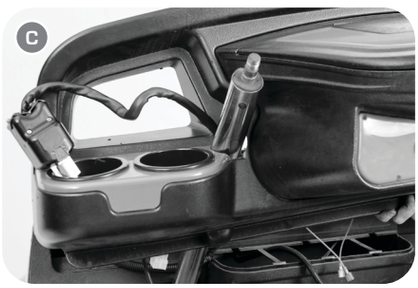
A. ****If you're NOT installing a Turn Signal, then skip this step**** - A 1/2" hole must be cut in Dash at location **(1)** to allow the Turn Signal Cable to feed through the Dash where the Turn Signal will attach to the Steering Column.
B. Use a quarter or large washer to mark a slightly overlapping circle **(2)** and cut out circle with a small saw **(3 & 4)**.

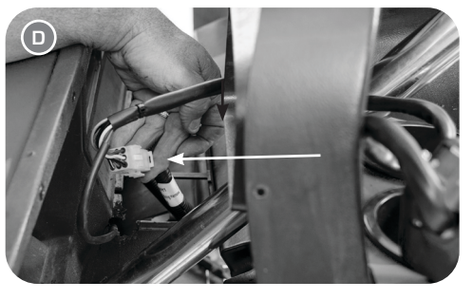




STEP 4.2 SLIDE DASH OVER STEERING COLUMN AND INSTALL

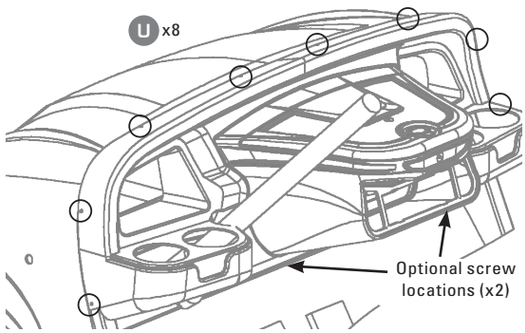
C. Route the Turn Signal wiring through the hole you cut in Dash. Slide the Dash over the Steering Column and existing Factory Dash.
D. Connect Turn Signal wiring to Dash Harness and pull all wiring back into the Dash Center Console.
E. Make sure Dash is fully seated over Front Body and Dash Support Frame. Install small screws in existing holes **(U x 8)**.
F. Determine locations for any switches (Key Switch, Lights On/Off Switch, etc.) on the removeable Faceplate on Dash. Cut/drill the required holes and install.





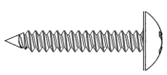
STEP 4.3 INSTALL TURN SIGNAL

G. Use the Ring Clamp and install the Turn Signal where desired.
H. Install Steering Wheel Hub Adapter by sliding onto center cog and reinstalling the nut from removed the factory Steering Wheel.
I. See instructions included with Pilot Steering Wheel for installation.



HARDWARE - SCALE 1:1

U x8



#8 x 3/4" Screw