

**READ THRU ALL INSTRUCTIONS BEFORE INSTALLING. WIRING DIAGRAM IS ON THE BACK.**

**THIS WIRE HARNESS SHOULD ONLY BE INSTALLED BY EXPERIENCED TRAINED ELECTRICAL TECHNICIANS.**

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:**

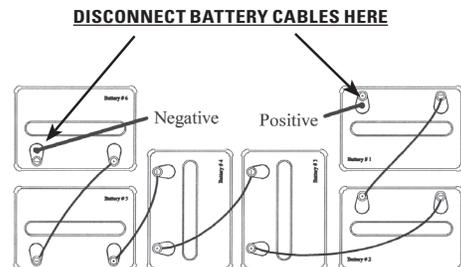
To avoid unintentionally starting the vehicle, disconnect the batteries as shown below.

**ELECTRIC VEHICLES WITH SPEED CONTROLLERS:**

After disconnecting the batteries, discharge the controller capacitors as follows:

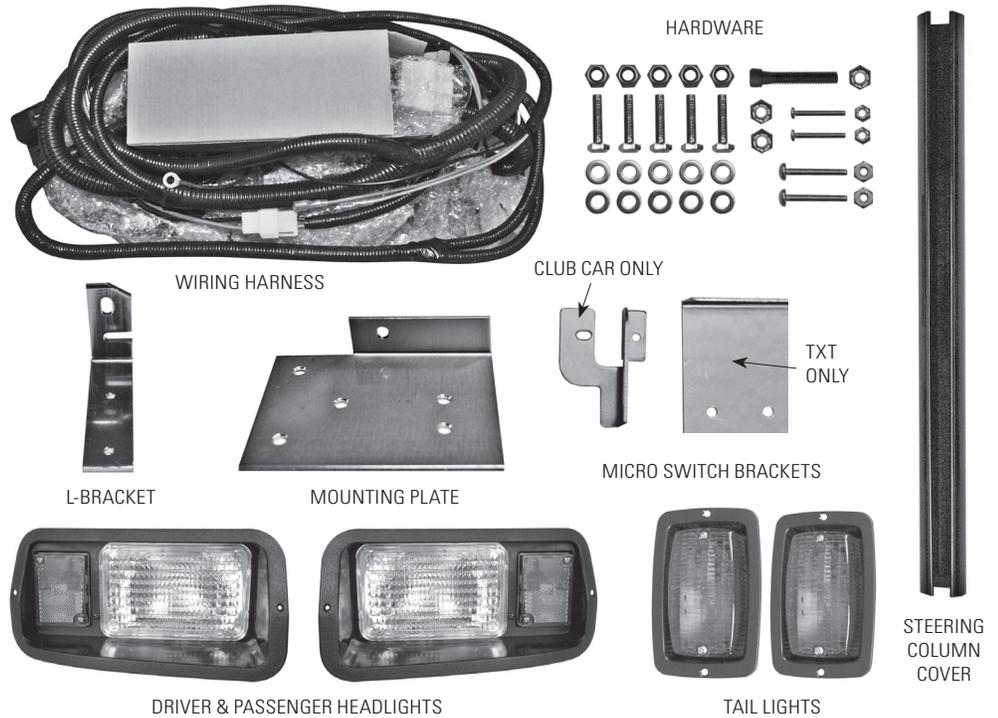
- Turn key to ON and place the forward / reverse handle in REVERSE.
- Slowly depress accelerator pedal and keep depressed until the reverse warning buzzer can no longer be heard. When buzzer stops sounding, the controller capacitors are discharged.

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

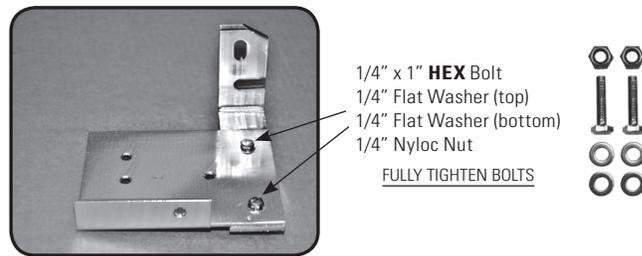


★ **STEP 1: Verify Contents**

Compare the contents of your Headlight Kit to the contents listed below:



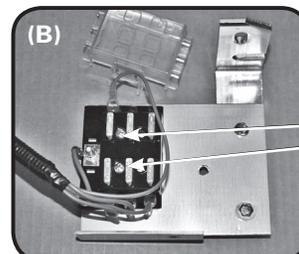
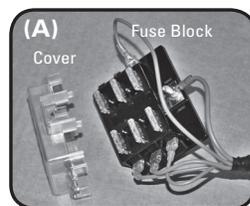
★ **STEP 2: Attach Mounting Plate to L-Bracket**



★ **STEP 3: Mount Fuse Block to Plate Assembly**

**(A)** Remove Fuse Block cover.

**(B)** Mount Fuse Box to Plate Assembly. Align edge of fuse box with edge of plate.



1" **PAN** Head Bolt  
Nyloc Nut  
(NOTE: Use center hole set on the Fuse Box)  
**DO NOT OVERTIGHTEN**

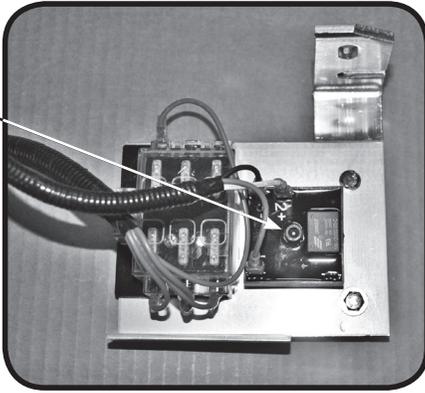
**(C)** Replace Fuse Box Cover.

★ **STEP 4: Mount Brake Light Delay Switch to Plate Assembly**



**CAP Screw**  
Nyloc Nut

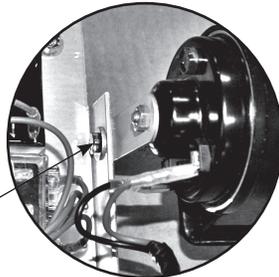
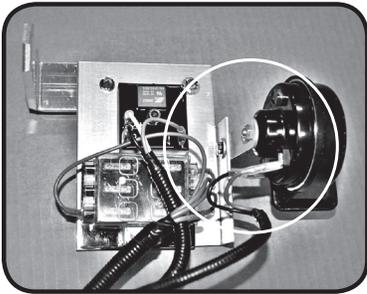
DO NOT OVERTIGHTEN



NEXT

★ **STEP 5: Mount Horn to Plate Assembly**

Mount the Horn Bracket (attached to horn) to the Plate Assembly as shown. Mount horn bracket so that the horn is above the Plate Assembly and can be turned to face down. This will place the wires on top for easy access.

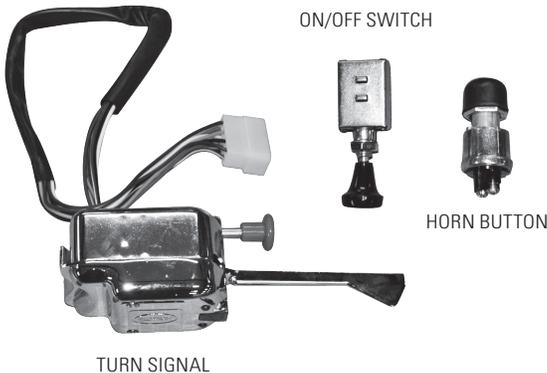


- 1/4" x 1" **HEX Bolt**
- 1/4" Flat Washer (top)
- 1/4" Flat Washer (bottom)
- 1/4" Nyloc Nut FULLY TIGHTEN

NEXT

★ **STEP 6: Remove the following parts from the wiring harness**

Remove the following components from the wiring harness and set aside:

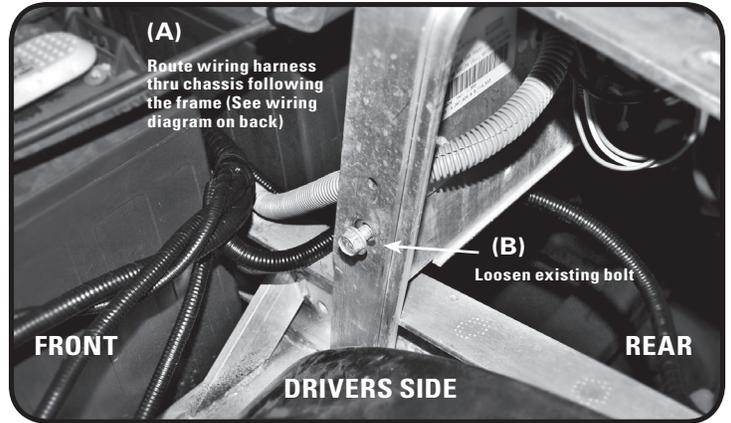


TOP

★ **STEP 7: Route Wiring Harness and Loosen Mounting Bolt to Install the Plate Assembly**

(A) Rest the Plate Assembly, with all mounted components, on the chassis. Route the wiring harness to the front and rear of the car following the frame (See wiring diagram on back page).

(B) Loosen the existing bolt rear body support frame.

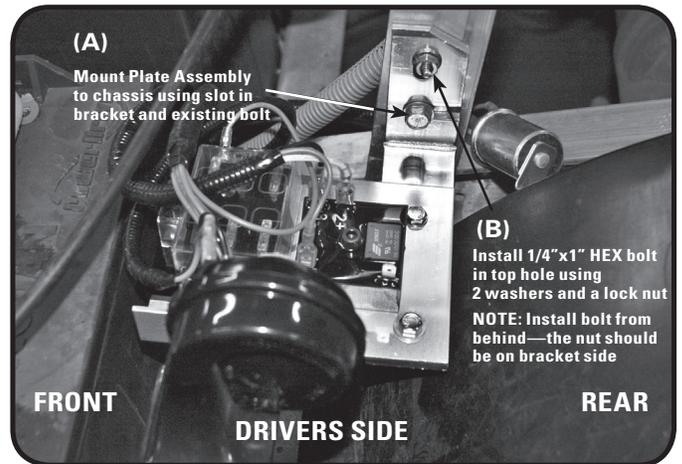


NEXT

★ **STEP 8: Mount the Plate and L-Bracket Assembly to the Chassis**

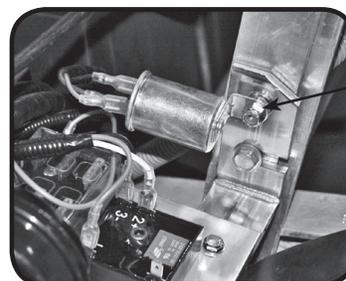
(A) Mount the Plate Assembly to the chassis using the slot in the L-Bracket and the existing loose bolt from step 7.

(B) Install 1/4"x1" HEX bolt into the top hole. **NOTE:** install bolt from behind with the nut on front (bracket side). FULLY TIGHTEN BOLTS



NEXT

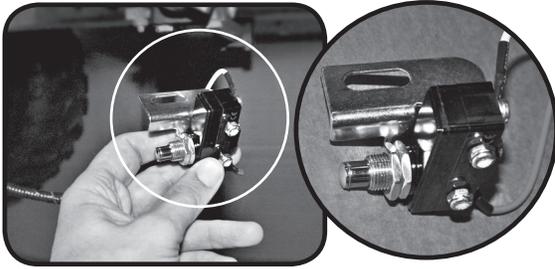
★ **STEP 9: Mount Flasher to the L-Bracket**



Mount the Flasher to the L-Bracket using the extra bolt threads from step 8 B. Use the thin, locking jam nut provided.

TOP

★ **STEP 10: Mount the Micro Switch Bracket to the Micro Switch (attached to wiring harness)**



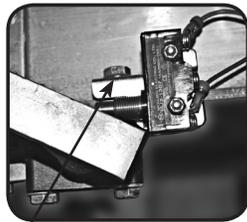
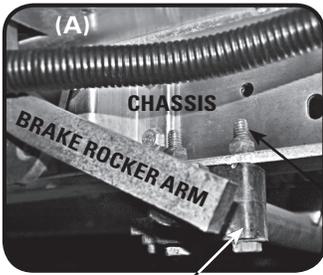
Use smallest HEX head screws and lock nuts - DO NOT OVER-TIGHTEN



NEXT

★ **STEP 11: Mount Micro Switch With Bracket To Chassis**

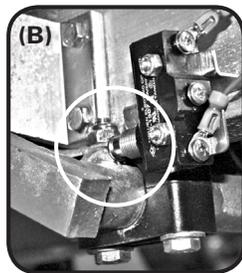
(A) Looking under the car, locate the “rocker arm” that is attached to the brake pedal. Find the clamp that attaches rocker arm to the chassis. Place the bracket, with micro switch, on the bolt closest to rear of car (Slide on top of existing nut). Use a new lock nut to mount the bracket to the chassis (with the micro switch facing out).



MOUNT BRACKET ON TOP OF EXISTING BOLT & LOCK NUT

CLAMP

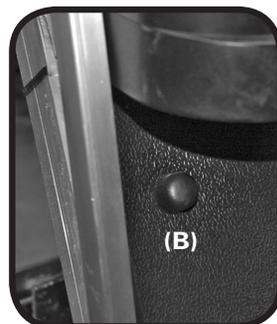
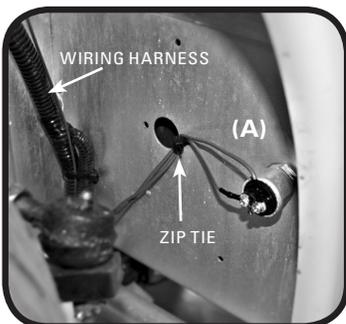
(B) Adjust the bracket so that the button on the micro switch is fully engaged by the rocker arm, when the brake is pushed (and in parking brake position). Fully tighten nut.



NEXT

★ **STEP 12: Install Horn Button (Floor Mount)**

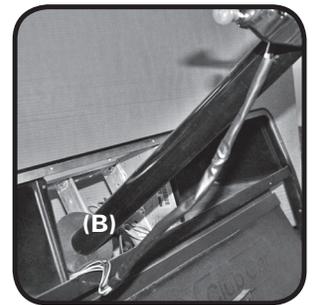
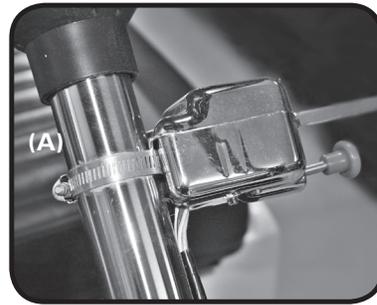
(A) From underneath the car, locate the existing hole in the floor-board wall on the driver’s side (closest to edge). Chase drill a hole thru the rubber flooring. Mount horn button to floor (B). Secure wiring with zip ties (A).



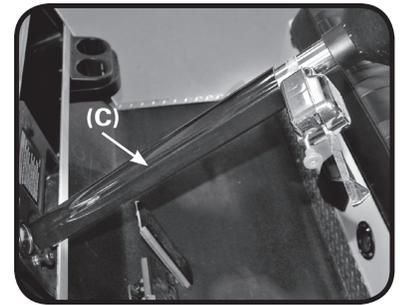
TOP

★ **STEP 13: Install Turn Signal & Steering Column Cover**

(A) Mount the Turn Signal to the steering column using the screw clamp. Tighten enough to hold the turn signal, while allowing you to reposition as needed. (B) Route the turn signal wiring down the steering column and thru the dash. Connect the turn signal wiring to the wiring harness behind the dash.



(C) Feed the excess wiring thru dash until the turn signal wiring is fairly tight and straight against the steering column. Adjust turn signal position to allow steering column cover to fit. Snap on the steering column cover with the wiring located inside the raised channel.



NEXT

★ **STEP 14: Install Headlights & Tail Lights**

Install the headlights and tail lights using the screws provided. Connect lights to wiring harness by following diagram on back (pg. 4).

NEXT

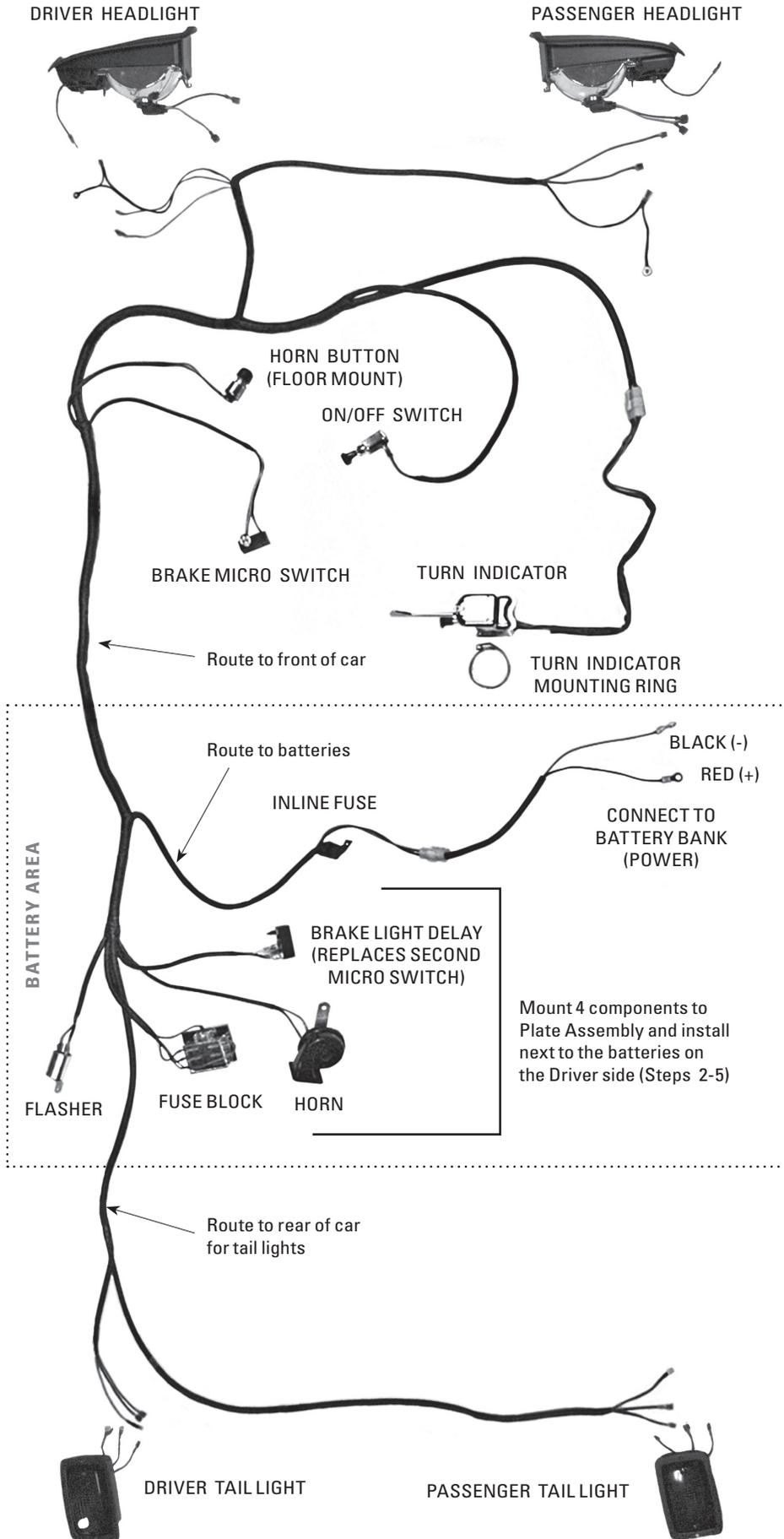
★ **STEP 15: Secure Wiring Harness to Chassis**

Use the provided zip ties to secure the wiring harness to the chassis.

NEXT

★ **STEP 16: Connect Wiring Harness to Battery**

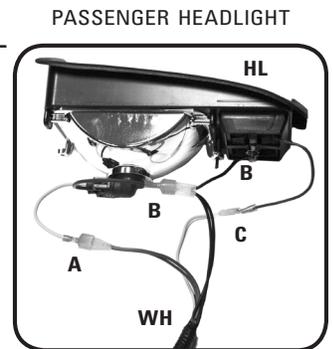
Connect Wiring Harness power supply wires (see wiring diagram on pg. 4) to a 12 volt power source (Note: 48v electric cars may require a voltage reducer).



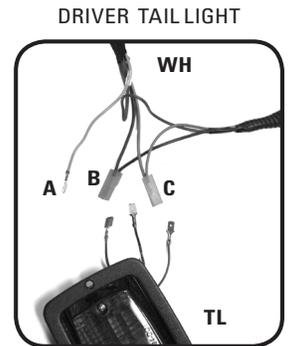
WH	HL
A) Red	> Green
B) Black	> Black (& Black eyelet to amber light screw)
C) Yellow	> Brown



WH	HL
A) Red	> Green
B) Black	> Black (& Black eyelet to amber light screw)
C) Green	> Brown



WH	TL
A) Orange	> Red
B) Black	> Black
C) Red	> Brown



WH	TL
A) Black	> Black
B) Brown	> Red
C) Red	> Brown

