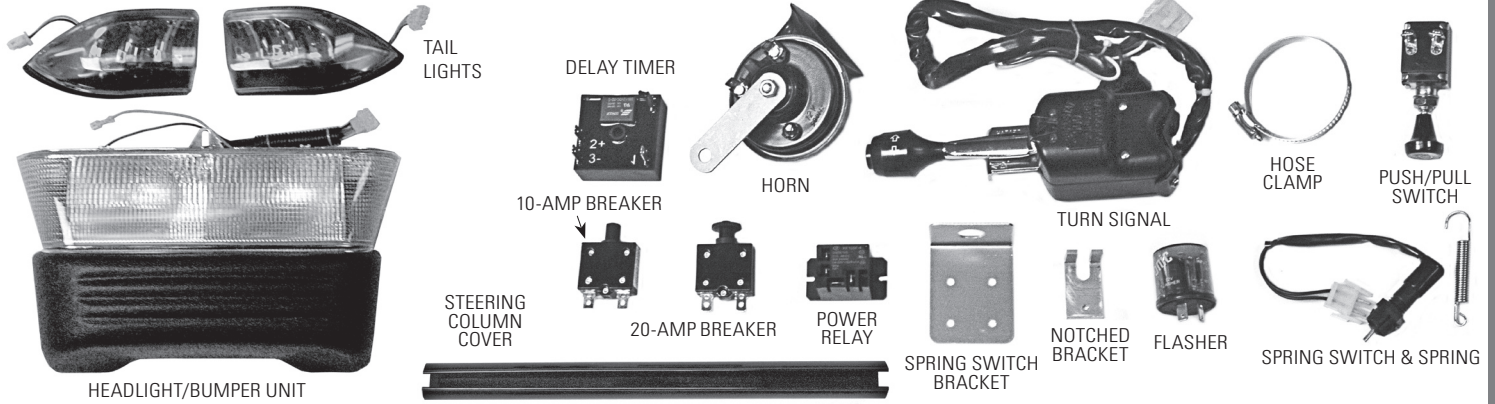


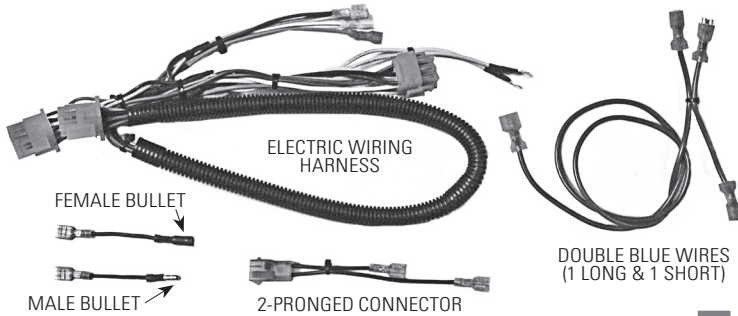
**FOR ELECTRIC & GAS CLUB CAR PRECEDENT MODELS 2004-2007 ONLY**  
**READ THRU ALL INSTRUCTIONS BEFORE INSTALLING.**

★ **STEP 1: Verify Contents**

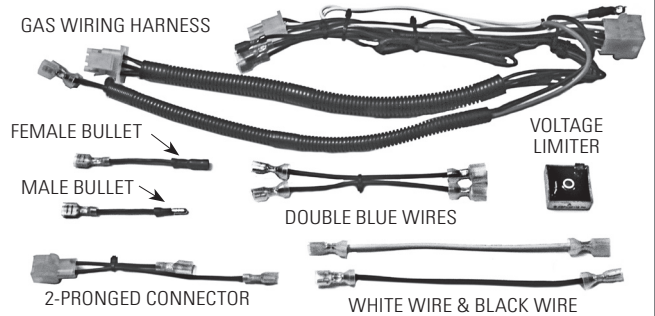
**COMMON PARTS (GAS & ELECTRIC KITS)**



**ELECTRIC KITS ONLY**



**GAS KITS ONLY**



NEXT

**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.

★ **STEP 2: Place Switch in TOW Position**

ELECTRIC golf cars: Lift seat bottom and place the TOW/RUN switch in the TOW position.



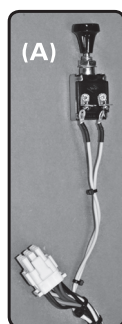
★ **STEP 3: Remove Ignition Switch Panel**



Remove the Ignition Switch Panel by removing the Torx head screws.

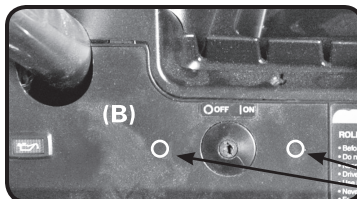
NEXT

★ **STEP 4: Mount Push/Pull Switch to Removed Panel**



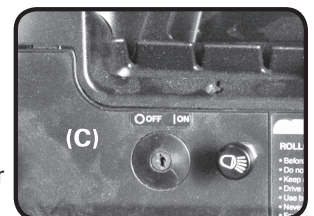
**(A)** Attach the yellow wires from harness to the Push/Pull Switch.

**(B)** Drill 3/8-inch hole in the Switch Panel for Push/Pull Switch. Locate hole approx. 1-1/2" on either side of Ignition Switch.

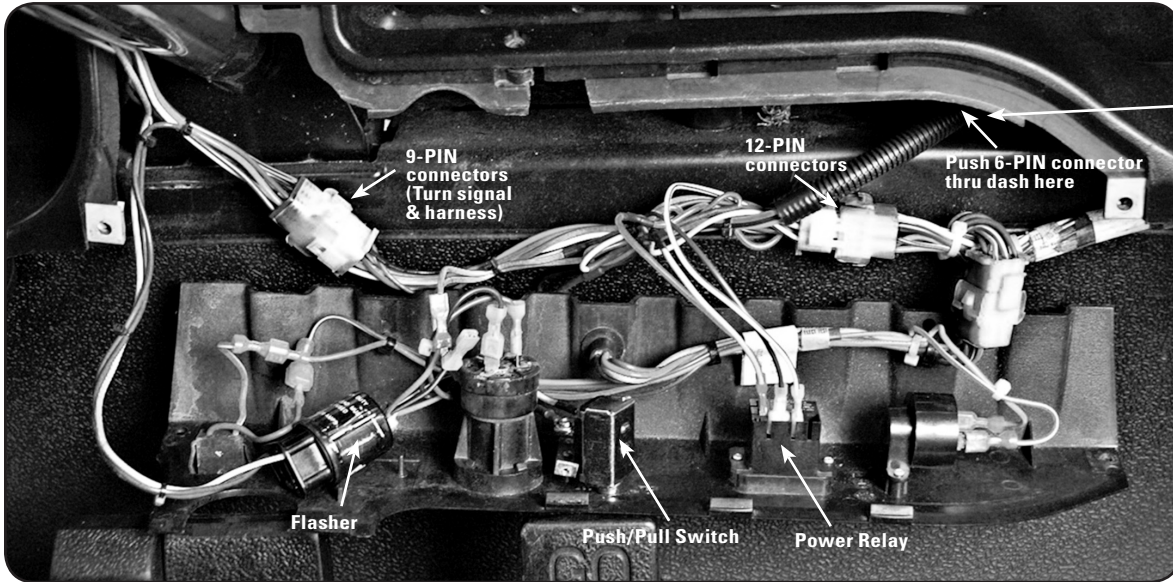


3/8" hole either here or here.

**(C)** Remove the knob, nut and washer from Push/Pull Switch. Insert into hole and replace washer, nut and knob.



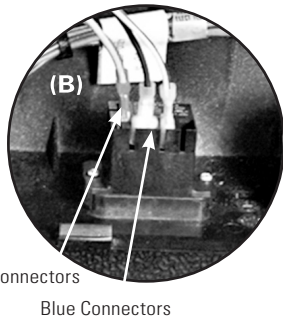
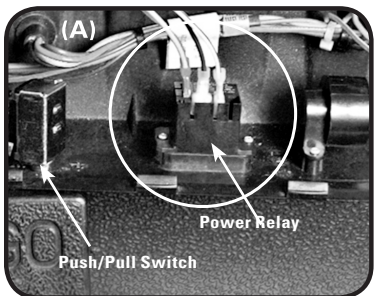
**IGNITION SWITCH PANEL (BACK) WIRING REFERENCE**



**GAS CARS ONLY**  
 Locate the long RED and BLACK wires on main wiring harness. Push these wires thru dash with the 6-PIN connector  
 The GAS harness does not have a 12-PIN connector. It has two 9-PIN connectors.

★ **STEP 5: Mount Power Relay**

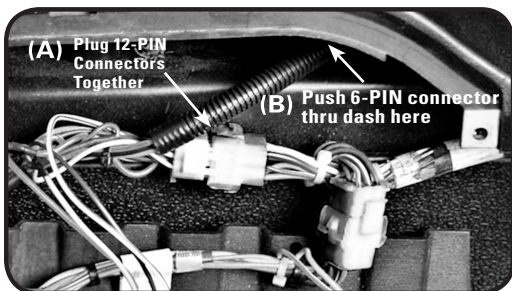
- (A) Locate and secure the Power Relay to the panel with two #4 x 3/8" screws (supplied) into the existing holes.
- (B) Locate the four loose wires on the harness and attach to Power Relay: Red connectors on side, Blue on front (See below).



NEXT

★ **STEP 6: 12-PIN & 6-PIN Connectors**

- (A) Plug the 12-PIN connectors together (One end from harness and one end from golf cart)
- (B) The 6-PIN connector is for the headlight. Push it thru the dash where indicated below.

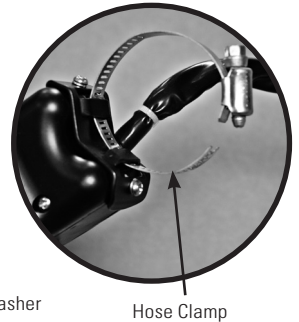
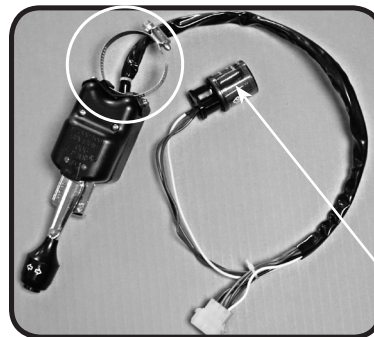


**GAS CARS ONLY**  
 (A) The GAS wiring harness has 9-PIN connectors on each end. One end replaces the 12-PIN connector shown.  
 (B) Locate the long RED and BLACK wires and Push these wires thru dash with the 6-PIN connector

TOP

★ **STEP 7: Attach Flasher and Hose Clamp to Turn Signal**

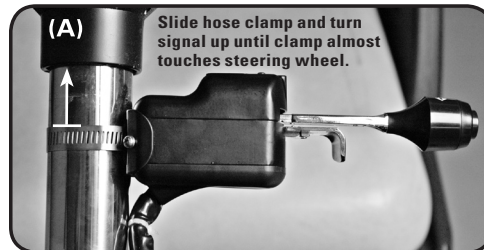
Locate two loose wires on turn signal. Plug them onto the Flasher. Next, loosen hose clamp and insert into Turn Signal as shown.



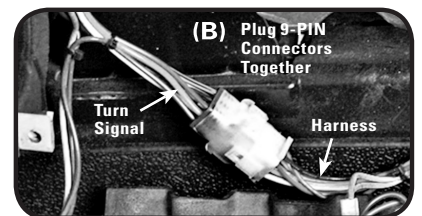
NEXT

★ **STEP 8: Mount Turn Signal to Steering Column**

(A) Mount turn signal switch to steering column with the hose clamp. Loosely tighten the clamp and then slide clamp and turn signal up until the clamp almost touches the steering wheel. Position turn signal as desired and tighten clamp.



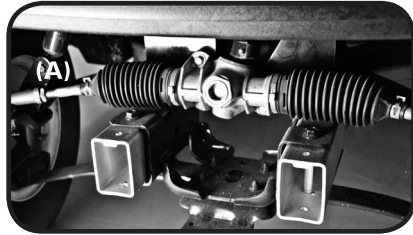
(B) Plug the 9-PIN connectors together and snap plastic steering column cover over steering column to hide wiring.



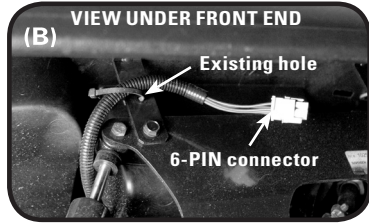
TOP

★ **STEP 9: Remove Bumper & Secure 6-PIN Harness**

(A) Remove the two bolts that attach the bumper to the frame. Save the nuts and bolts to install the Headlight/Bumper Unit (Step 11).

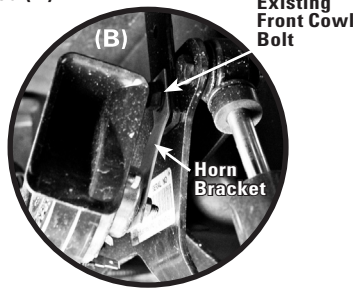
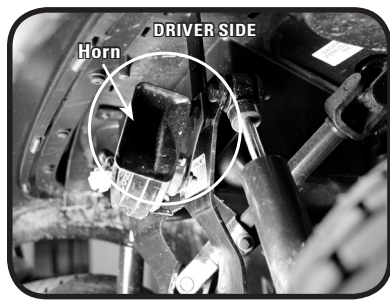


(B) Locate 6-PIN harness end that was pushed thru the dash (on passenger side). Pull the wiring loom to front of car and secure the wiring loom away from moving parts, with a zip tie (Use the existing hole in the frame support above shock mount).



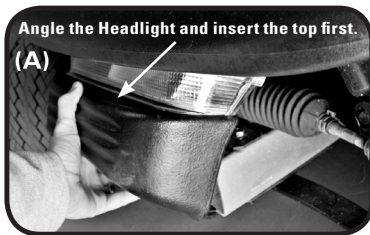
★ **STEP 10: Install Horn**

Locate the bolt holding the front cowl to the frame on the DRIVER'S SIDE (It's next to the top shock mount). Remove the bolt and install the Horn Bracket with the bolt that was just removed (B).

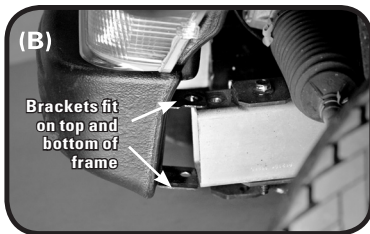


★ **STEP 11: Install Headlight/Bumper Unit**

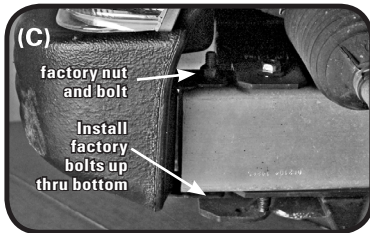
(A) Angle the Headlight/Bumper Unit and insert the top under the cowl first.



(B) Make sure the top bracket on each side rests on top of frame. Push down and in on the bumper, forcing the bottom brackets to the outside bottom of the frame (NOTE: this is a tight fit).

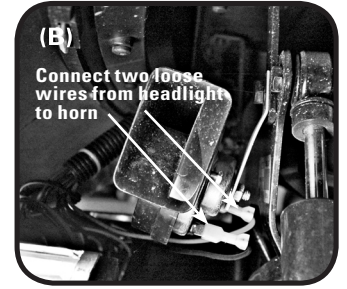
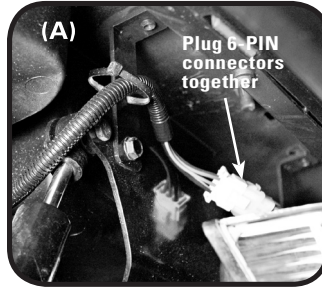


(C) Secure the Headlight/Bumper Unit to the frame using the factory bolts removed in step 9 (NOTE: make sure to install the bolts up thru the bottom with the nuts on top of frame).



★ **STEP 12: Connect Headlight Harness & Horn Wires**

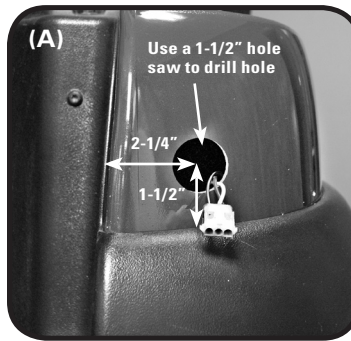
(A) Connect the 6-PIN connectors from harness and Headlight Unit.  
(B) Locate the two loose wires from Headlight Unit and connect to horn.



★ **STEP 13: Positioning and Installing Tail Lights**

(A) Measure up 1-1/2" from the top edge of the bumper and draw a small horizontal line. Measure 2-1/4" horizontally from the edge of the bag well and draw a small vertical line. Where the two lines intersect, use a 1-1/2" hole saw to drill a hole. After drilling the hole, look inside to locate the cart's tail light connector. Pull it through the hole and plug in the tail light. Push all wiring into the hole.

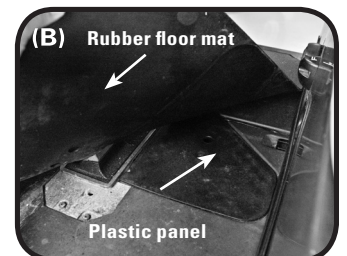
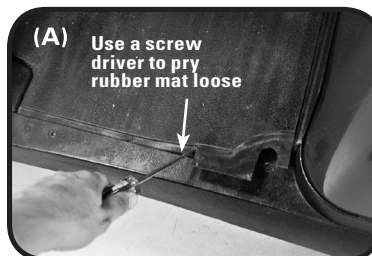
(B) Thoroughly clean the area of the cart where the tape on the tail light will be sticking. Remove the protective covering from the double sided tape on the back of the tail light, and position the tail light so that it rests on the bumper and the wide edge aligns with the bag well.



★ **STEP 14: Remove Floorboard Cover**

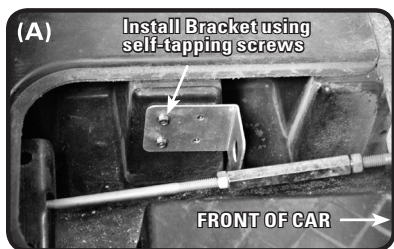
(A) Remove rubber floor mat by using a screw driver to pry mat out from under rocker panel.

(B) Locate finger hole in the plastic panel found between brake pedal and battery compartment. Lift out panel to locate brake linkage and brake adjustment in floor.

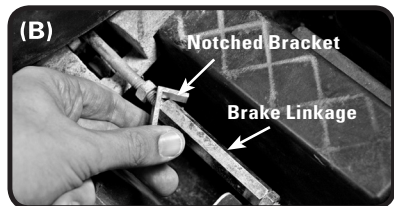


★ **STEP 15: Brake Switch Installation**

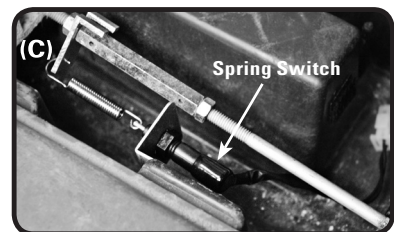
(A) Use two self-tapping screws to mount Bracket 1/4" below floorboard (to allow for floor panel to be seated properly) and positioned as shown.



(B) Locate small notched bracket in the harness kit (3/4" x 1-1/2") and attach to brake adjustment (You will have to loosen top nut enough to slide bracket onto linkage. Tighten nut to secure bracket.



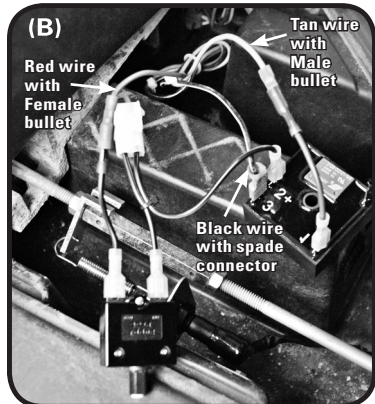
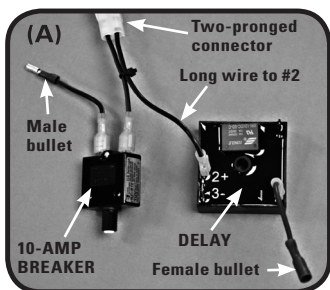
(C) Insert the Spring Switch into bracket. Attach spring to notched bracket. Make sure that when the brake pedal is depressed the spring switch is activated.



NEXT

★ **STEP 16: Install Delay and 10-amp Circuit Breaker**

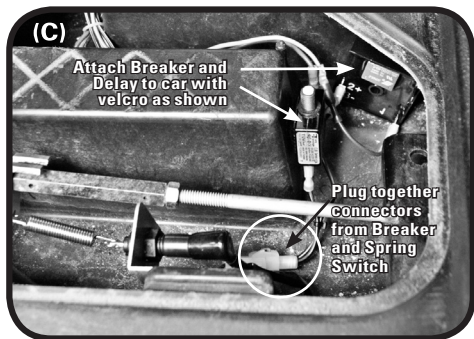
(A) Locate 10-amp breaker, Delay timer and small wires. Connect the wiring as shown.



(B) Under the floorboard, opposite from mounted spring switch, locate a tan, a red, and a black wire coming from car. The tan wire has a male bullet connector which connects to the female bullet on the Delay. The red wire has a female bullet connector

that connects to the male bullet on the circuit breaker. The black wire with a spade connector plugs into the #3 spade on the Delay.

(C) Use velcro to attach the Breaker and the Delay to the car as shown. Plug together the connectors from the breaker and the Spring Switch and replace plastic floor cover.

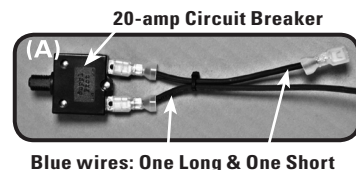


TOP

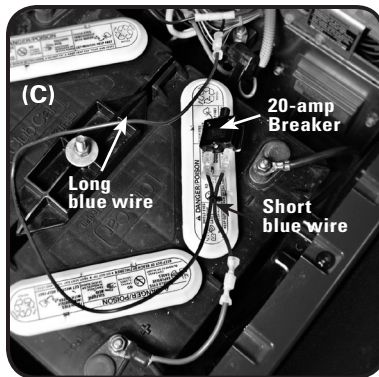
★ **STEP 17: Connect Harness to Power (Electric Cars)**

For GAS cars see instructions below

(A) Locate the blue wire set with one long and one short blue wire. Attach the wires to the 20-amp Circuit Breaker.



(B) Remove the seat and then remove the center console between the batteries (by RUN/TOW switch).



(C) Locate blue wire coming from the battery and connect it to the short blue wire from the circuit breaker. The long blue wire from the circuit breaker attaches to the blue wire under the console. You now have power to your lights. Route wires around batteries mount Breaker to car body with velcro.



NEXT

★ **STEP 18: Test Lights, Secure Harness and Reassemble**

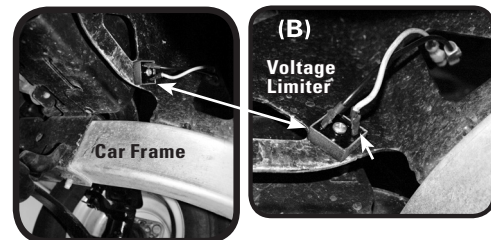
Test lights, turn signal, brake lights and brake light timer delay to make sure all connections were made correctly. Use wire ties to secure all loose wires so they do not come into contact with any of the car's moving parts. Reassemble all components removed during installation (Ignition switch panel, rubber floor mat, console cover, etc.).

**INSTRUCTIONS TO CONNECT POWER FOR GAS CARS**



(A) Attach double blue wires to 20-amp Circuit Breaker. Next, attach the black wire and white wire to Voltage Limiter.

(B) Install the Voltage Limiter under the car on the passenger's side using the existing hole located on the metal center dash support. Locate the red and black wires that were pushed thru dash in Step 6. Plug red wire to white wire and black wire to black wire from the harness to the voltage limiter.



View Under Car

(C) Plug the 20-amp Circuit Breaker into the two connectors coming from the harness near the solenoid. The solenoid is located next to the battery. Mount Breaker to side with velcro. Test system and secure all loose wires (See Step 18 above).

