

PHOENIX-RX™

BODY & LIGHT KIT FOR E-Z-GO RXV



E-Z-GO RXV - Phoenix-RX

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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.

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.

Make sure all wiring and wire harnesses 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.

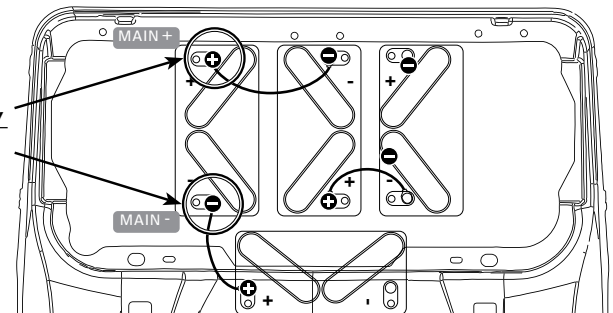
NOTE: For models with a TOW/RUN switch, place the switch in the TOW POSITION before disconnecting or connecting the battery cables.

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.

DISCONNECT BATTERY CABLES HERE



REMOVE THE FACTORY TOP, ACCESSORIES, & SWEATER BASKET

STEP 1.1 REMOVE THE FACTORY TOP

- Remove the six 5MM Hex Bolts from the Factory Top (x2 Front & x4 Rear).



REMOVE THE FACTORY TOP, ACCESSORIES, & SWEATER BASKET

STEP 1.2 REMOVE BAG COVER AND ACCESSORIES

- Remove 10mm Bolt from the upper Bag Cover Brackets. Repeat on the other side.
- Remove the lower Bag Cover Brackets from the Sweater Basket using a T45 Bit. Repeat on the other side.
- Remove any additional accessories (Sand Bottle, Cooler Mount, etc.) using a 15mm Socket and Wrench.



STEP 1.3 REMOVE THE BASKET

- Use a T45 Bit to remove the two bolts from the Sweater Basket that fasten it to the Seat Back Support. Repeat on the other side.



STEP 1.4 REMOVE TOP FRAME SUPPORT

- Remove the two 15mm Hex bolts from the rear Top Frame Support. Repeat on the other side.



STEP 1.5 REMOVE THE FACTORY SEAT BACK CUSHION

- Remove the two T45 Screws Seat Back Support. Repeat on the other side.



REMOVE THE FACTORY REAR BODY

STEP 2.1 REMOVE THE RUBBER SEALS

- Remove the two Rubber Weather Seals from the Rear Body and Seat Frame Supports, and set aside for use later.



STEP 2.2 REMOVE THE ACCESS PANEL

- Remove the four screws on the Access Panel using a T25 Star Bit.



STEP 2.3 REMOVE THE BAG WELL COVER

- Remove the two screws using a T45 Star Bit, and remove the Bag Well Cover by prying it away from the Clip Mounts. Save the hardware.



STEP 2.4 REMOVE THE HIP RESTRAINTS

- Remove and save the two Factory Hip Restraints from the Seat Cushion, using a 15mm Socket. • Remove front Hinge Cleats. — Save the hardware and components for reinstallation with DoubleTake Deluxe Seat Cushions.



STEP 2.5 REMOVE THE SIDE TRIM

- Remove the five T45 screws from the 2-section Side Trim panels on each side of the golf car.

This step will reveal the Rear Body Screws that fasten the Rear Body to the side of the Chassis.

Save the Side Trim and hardware.



REMOVE THE FACTORY REAR BODY (CONTINUED)

STEP 2.6 REMOVE THE FACTORY REAR BODY

A. Remove the two T45 screws from each side of the Rear Body. Save the hardware.

Go to the front of the Rear Body and remove the Four screws from the Charging Port Receptacle. Push the Charging Port assembly into the cavity so that it's out of the way. Save the Charging Port Receptacle and hardware.

B. Remove all the Rear Body hardware with a T50 Star Bit from the top of the Battery Compartment. Save the hardware.

C. Remove the hardware and Cushion Hinge Clips using a T50 Star Bit. Save the hardware and Clips.

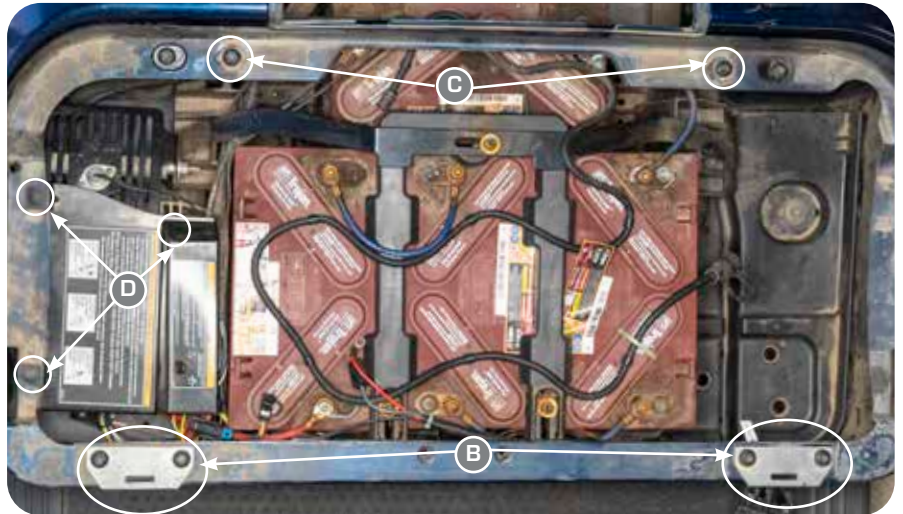
D. Remove the plastic hardware at three points on the Tow/Run Switch Console. Dislodge the Tow/Run Switch Console from the compartment, push it out the way and save the Fasteners for later reinstallation.

Note. For safety, the Tow/Run Switch should have been set to Tow at the start of work on the golf car.

E. Finally, lift the Rear Body away from the car Chassis and maneuver it around and over the J-shape Seat Back Supports.

Note. If you removed the hardware that fastens the Battery Compartment Cross Brace Bar, it will be completely unsecured. Use two of the removed T50 screws and refasten the Cross Brace Bar back onto the Chassis.

Now that the Rear Body has been removed, it will be easier to access the Seat Back Support hardware for Seat Back Support removal.



STEP 2.7 REMOVE THE SEAT BACK SUPPORTS

- Remove the two Hex Bolts and Nuts from the Seat Back Support with a 15mm Socket and 15mm Wrench. Save the hardware.

Only save the Factory Seat Back Supports for use in a 2-passenger golf car configuration. 4-passenger golf cars will require DoubleTake Seat Back Supports, which are supplied with Rear Seat Kit.



REMOVE THE FACTORY FRONT BODY

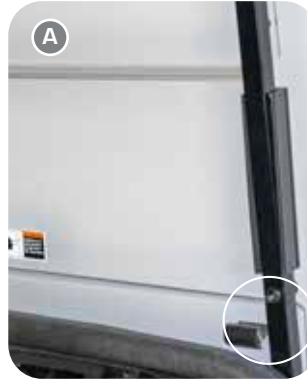
STEP 3.1 REMOVE THE FRONT FRAME

A. First remove the Windshield if it has not been already done. Save the hardware

B. The Front Frame **must** be removed before the Factory Front Body can be removed. Using a flat head screwdriver, pry out the two Frame Cover Caps on the Dash to reveal the Front Frame hardware.

C. Remove the four 15mm Bolts securing the Front Frame, then remove the Front Frame. Save the Front Frame and hardware.

Save the two Factory Rubber Seals on the Front Frame, for reinstallation with a DoubleTake Front Body.



STEP 3.2 REMOVE THE FACTORY FRONT BODY

D. In order to remove the Front Body, first remove the four screws from the underside of the Outer Dash Cap using a T30 Star Bit.

E. Once done, pry back the top of the Outer Dash Cap, disconnect the Key Switch from the Factory Harness. Remove the Key Switch from Dash and save for later.

F. Remove the unfastened Front Body from the golf car, then temporarily lay the Factory Key Switch Harness on the Front Body Compartment Tray for later. Finally, remove the Outer Dash Cap by pulling it away from the Dash Mounting Clips.



PREP FACTORY DASH FOR SENTRY DASH INSTALLATION

STEP 4.1 REMOVE USB PANEL AND UPPER CENTER CONSOLE

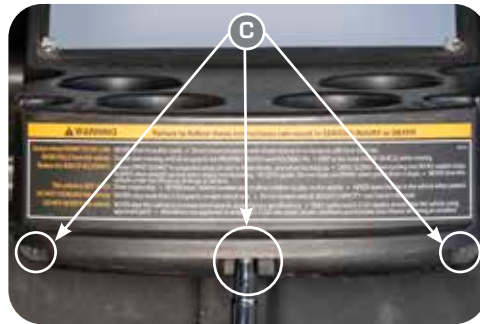
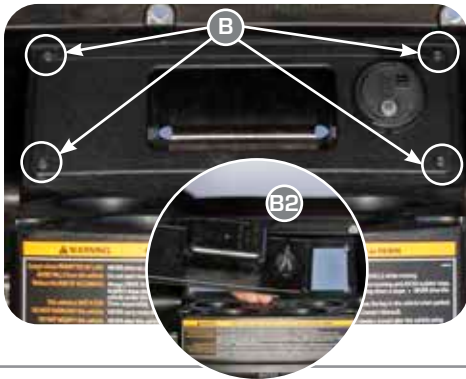
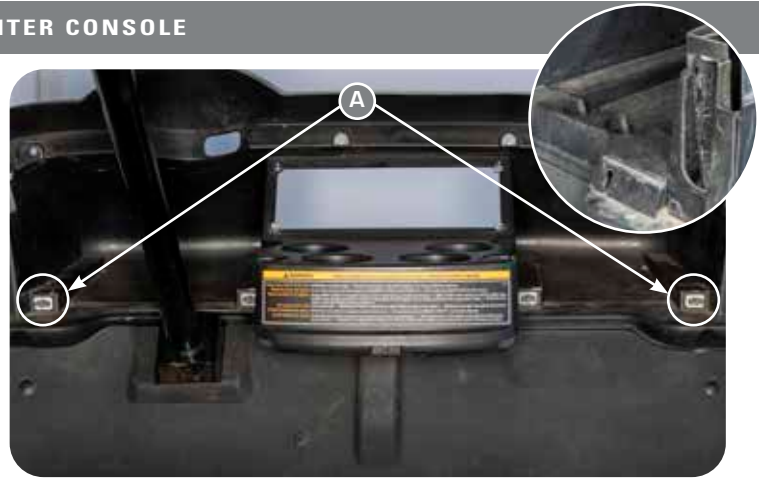
A DoubleTake Sentry Dash is **required** to install the Phoenix-RX Body Kit.

A. Remove the two Locking Clips between the Outer Dash Cap edges and the Center Console by pulling them out of the Dash.

B. Remove the screws on the USB Panel with a Phillips Screwdriver then disconnect the USB at the Connector if applicable (**B2**).

C. Next, remove the three Butterfly Nuts with a 10mm Socket to release the Upper Console.

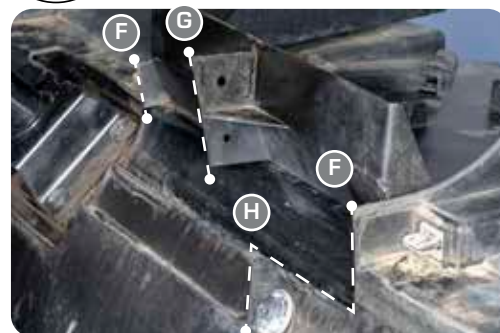
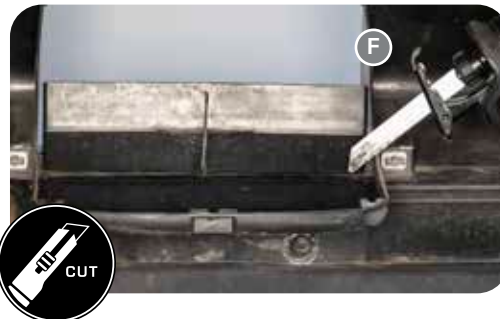
D. Finally, pry the Clips loose and remove the Upper Console. Remove any USB Connectors, if applicable.



STEP 4.2 CUT AND REMOVE LOWER CENTER CONSOLE

E. Pull the Rubber Floor Mat away from the Dash and pull all Factory Wire Harnesses through the Dash and out the way for the Dash cutting process.

F. With a Reciprocating Saw, cut the Lower Console away from the Dash on both sides where the Lower Console meets the Dash. **G.** Make a third cut where the Lower Console meets the Dash Tray. **H.** And make a fourth cut to sever the Lower Console section from the Dash edge just before the Dash hardware mounting point.



STEP 4.3 REMOVE THE FLOOR PAN COVERINGS

- I. Remove the Rubber Floor Mat, by removing the six Push Rivets and maneuver the Floor Mat out over the Pedal Controls.
- J. Remove the four plastic Push Rivets securing the Brake Well Cover to expose the Brake Well for Micro Switch and Delay Timer installation.



NOW IT'S TIME TO RESTORE GOLF CAR AESTHETICS

- Pressure-wash away the years of accumulated golf course dust and grime.
- When dry, use Satin Black spray paint (for plastics) on the sun-faded Trim, Chassis and components to restore the golf car to a pristine appearance.

DELUXE LIGHT KIT COMPONENTS



INSTALL THE DELUXE LIGHT KIT WIRING

STEP 5.1 INSTALL THE BUCKET HARNESS

A. Lay the Bucket Harness over the length of the golf car so that the two Connectors on the Tail Light sections are at the rear of the golf car..

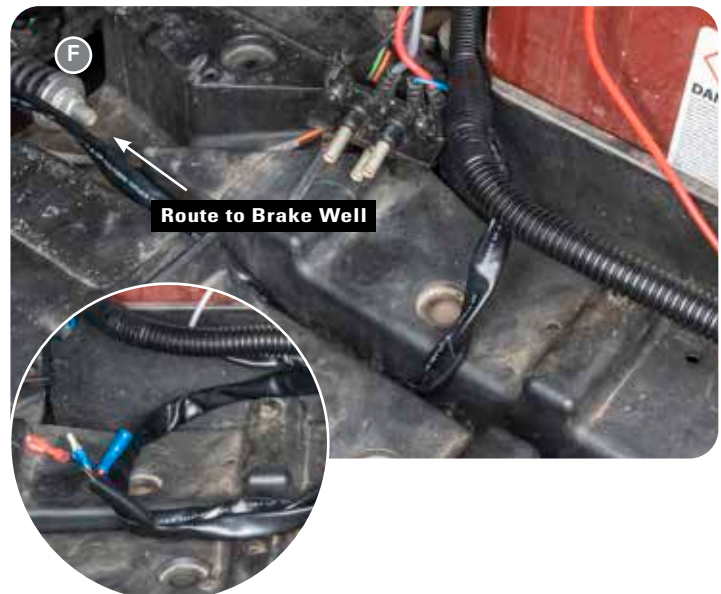
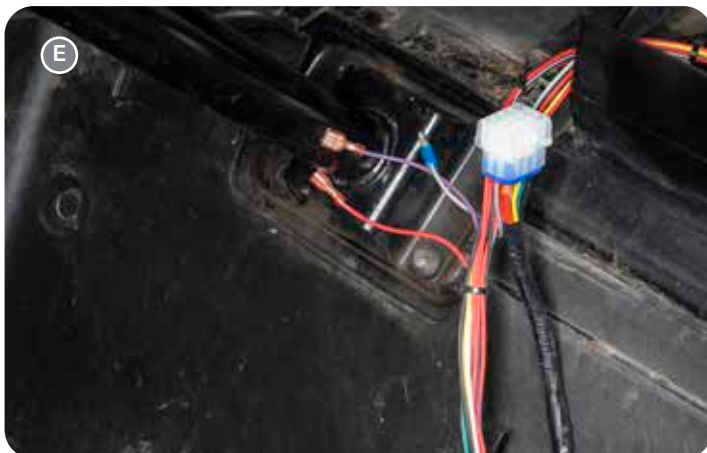
B. Fasten the Tail Light Harness sections along the back of Cross Bar with cable ties.

C. Route the Bucket Harness down along the driver-side of the battery compartment to allow the Red and White battery connection wires to align with the first battery. Connect the Negative Extender Wire (White or Gray) to the Bucket Harness White cable. **Note.** Temporarily leave the battery unconnected. It will be connected for the Light Testing step.

D. Route the 12-Pin Connector section of the Bucket Harness around the Battery Compartment and tuck it into the center Floor Pan Channel and run it up to the Dash.

E. The 12-Pin Connector should be positioned below the Dash for later connection to the Dash Harness 12-Pin Connector.

F. Route the 3-Bullet Connector Cable section of the Bucket Harness along the driver-side Floor Pan Channel to the Brake Well for later connection to the Micro Switch and Delay Timer.



** ELECTRIC CAR ONLY ** — INSTALL MICRO SWITCH

STEP E5.2 ** ELECTRIC CAR ONLY ** — INSTALL THE MICRO SWITCH — (SKIP TO STEP G5.2 FOR GAS)

G. First remove the hardware from the Brake Mount Pillar Bracket. Use a 1/4" Hex Bit to remove the first Hex Screw **(1)** and a 10mm Socket to remove the middle Hex Bolt **(2)**. Save the hardware.

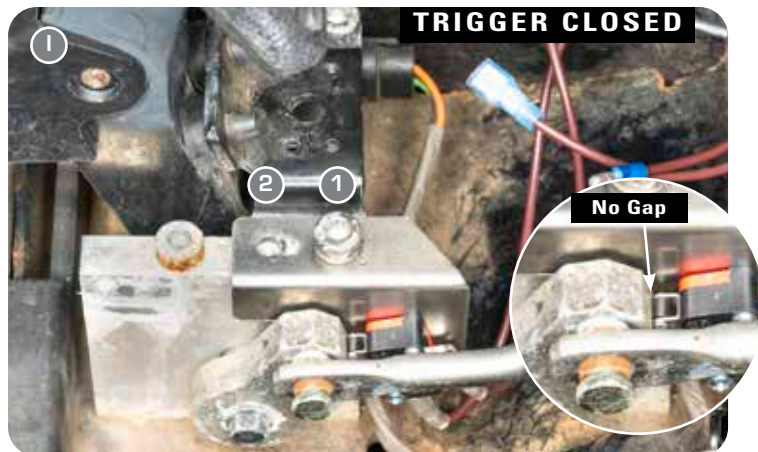
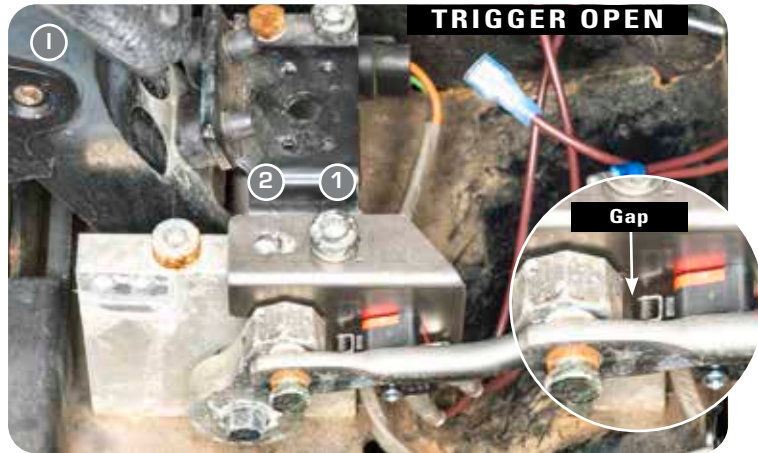
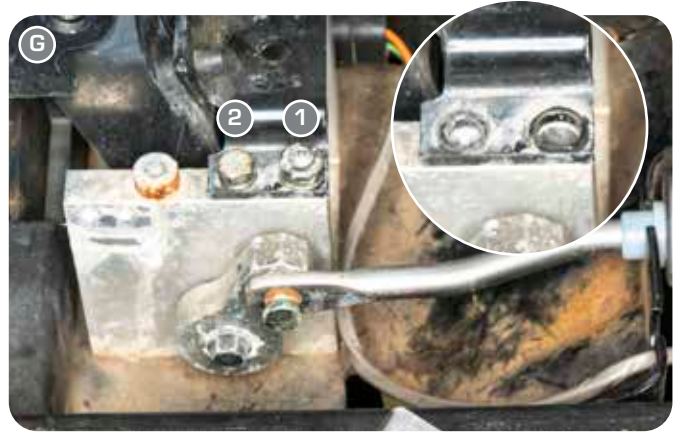
H. Before installation, fasten the Micro Switch onto the Micro Switch Bracket using the two provided bolts and Nyloc Nuts. Use a Phillips screwdriver and 7/32" socket together.

Then, in any order connect the two Brown Wire Spade Connectors to the Micro Switch Pins. Each Spade must connect to each of the Outer Pins on the Micro Switch. **Do not use the Middle Pin** for any connections (See Brake Well Switches diagram).

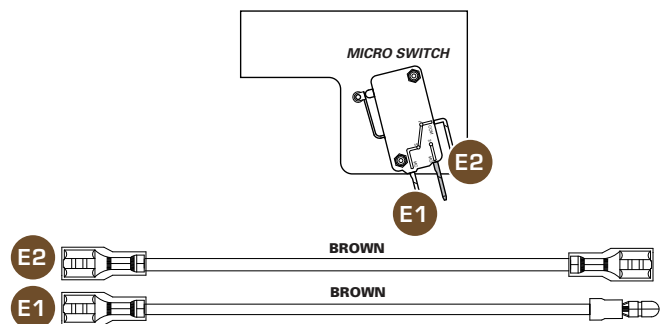
I. Next, install the Micro Switch assembly onto the top of the Brake Pedal Mount Pillar using the previously removed hardware.

Hold the Bracket in position over the two hardware holes, insert the Hex Screw **(1)** and lightly fasten the Bracket down with a 1/4" Hex Bit while ensuring that the Micro Switch Trigger rests against the Brake Lever. Push the Brake Pedal to ensure that Brake Lever opens the Micro Switch Trigger with an audible click. Return the Brake Pedal to its standard position to ensure the Micro Switch closes with an audible click.

J. Reinstall and fasten the saved Hex Bolt **(2)** and then tighten the Hex Screw **(1)** to secure the Micro Switch Bracket in position.



BRAKE WELL MICRO SWITCH — ELECTRIC CAR ONLY



** ELECTRIC CAR ONLY ** — INSTALL DELAY TIMER

STEP **E5.3** **ELECTRIC CAR ONLY** — INSTALL THE DELAY TIMER — (SKIP TO STEP G5.3 FOR GAS)

F. Pull the Bucket Harness into the Brake Well and under the Brake Pedal Rod.

G. Next, connect the Delay Timer to the Micro Switch and Bucket Harness 3-Connector section.

Note. The two Brown Connector wires were previously installed Spade end to the Micro Switch in the previous installation step.

1. From the Micro Switch, connect the Brown wire Bullet Male (E3) to the Bucket Harness Red wire Bullet Female (E3).

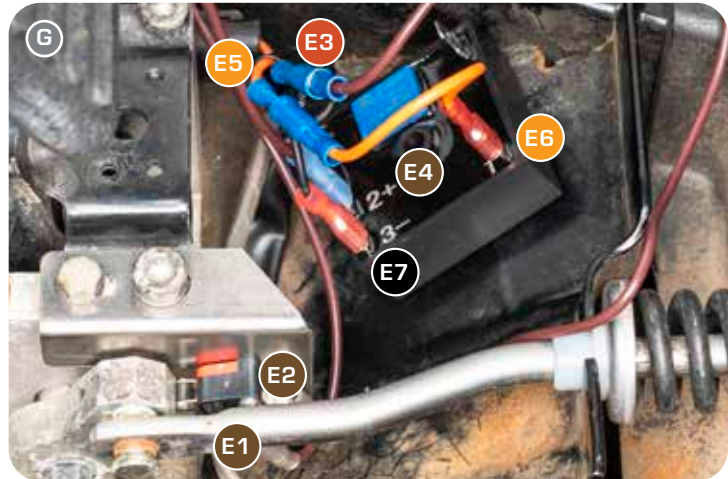
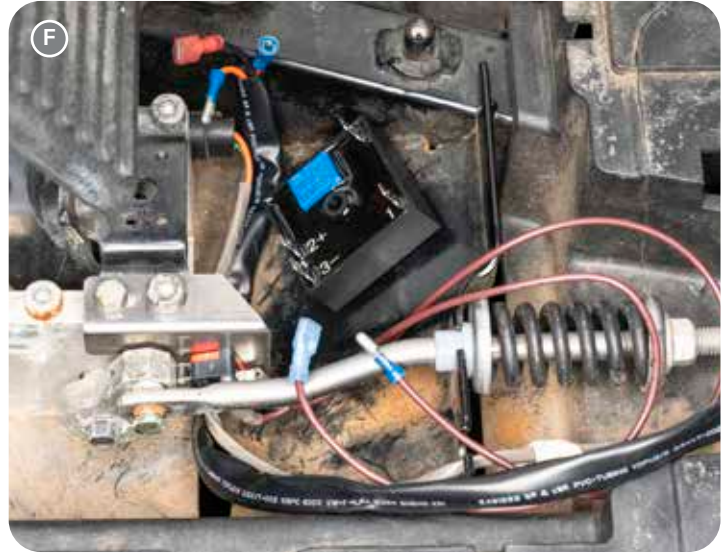
2. From the Micro Switch, connect the Brown wire Spade (E4) to Pin 2+ (E4) on the Delay Timer.

3. From the Bucket Harness, connect the Orange wire Bullet Female (E5) to the Orange Connector wire Bullet Male (E5), then connect its Orange Connector wire Spade (E6) to Pin 1 (E6) on the Delay Timer.

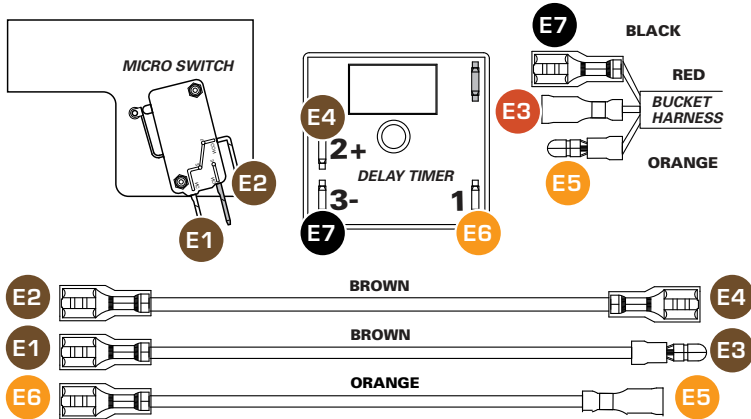
4. From the Bucket Harness, connect the Black wire Spade (E7) to Pin 3- (E7) on the Delay Timer.

- Use Velcro to stick the Delay Timer to the Brake Well Floor, then tuck all the wiring into the Brake Well and Floor Pan Channels.

- The Brake Well Cover should be replaced once the Light Kit has been tested in a later step.



BRAKE WELL SWITCH WIRING — ELECTRIC CAR ONLY



** GAS CAR ONLY ** — INSTALL MICRO SWITCH

STEP G5.2 ** GAS CAR ONLY ** — INSTALL THE MICRO SWITCH

A. First remove the hardware from the Brake Mount Pillar Bracket. Use a 1/4" Hex Bit to remove the third Hex Screw **(3)** and a 10mm Socket to remove the middle Hex Bolt **(2)**. Save the hardware. Raise the first Hex Screw **(1)** about an 1/8" in height.

B. Before installation, fasten the Micro Switch onto the Micro Switch Bracket using the two provided Bolts and Nyloc Nuts. Use a Phillips screwdriver and 7/32" socket together to prevent hardware rotation. The Micro Switch Trigger Shaft must be position at the bottom of the Bracket.

Then, in any order connect the Red and Black wire O-Ring Connectors to the Micro Switch Posts. Each O-Ring must connect to the two outside Posts. **Do not use the Middle Post.** (See Brake Well Switches diagram).

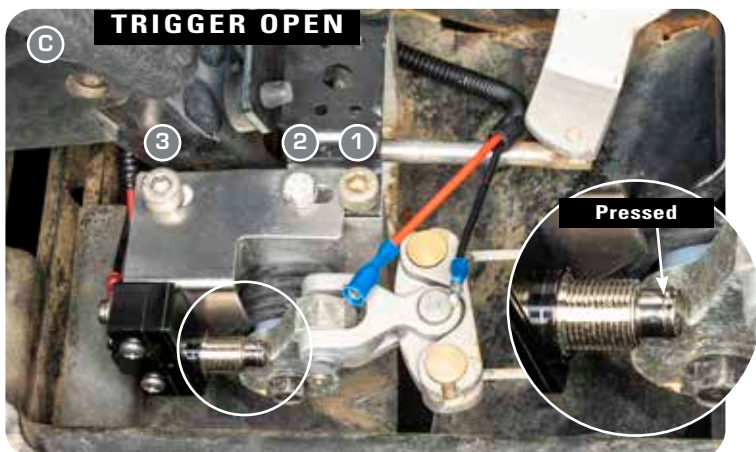
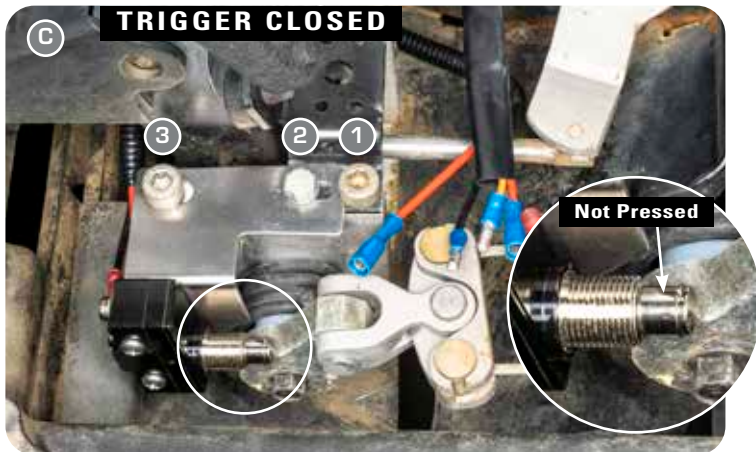
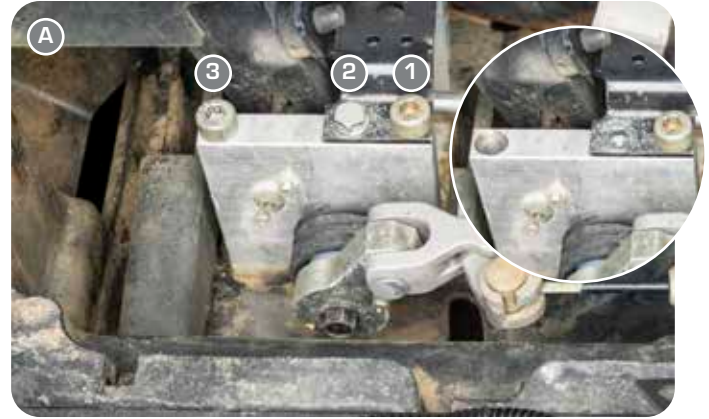
C. Install the Micro Switch assembly onto the top of the Brake Pedal Mount Pillar using the saved hardware.

Run the Red and Black cables around the base of the Brake Pedal in the Brake Well.

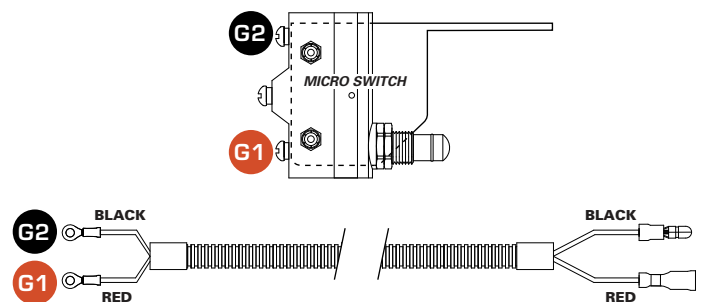
Place the Bracket up against the shank of the partially released front Hex Screw **(1)**. Hold the Bracket in position, insert the saved middle Hex Bolt **(2)** and fasten. Fasten down the front Hex Screw **(1)**. Install, but not tighten the third Hex Screw **(3)**. Ensure that the Micro Switch Trigger rests against the Brake Rod Lever.

To check the Micro Switch, push down the Brake Pedal to ensure that Brake Lever opens the Micro Switch Trigger with an audible click. Return the Brake Pedal to its standard position to ensure the Micro Switch closes with an audible click.

D. Finally, tighten the third Hex Bolt **(3)** to secure the Micro Switch Bracket in position.



BRAKE WELL SWITCHES — GAS CAR ONLY



** GAS CAR ONLY ** — INSTALL DELAY TIMER

STEP **G5.3** ** GAS CAR ONLY ** — INSTALL THE DELAY TIMER

E. Pull the Bucket Harness 3-Connector end into the Brake Well, and around the Pedal Control Swivel Arm to connect the Delay Timer, Micro Switch and Bucket Harness together.

F. Next, connect the Delay Timer to the Micro Switch and Bucket Harness 3-Connector section.

Note. The Red and Black wires were previously installed O-Ring end to the Micro Switch in the previous installation step.

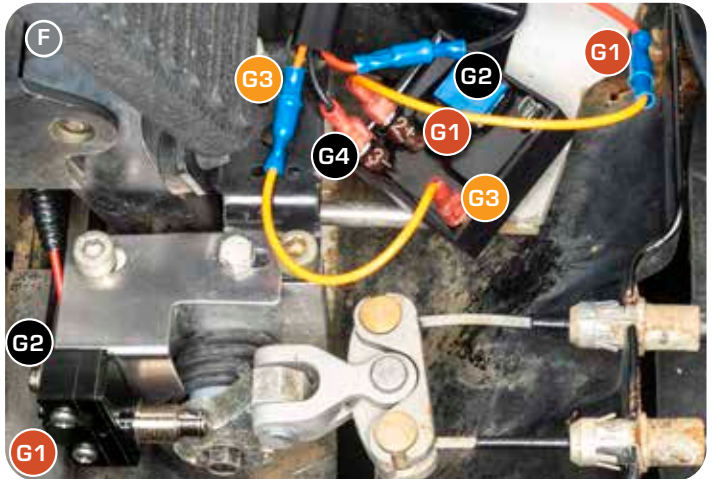
1. From the Micro Switch, connect the Red wire Bullet Female (G3) to the Orange Connector wire Bullet Male (G3), then connect its Orange Connector wire Spade (G4) to Pin 2+ (G4) on the Delay Timer.

2. From the Micro Switch, connect the Black wire Bullet Male (G5) to the Red wire Bullet Female (G5) on the Bucket Harness.

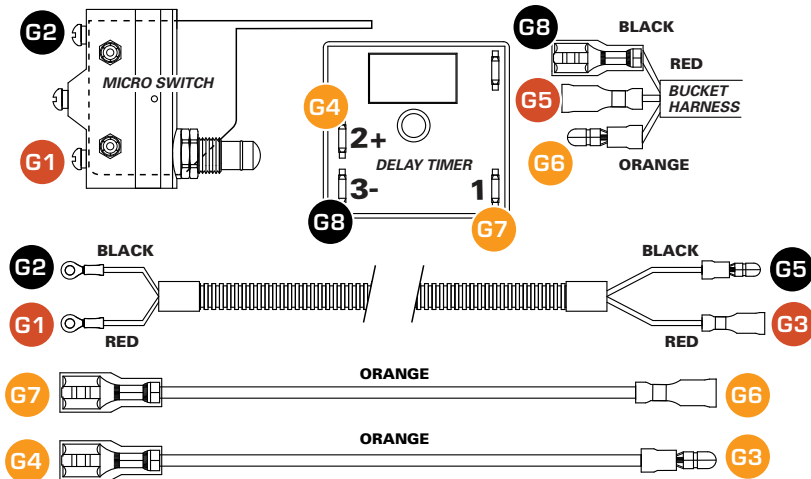
3. From the Bucket Harness, connect the Orange wire Bullet Male (G6) to the Orange Connector wire Bullet Female (G6), then connect Orange Connector wire Spade end (G7) to Pin 1 (G7) on the Delay Timer.

4. From the Bucket Harness, connect the Black wire Spade (G8) to Pin 3- (G8) on the Delay Timer.

Use Velcro to stick the Delay Timer to the Brake Well Floor, then tuck all the wiring into the Brake Well and Floor Pan Channels.



BRAKE WELL SWITCH WIRING — GAS CAR ONLY



INSTALL THE DASH AND HEADLIGHT HARNESSSES

STEP 5.4 INSTALL THE DASH HARNESS (STANDARD HARNESS) & HEADLIGHT HARNESS (HYBRID HARNESS)

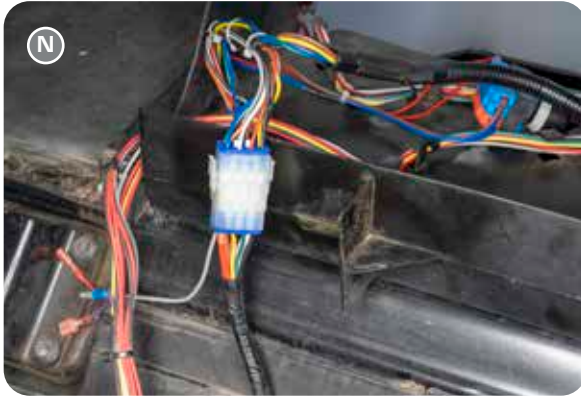
N. Connect the Dash Harness 12-Pin Connector to the Bucket Harness and temporarily lay it down in the front body area for later connections.

O. Connect the Dash Harness 6-Pin Connector **(1)** to the Headlight Harness 6-Pin Connector **(2)**. Temporarily lay Headlight Harness in the front body area for later connections to the Horn and Headlights.

DASH HARNESS
(STANDARD HARNESS)



HEADLIGHT HARNESS
(HYBRID HARNESS)



INSTALL THE FRONT PHOENIX BODY

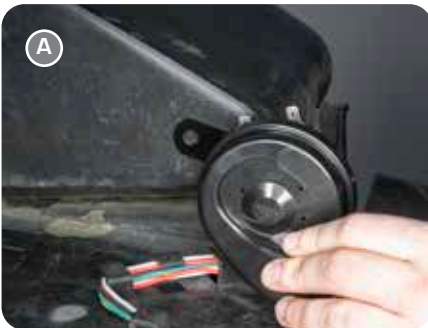
STEP 6.1 INSTALL THE HORN

The Horn is best installed on the RXV before the Phoenix Front Body is installed.

A. Mount the Horn on the driver-side Dash Wall Compartment so that it is within reach of the Black and Orange Horn connections on the Headlight Harness.

B. Drill a 1/4" hole through the Dash Compartment Wall in the middle of the Wall height.

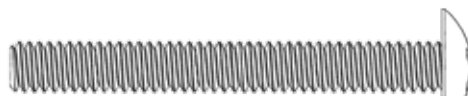
C. Then fasten the Horn with the supplied 1/4" Phillips Truss Screw hardware. The Washer goes on the inside Wall of the Dash Compartment, and the Nyloc Nut on the outside of the compartment.



HARDWARE - SCALE 1:1



1/4" Flat Washer - 1/4" Nyloc Nut



1/4" x 2-1/4" Phillips Truss Head Screw

INSTALL THE PHOENIX FRONT BODY

STEP 6.2 REMOVE THE FACTORY STEERING WHEEL

A. Remove the Factory Steering Wheel now if not already done. Remove the Steering Wheel Cover by prying it away from the five mounting clip locations.

B. Next remove the 24mm Steering Column Center Bolt. Save the Hardware.

Note. A Mallet may be needed to dislodge the Steering Wheel off the Center Column.



STEP 6.3 INSTALL THE PHOENIX HEADLIGHTS AND GRILLE

Install the Headlights and Grille in the following order to ensure a flush fit between the Headlights and Grille. **Use hand tools to avoid over-torquing the Headlight and Grille Mounting Posts and Body.**

C. First, assemble the integral Grille and Grille Frame together using the provided Phillips Screws.

D. Before installing the Headlights and Grille, it is recommended to first remove the Protective Film from the recessed area of the Front Body.

E. Install each Headlight into the pre-drilled holes on the Phoenix Front Body.

F. Use the provided #10 Nyloc Nuts to hand-tighten the Nuts to each Headlight **inner** Mounting Post, and each **outer** Mounting Post to allow some wiggle room to install the Grille unit.

G. Install the assembled Grille into the four pre-drilled Body Holes and hand-tighten Nuts to the Mounting Posts using the provided #10 Nyloc Nuts to secure the Grille in position.

H. Next, slide each Headlight and/or Grille to close up any noticeable gaps.



I. With a hand tool, fasten the Grille into its final position at all four hardware points. **Do not overtighten or damage to the Front Body may occur.**

J. Finally, go back to the each lightly fastened Headlight and fully tighten the inner and outer Nyloc Nuts to the Mounting Posts. **Do not overtighten or damage to the Front Body may occur.**





HARDWARE - SCALE 1:1

x8		x10	
#10 Flat Washer - #10-24 Nyloc Nut		#10 Flat Sheet Metal Screw	

INSTALL THE PHOENIX FRONT BODY (CONTINUED)

STEP 6.4 CONNECT HEADLIGHTS & HORN

K. Hold the Front Body upright and connect each Headlight 6-Pin Connector to the Headlight Harness.

L. Ensure that the longest side of the Headlight Harness is to the driver-side and shorter side of the Headlight Harness is to the passenger-side.

M. Next, in any order, connect the Headlight Harness Orange wire Spade and Black wire Spade to the two Horn Terminal Pins. Use Cable Ties to fasten down any loose cables.

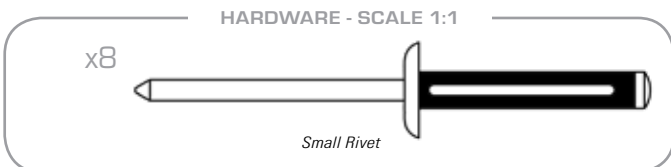


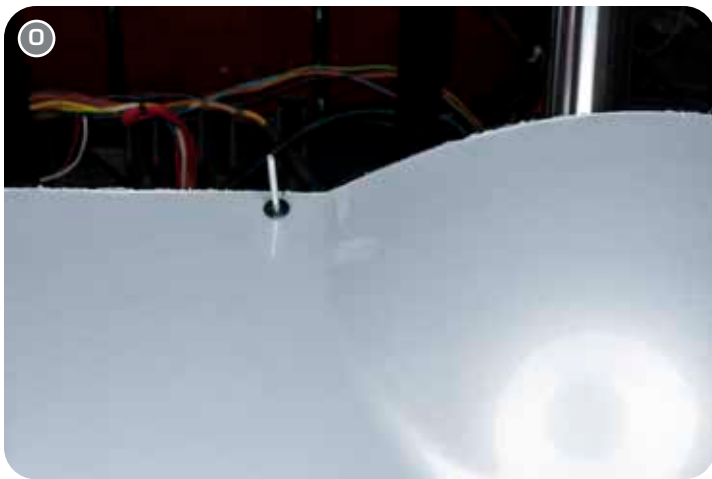
STEP 6.5 CONNECT SIDES OF PHOENIX FRONT BODY

N. Temporarily use the two of the saved T45 Side Trim Screws in each top Side Trim hole to help secure the Front Body in position for riveting.

O. Position the Front Body so that it is flush up to the Dash edge and it aligns with the pre-drilled factory car holes along the Dash edge. Place a Rivet into the hole.

P. Rivet the Front Body in the following order: middle, each side, then from each side back to the middle Rivet.

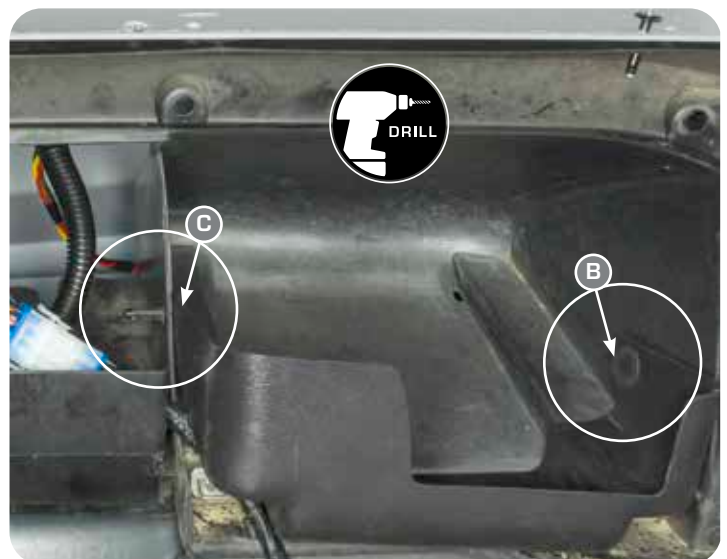
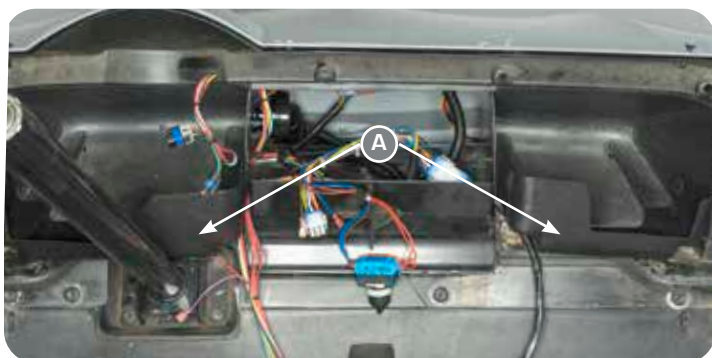




INSTALL THE SENTRY DASH & TURN SIGNAL

STEP 7.1 INSTALL THE DASH LINERS

- A.** Insert the Dash Liners into the Driver and Passenger Dash Compartments. Bank the bottom edge of Liners against the offset in the Dash Compartment.
- B.** Use the existing holes in each outside wall of Liners as a guide to drill a 1/4" hole through the Dash Compartment wall. Secure with a Push Rivet.
- C.** Squeeze the inside Liner wall against the Center Compartment wall and drill a 1/4" hole through both. NOTE: It may be easier to drill the hole from the inside center of dash. Secure with Push Rivet as shown.



INSTALL THE SENTRY DASH & TURN SIGNAL (CONTINUED)

STEP 7.2 INSTALL THE STEERING COLUMN COVER (OPTIONAL STAINLESS STEEL COVER)

- Reinstall the black plastic Factory Steering Column Cover on the Steering Column by simply sliding it over the Steering Column.

OR, if you have an aluminum Steering Column Cover, install it now:

D. Slide Steering Column Cover over the Steering Column so that it is flush with the front edge of the Steering Column. With a Punch, mark a drill-ready hole on the top of the Cover between 1/4" to 1/2" from the top of the Steering Column.



STEP 7.3 INSTALL THE STEERING COLUMN COVER — CONT.

E. Use a 1/8" drill bit to drill hole into the Steering Column Cover and Steering Wheel Column.

F. Then use a #10 Set Screw to secure the Steering Column in place to prevent the Column Cover from rotating.



STEP 7.4 PREP THE SENTRY DASH

- Use a small Unibit to cut out an additional opening in the Sentry Dash Steering Column opening that will accommodate the width of the Turn Signal Cable.



STEP 7.5 INSTALL THE SENTRY DASH

G. Reinstall the saved Factory Key Switch into the Sentry Dash Key Switch location.

Then, insert the Turn Signal Cable into the Dash Steering Column Opening and together slide the Dash over the Steering Column. Make sure the Turn Signal Cable fits into the new cutout. Set the Turn Signal down for later installation.

H. Reconnect the Factory Key Switch to the Factory Harness and position the Sentry Dash over the Front Body for installation.

I. Make sure to keep the Bucket Harness in the Floor Pan Center Channel at all times, and ensure other wire harnesses are loosely positioned inside the Sentry Dash cavity.

J. Remove the temporarily placed T45 Side Trim Screw (From Step 5.5) and use it to temporarily reinstall the two Side Trim top sections for the next step. Next, position the Sentry Dash over both the Dash Edge and the Front Body, and ensure that the Dash sides sit flush to the top edge of each Side Trim Panel. This method will ensure the Side Trim will always align to the Sentry Dash.



INSTALL THE SENTRY DASH & TURN SIGNAL (CONTINUED)

STEP 7.6 ATTACH THE SENTRY DASH TO CAR

K. Keep the Dash firmly in place and start the first Push Rivet position at the Dash Console. Drill a 3/16" hole through the Dash, Front Body and golf car.

L. Insert a Push Rivet into the first hole to anchor the Dash in place for the remainder of the fastening steps.

M. NOTE: It is recommended to plan the position of each hole along the edge of the Dash to avoid drilling through the previously installed Rivets used to fasten the Front Body. Repeat the process to fasten the top and sides of the Dash, then progressively work your way back to the first Push Rivet installation point at the Console. — (4 holes across top & 1 on each side)

N. The bottom of Dash offers two additional installation points, which are optional to secure the bottom of the Dash after the Rubber Mat has been reinstalled. Use self-tapping screws to fasten the Dash to the golf car



INSTALL LIGHT KIT COMPONENTS INTO THE SENTRY DASH

STEP 8.1 CONNECT THE TURN SIGNAL

- At this point, the Bucket Harness has already been connected to the Dash Harness. Now, connect the 9-Pin Turn Signal Connector to the Dash Harness 9-Pin Connector.

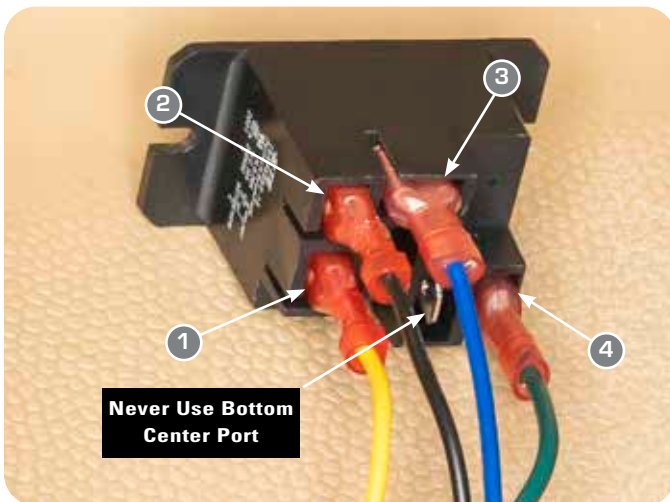


STEP 8.2 CONNECT THE POWER RELAY

- Connect the Dash Harness four Spade Connectors to the Relay, which controls Brake Light functionality.
- The simple connection rule is: **Small Spades to Small Ports** and **Large Spades to Large Ports**. **Never use the Large Port at the bottom middle of the Relay.**

Connect in the following order:

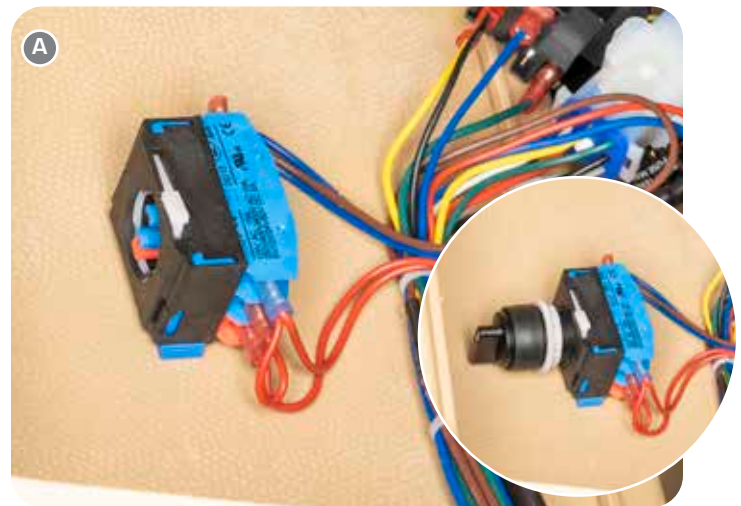
1. Yellow wire/small Spade to bottom Small Port
2. Black wire/small Spade to top Small Port
3. Blue wire/large Spade to top Large Port
4. Green wire/large Spade to bottom right Large Port



STEP 8.3 CONNECT THE LIGHT SWITCH

- A.** Depress the lever to disconnect the Light Switch Shaft from the body of the Switch, then remove the gray Locking Ring from the Shaft. The Shaft diameter as a guide to drill a hole for installation in the Dash Trim Plate.

- B.** Before installing the Dash Trim Plate Trim, mark a center point on the protective film for a drill point. Peel back the protective film from the edges and fasten the Trim Plate to the Dash with the supplied Screws



LIGHT KIT COMPONENTS INTO THE SENTRY DASH (CONTINUED)

STEP 8.4 CONNECT THE LIGHT SWITCH

C. Use a Unibit to incrementally drill a hole on the center mark until the hole is wide enough to snugly insert the Light Switch Shaft.

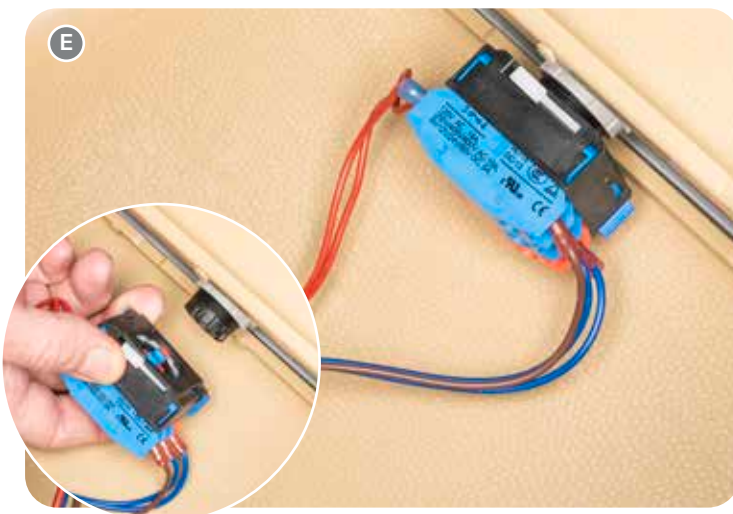
D. When the hole fits the Light Switch, peel away the Protective Film and insert the Light Switch Shaft into the hole. On the inside of the Dash, use the Locking Ring to fasten the Shaft firmly in place against the back of the Dash Trim Plate.

E. Then connect the Switch Body back onto the Shaft by depressing the Lever, and push it onto the Shaft until it clicks into place.

F. Slide the Rubber Gasket onto the Ring Clamp. Insert Ring Clamp through the slots on Turn Signal. Slide the Turn Signal over the Steering Column to the Steering Wheel position and fasten it in firmly place on the Clamp.

G. Finally, peel off the double-sided film on the Dash Color Trim Panels and stick them into the appropriate locations on the Dash.

Note. Come back and Install the Sentry Dash Storage Bin once the Light Test has been successfully completed.



TEST THE DELUXE LIGHT KIT

STEP 9.1 TEST DELUXE LIGHT KIT FUNCTION

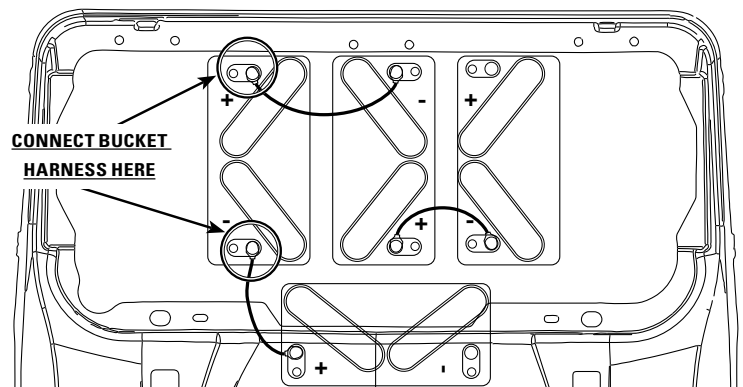
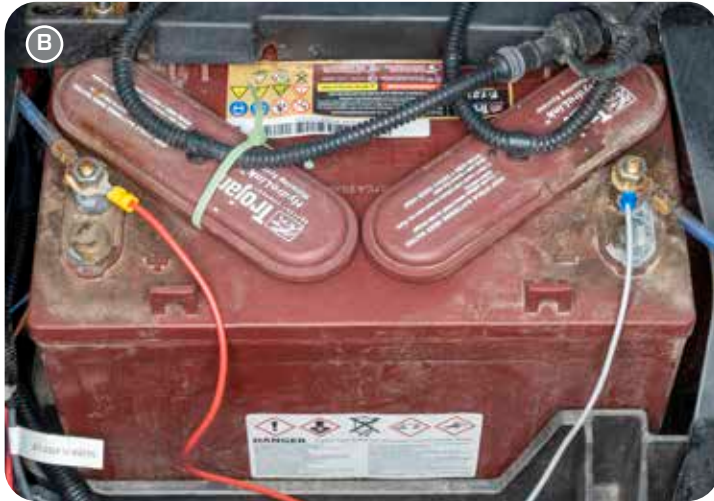
A. Temporarily connect the Tail Lights to the Bucket Harness 6-Pin Connectors.

B. Make battery connections to power the Deluxe Light Kit. Connect the White O-Ring cable to the Negative Terminal first, then connect the Red Positive O-Ring cable to the Positive Terminal on the battery.

Check Front: Headlights, Driving Lights, Turn Signals, Hazards, Horn
Check Rear: Lights, Brake Lights, Turn Signals, Hazards

Disconnect the Tail Lights for later Rear Body installation.

C. When the Light Kit has been successfully tested: Reinstall the Brake Well Cover and the screw down Dash Storage Bin.



INSTALL THE PHOENIX REAR BODY

STEP 10.1 INSTALL THE PHOENIX REAR BODY

A. Remove both Splash Guards to make it easier to install the Seat Back Support hardware after the Rear Body installation is complete. Simply pry away the four Push Rivets on each Mudguard. Save the Push Rivets for later if they are reusable.

B. Place the Rear Body over the golf car and Battery Compartment. Fasten the Rear Body with the saved T45 Screws and related Washers on each lower side.

C. Use the saved T50 Screws to fasten the body around the top of the Battery Compartment. Reinstall the saved Seat Tilt Clips and T50 Screws as well.

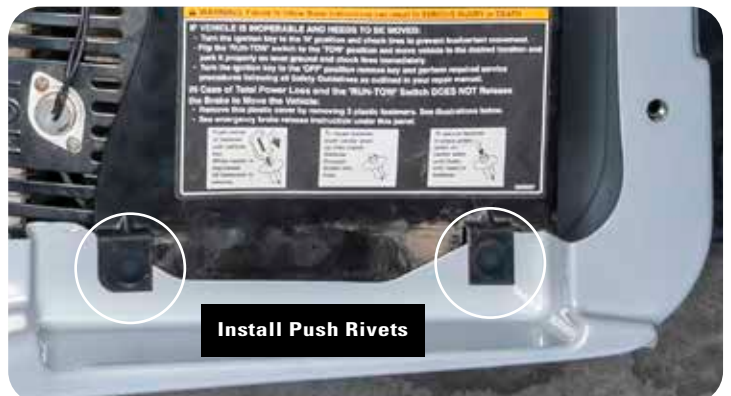
D. At the front-side of the Rear Body, pull the Charging Port unit and cables through the Charging Port Opening and make the connections to the saved Factory Charging Port Receptacle and fasten it to the Rear Body.

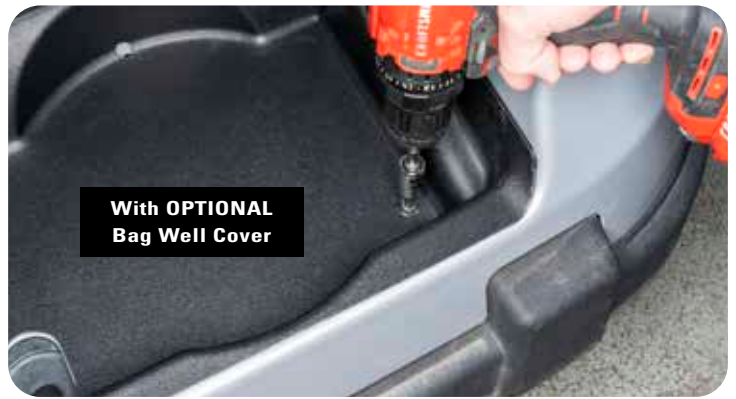
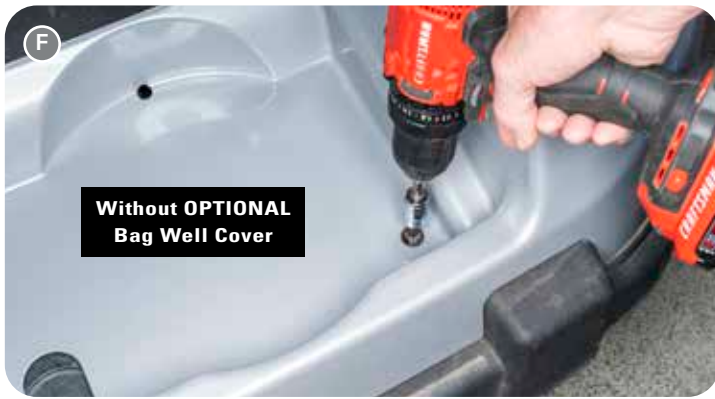
E. Go to the previously removed Run/Tow Switch Panel, drill holes into the body edge and fasten it to the Battery Compartment with new Push Rivets.

F. Use the saved T45 Screws to fasten the Rear Body to the golf car at the bottom of the Bag Well.

OPTIONAL BAG WELL COVER: Position the DoubleTake Bag Well Cover and use the saved T45 Screws to fasten the Bag Well Cover and Rear Body to the golf car at the bottom of the Bag Well. Using the existing holes along the sides of Bag Well Cover, drill holes through Rear Body and insert Push Rivets.

G. Finally, reinstall the Floor Mat and reinstall the Side Trim Panels on with the saved T45 Screws. Repeat on the other side.





STEP 10.2 INSTALL THE TAIL LIGHTS

- Insert the each Tail Light 6-Pin Connector through each precut hole in Rear Body and make connections to the Bucket Harness.
- Then use the provided Screws to fasten the Tail Lights to the Rear Body.



INSTALL SEAT BACK SUPPORTS & ACCESS COVER

STEP

11

INSTALL THE SEAT BACK SUPPORTS & ACCESS COVER

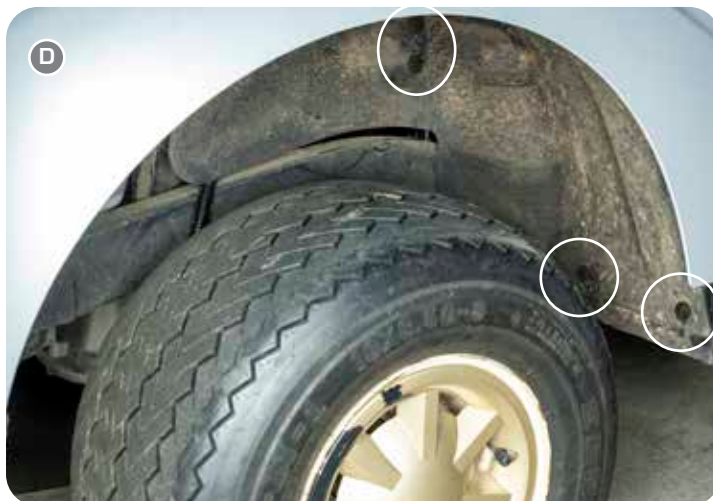
A. With the Splash Guards removed, it will now be easier to access the hardware mounting locations for fastening each Seat Frame Support.

B. Install either DoubleTake Seat Back Supports for 4-Passenger golf cars (Positioned as shown) or the saved factory Seat Frame Supports for 2-Passenger golf cars.

C. Install the Seat Back Support types by using the two saved 15mm Bolts and Nuts on each side of the golf car. Use a 15mm Socket and 15mm Wrench applied to both sides of the hardware to prevent slipping during tightening.

D. Reinstall the removed Splash Guards with new Push Rivets and route any loose Bucket Harness/Tail Light cables over the top of the Splash Guards. If needed tie the Bucket Harness to the Chassis with Cable Ties.

E. Finally, install the DoubleTake Access Panel with the provided hardware.



INSTALL OPTIONAL PILOT STEERING WHEEL

STEP 12.1 INSTALL HUB ADAPTER

- Install Steering Wheel Hub Adapter by sliding onto center cog and reinstalling the nut from removed the factory Steering Wheel.



STEP 12.2 INSTALL MAIN ACCENT

- Place Main Accent into Steering Wheel Base. Flip Steering Wheel over and insert screws to secure Main Accent and insert Black Screw Caps.



STEP 12.3 INSTALL STEERING WHEEL

- Press the Center Cap Assembly onto the Steering Hub Adapter by aligning the grooves in the Center Cap Assembly with the holes in the Steering Hub Adapter.
- Press the Steering Wheel onto the Center Cap Assembly and check the hole alignment. Using the six hex socket bolts, attach the Center Accent and Steering Wheel to the Steering Hub Adapter. Tighten all bolts in an alternating pattern.





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