Fits Jeep **Wrangler (JK)** 2007-2018

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KIT FEATURES

- Fits 2007-2018 Jeep® Wrangler JK
- 8 circuits can be programmed to latching (on/off) or momentary:
- Backlit blue LED buttons
- Input voltage: 12-24V DC
- Power handling: 600W-1200W
- Maximum current: 60A
- Panel material: Die-cast aluminum
- Control box material: Die-cast aluminum with ABS plastic cover
- IP rating: IP68

TABLE OF CONTENTS

TOOLS REQUIRED

- Panel removal tool
- Phillips screwdriver #1, #2
- 3/8" and 10mm socket
- 6mm Allen Key

Kit Includes:

- Water-resistant 8-gang switch panel with A-pillar bracket
- IP68 controller with vehicle-specific engine bay mounting bracket
- 60A circuit breaker with OE-style mounting bracket
- 6' marine-grade power wire
- 2' marine-grade power wire
- 1' marine-grade ground wire
- (6) Spare fuses
- (50) Custom labeling decals
- Mounting hardware

Attention! Let the vehicle sit with the key out of the ignition for a few minutes before removing the factory radio. When testing the aftermarket equipment, ensure that all factory equipment is connected before cycling the key to ignition.

Control box

1. Unpack the Controller, Controller mounting bracket, controller bracket leg, and two bolts, washers, and nuts.

2. Using the #2 Phillips and the 3/8" socket secure the Controller to the mounting plate.

Note: the oval holes in the mounting bracket should line up with the oval holes on the controller.

Note: The leg bracket should be oriented as shown.

Circuit Breaker

1. Unpack the circuit breaker, mounting bracket, two bolts, washers, and nuts.

2. Using the #2 Phillips and the 3/8" socket secure the circuit breaker to the mounting plate.

Note: The mounting bolts feed up from the bottom of the metal bracket, the washers and nuts are placed on top of the circuit breaker and secured.

2007-2010 A-Pillar

1. Using a #1 Philips screw driver and the supplied #4 3/8" screws, secure the panel clip brackets to the main a-pillar housing. Install a panel clip onto each clip bracket.

2011-2018.5 A-Pillar

1. Using a #1 Philips screw driver and the supplied #4 3/8" screws, secure the panel clip bracket and insert panel to the main a-pillar housing. Install the panel clip onto the clip bracket.

Factory A-Pillar

Switch Panel Installation

1. Using a #2 Philips screw driver and the supplied machine screws, secure the switch panel to the main a-pillar housing.

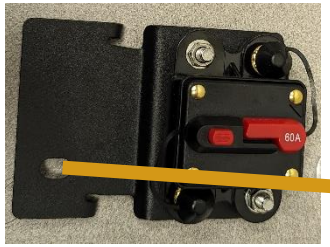
2007-2011 Engine Bay

1. For this year range of vehicle the circuit breaker bracket will mount to a different bolt due to the OE battery being in a different orientation compared to the 2012-2018.5 models. NOTE: This is an important step and care MUST be taken so the bracket doesn't contact the positive battery post.

Ground Lug for controller

2012-2018.5 Engine Bay

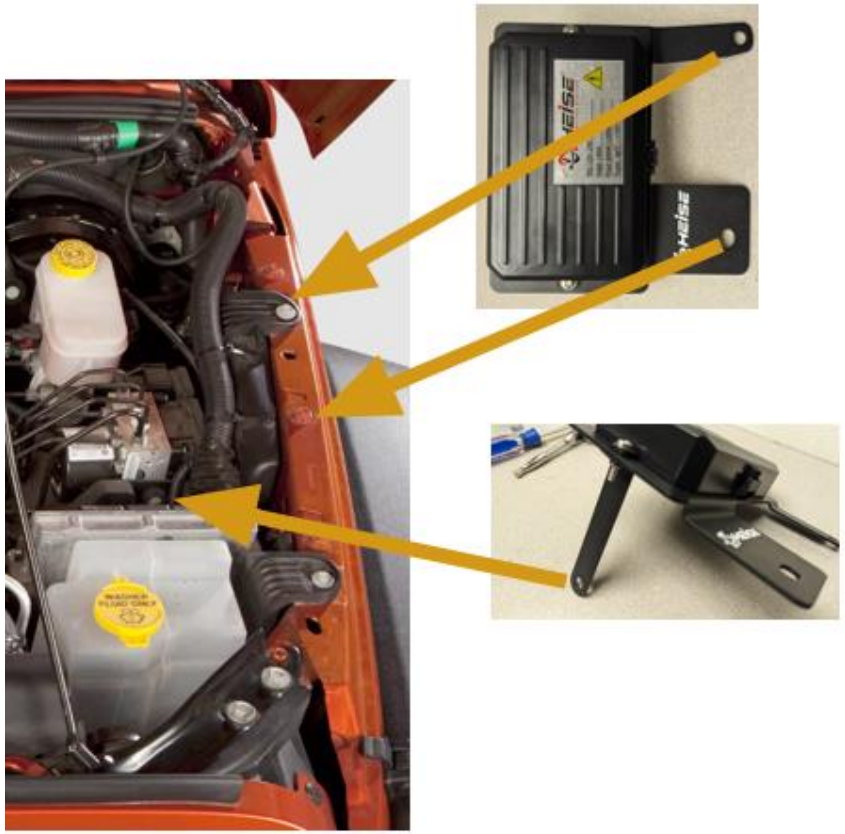
1. For this year range of vehicle the circuit breaker bracket will mount to a different bolt due to the OE battery being in a different orientation compared to the 2007-2011 models. NOTE: If the orientation of the battery doesn't match the image below use the bolt location for the 2007-2012 models.



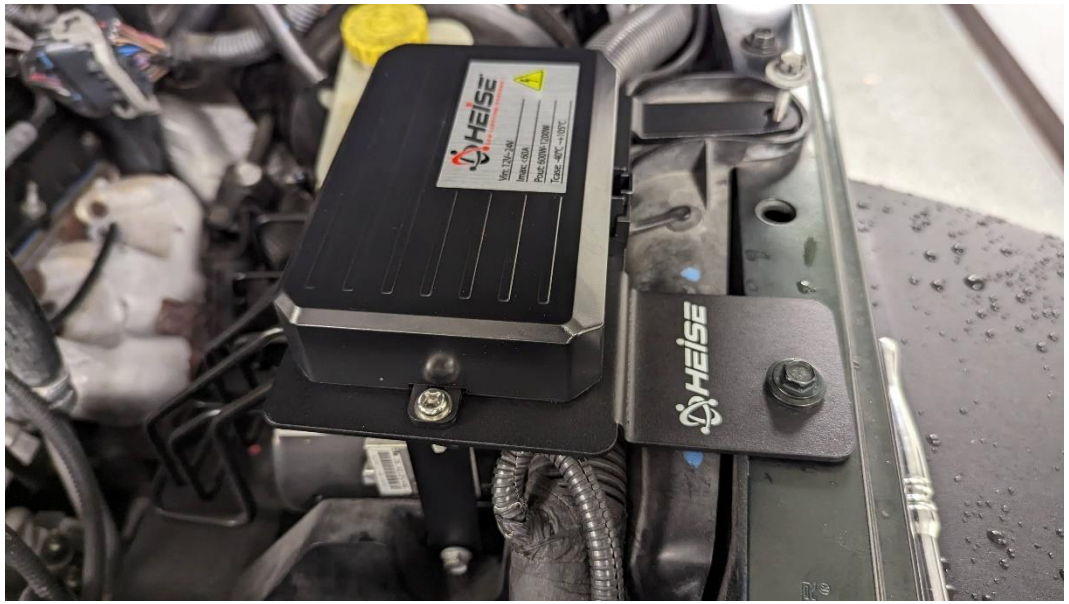
Ground Lug for controller

Controller Brain Mount

1. Using a 10mm socket remove the 3 bolts identified in the image.

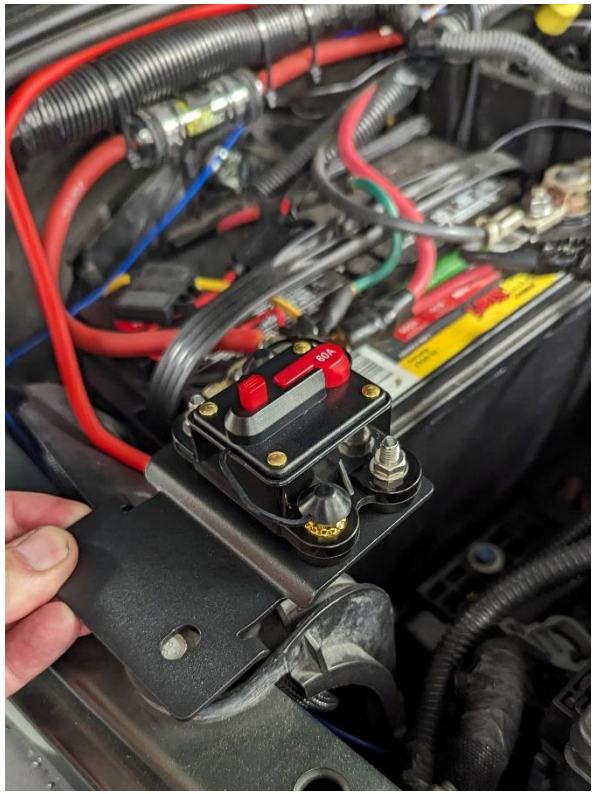


2. Install the bracket and tighten the OE bolts back into place.

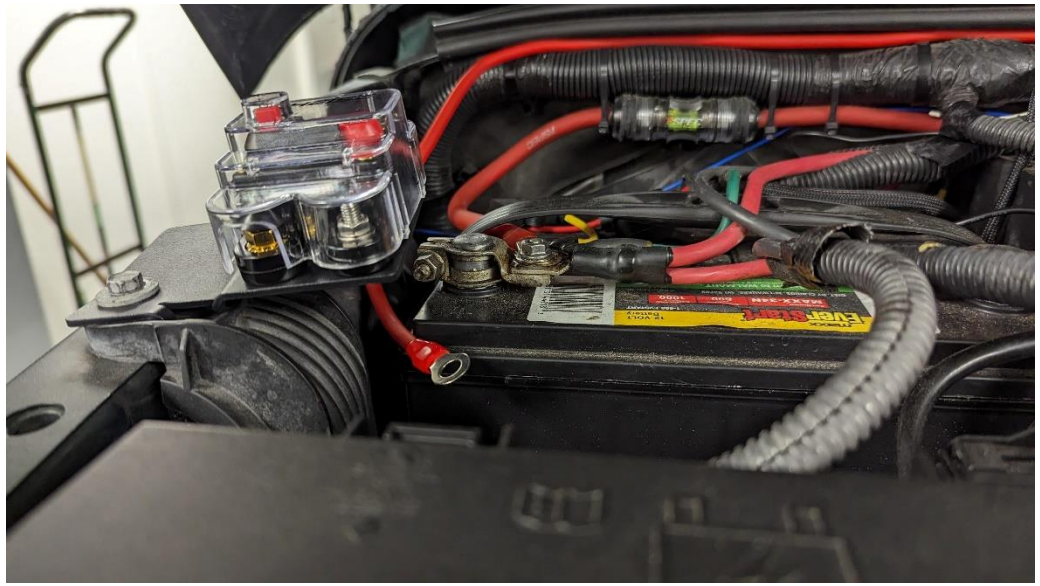


Circuit Breaker Mounting

1. Refer to pages 6 and 7 for proper circuit breaker placement position.

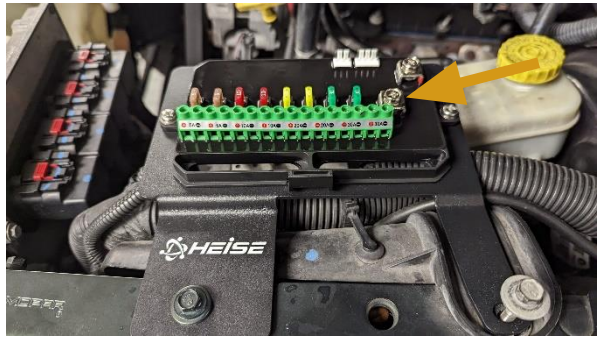


2. Remove the 10mm bolt and secure circuit breaker bracket into place.



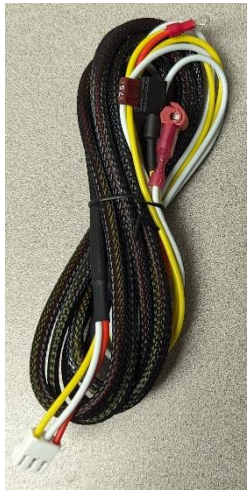
Control box wiring

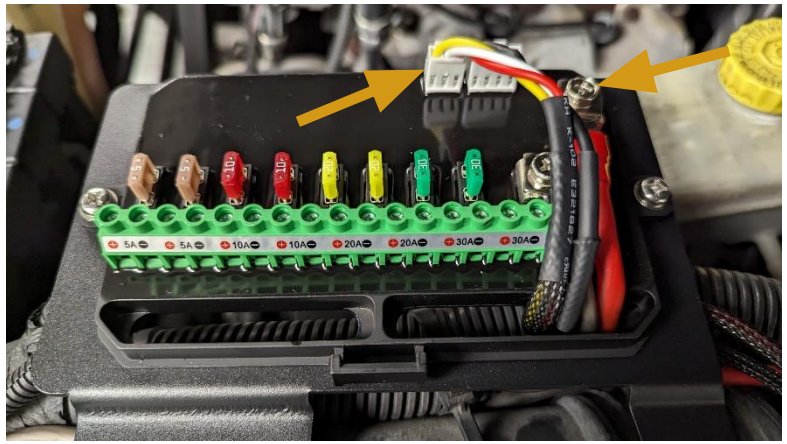
1. Remove the cover to expose the connection points.
2. Using the supplied ground wire remove the ground screw from the controller and secure the ground wire.
3. Feed the ground wire through the oval hole to the grounding point marked below.
4. Use 10mm socket to secure the ground wire to the vehicles chassis.



Ground Lug for controller

1. Remove the 6 foot piece of red power wire and the accessory power harness.
2. Secure the power wire to the 12 volt lug on the controller.
3. Plug in the 3 pin accessory cable into the controller.
4. Feed wires down through the oval hole, toward the firewall.





Wire Routing

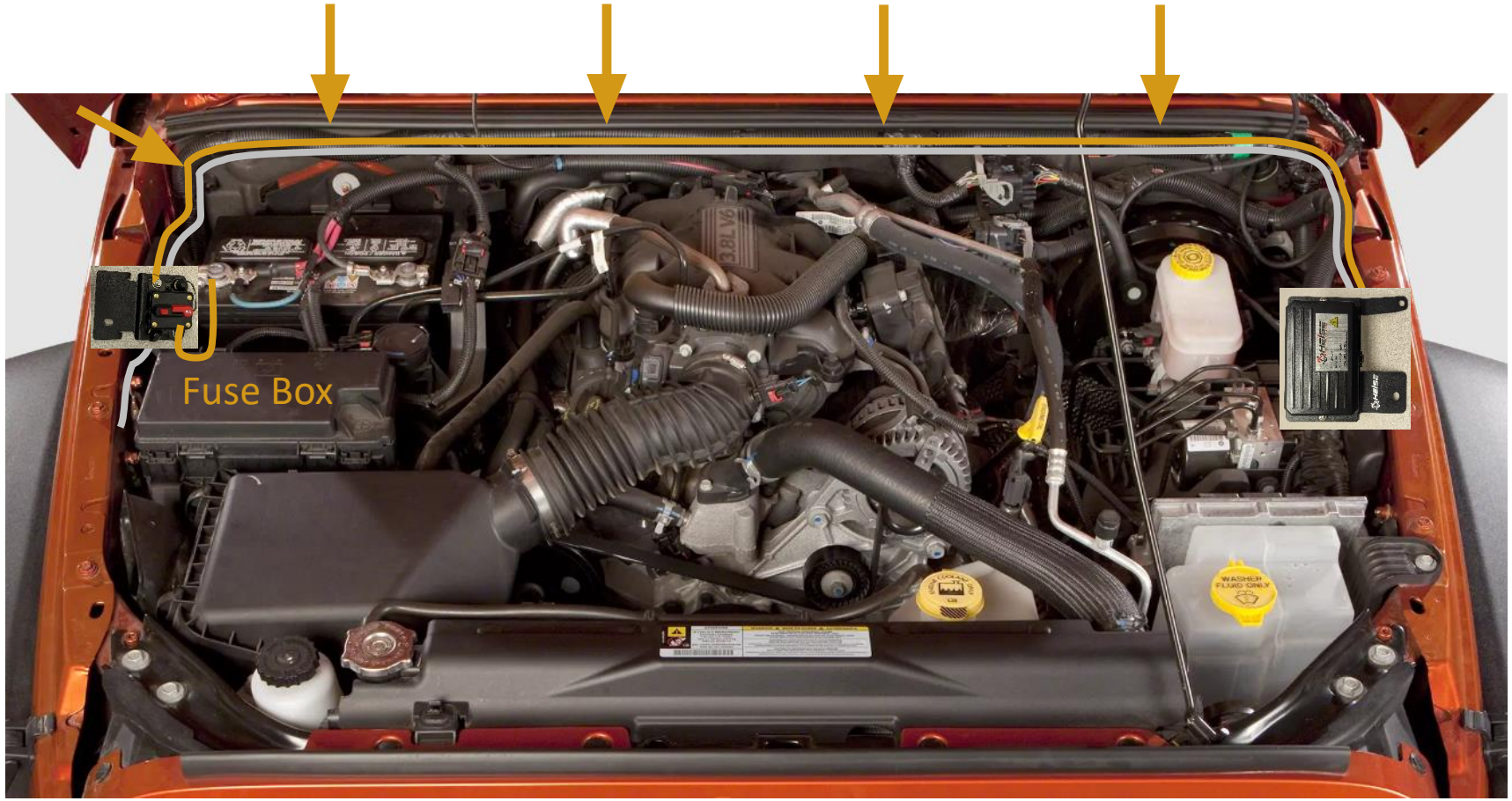
1. Using the supplied zip-ties secure the power wire and accessory power harness to the loom mounted to the back of the fire wall.

2. Attach the ring terminal from the power wire to the lug closest to the firewall on the circuit breaker.

3. Run the accessory power wire under the circuit breaker, leaving wires close to the fuse box.

4. Using the supplied 2 foot red power wire. Connect the ring terminal to the opposite side of the circuit breaker and route to the vehicles positive battery post.

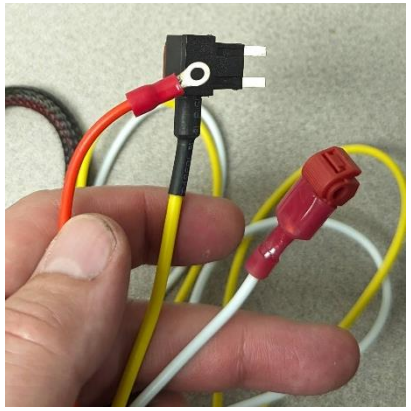
Note: During this step hit the reset button on the circuit breaker.

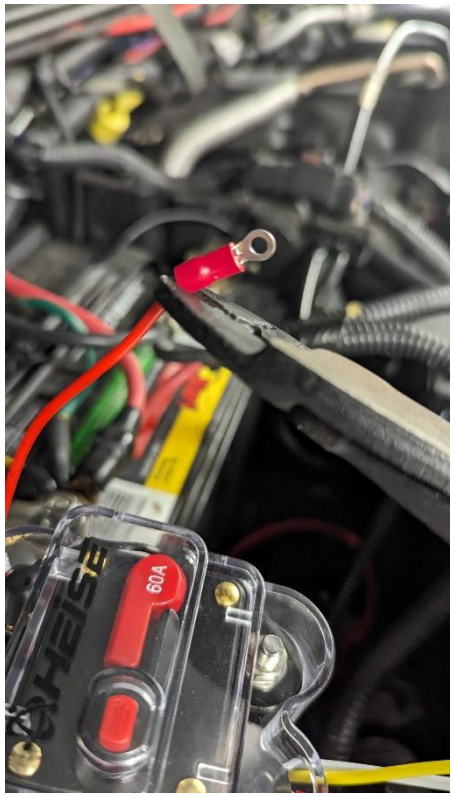


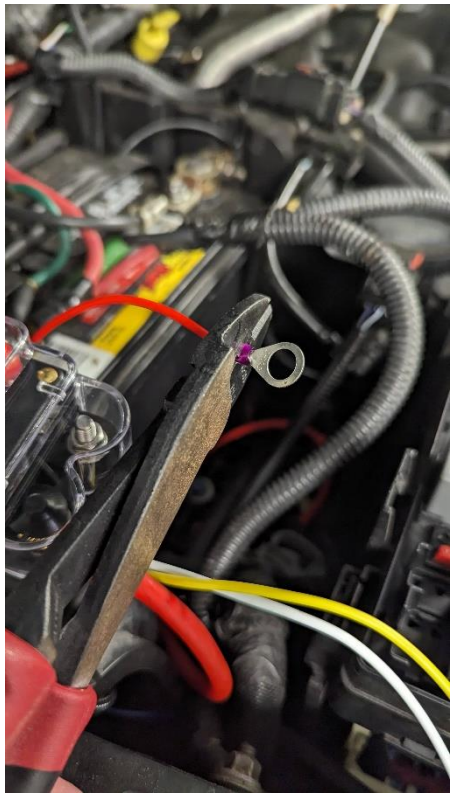
Accessory Power wiring

1. The accessory harness has three connections that must be made.
    1. Red Wire – 12V constant
    2. Yellow Wire – Acc. power
    3. White Wire – Parking lights

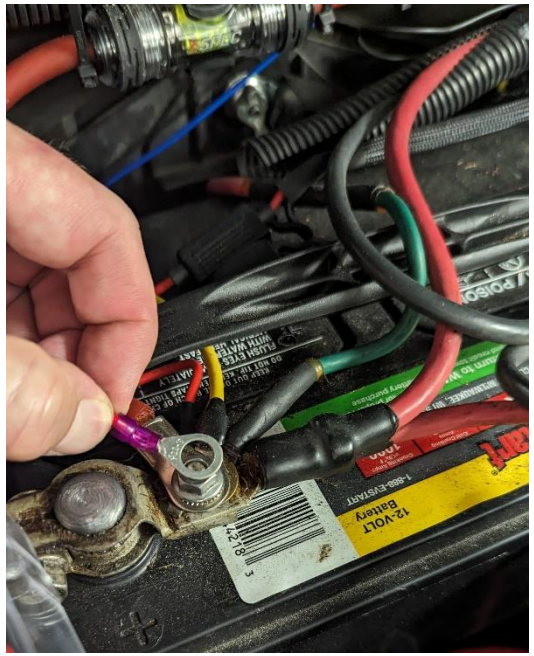
Installation Note: The ring terminal on the 18ga wire will need to be changed. We have supplied a larger ring terminal in this kit to be used in it's place.





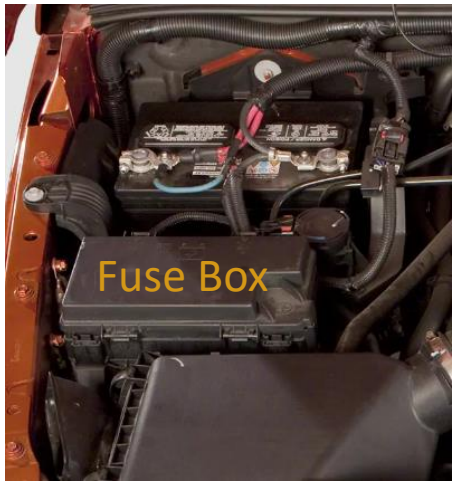


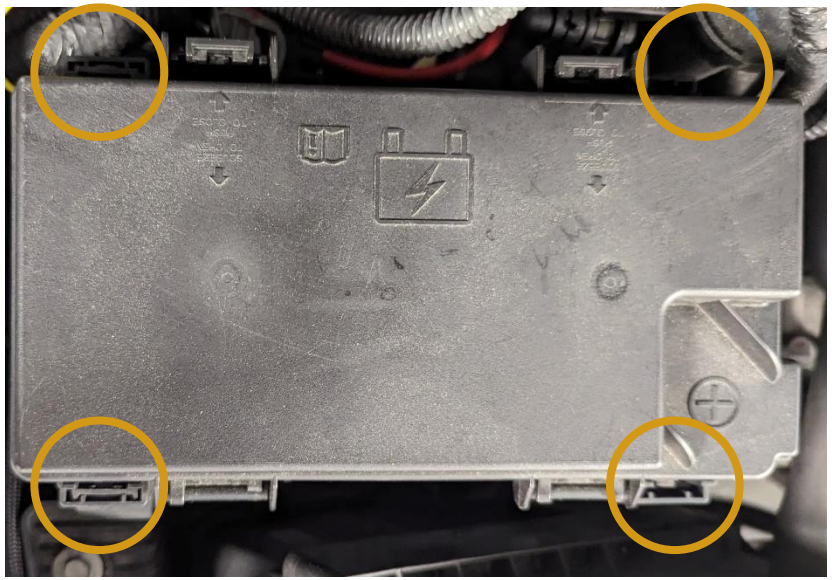
2. Connect the new crimped ring terminal to the positive post of the battery.



Accessory Power wiring

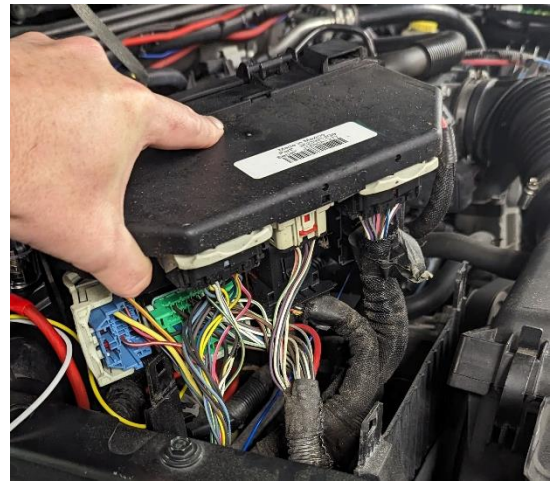
1. Connecting the parking light wire is done under the fuse box.
2. To remove the fuse box release the 4 clips holding the fuse box in place.

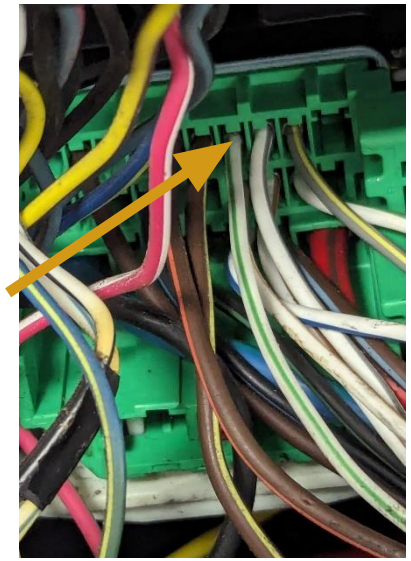




Accessory Power wiring

1. Lift up the fuse box to expose the connectors and wires underneath.
2. Locate the Green connector.
3. Look for a White/Green wire, this is the parking light wire.



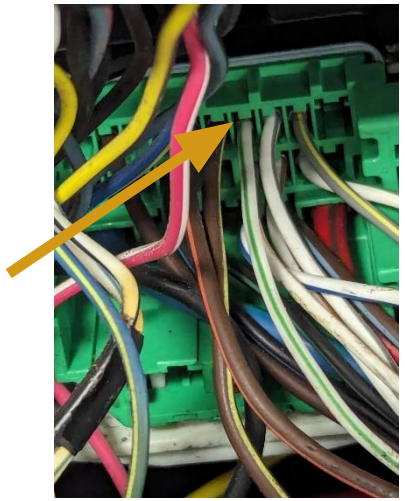


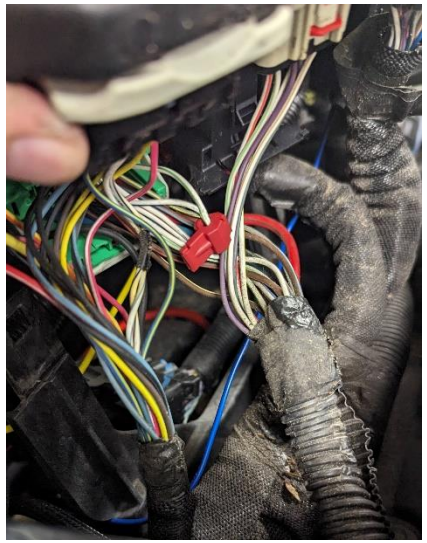
Accessory Power wiring

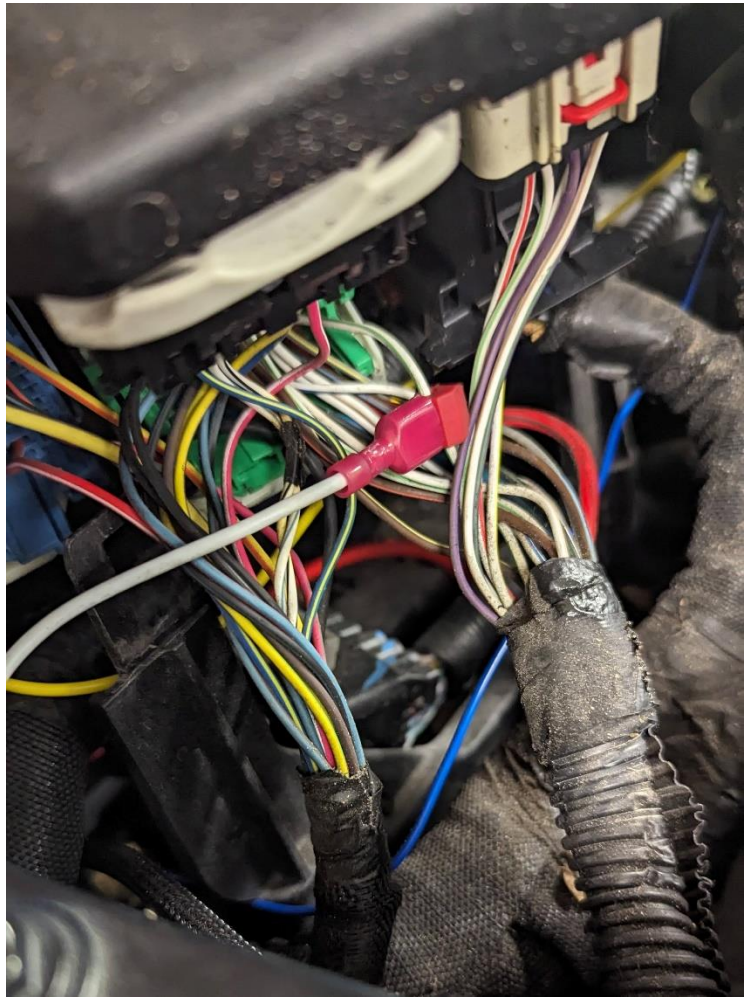
1. Remove the wire tap from the spade terminal.

2. Crimp the wire tap onto the White/Green wire and plug in the white parking light wire from the accessory harness.

3. Reassemble the fuse box.





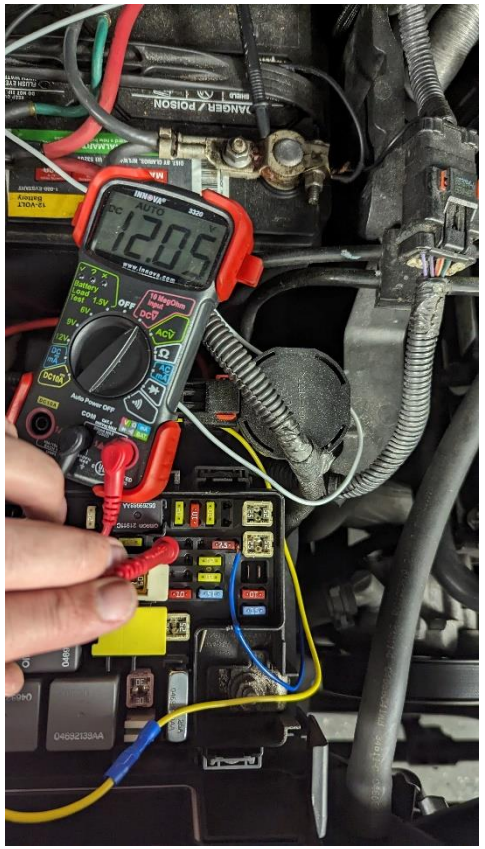


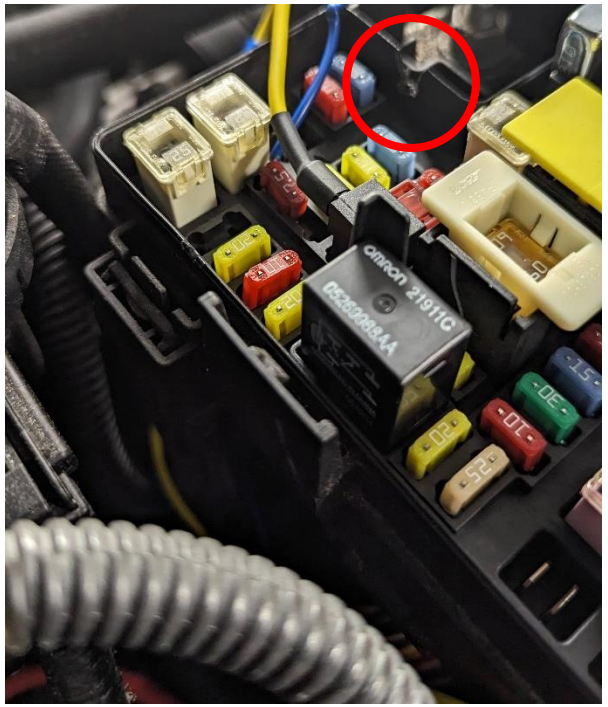
Accessory Power wiring

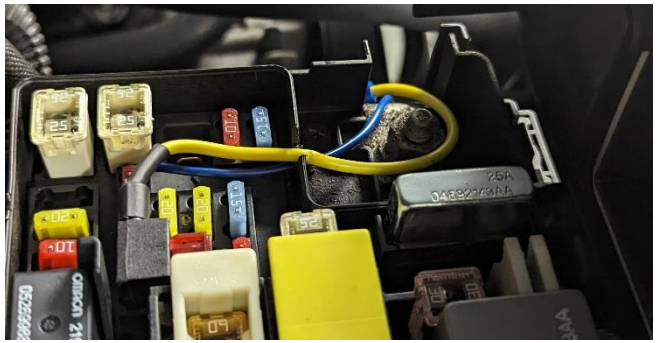
1. With the fuse box in place remove the fuse box cover.

2. Take the yellow fused lead and insert it into the fuse location marked below. This is a accessory circuit and will provide 12 volts when the vehicle key is on.

3. Cut a notch in the area circled in red and route the yellow wire through the notch out the side of the fuse box.



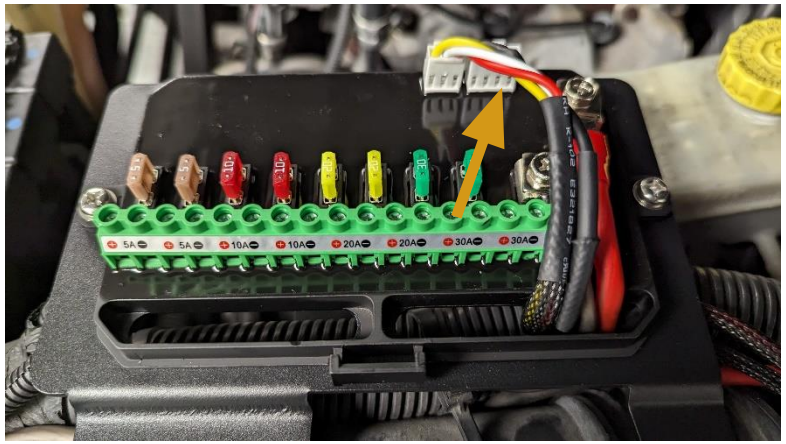




Accessory Power wiring

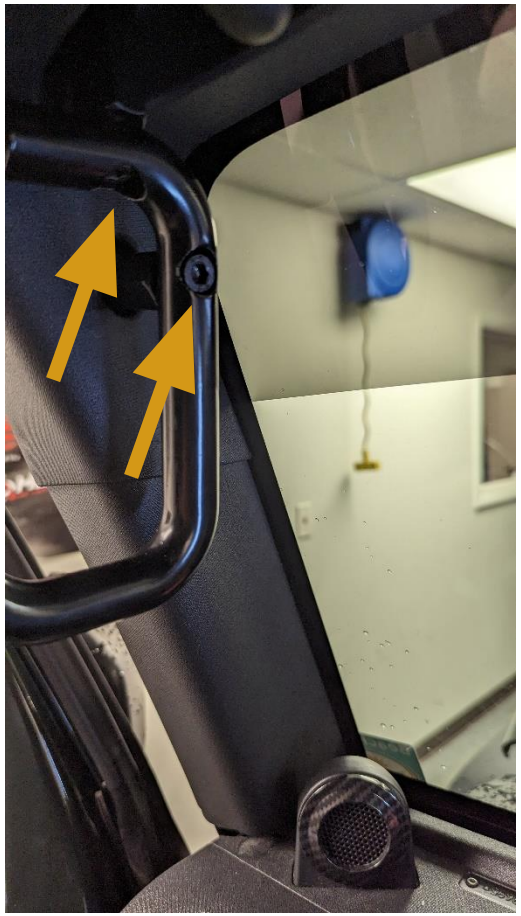
1. Plug in the 4 pin accessory cable into the controller. This cable connects to the switch control unit.

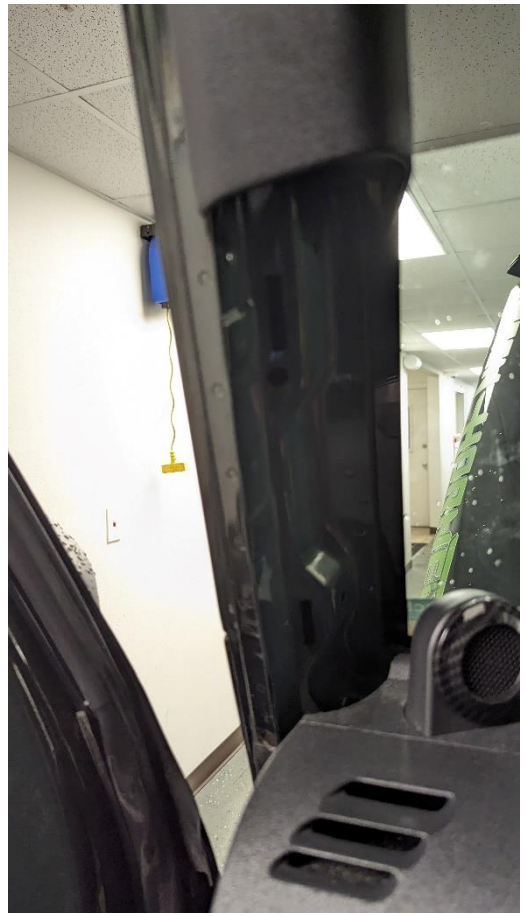
2. Feed wires through the firewall, the arrow indicates a grommet that can be used to get the wire from the engine bay into the vehicle's cabin.



A-Pillar Disassembly

1. Using a panel pry tool remove the dash side cover.
2. Using a #2 Philips remove the plastic panel clip.
3. Using a 6mm Allen remove the two panel bolts securing the top a-pillar cover.
4. Remove the OE A-pillar panel

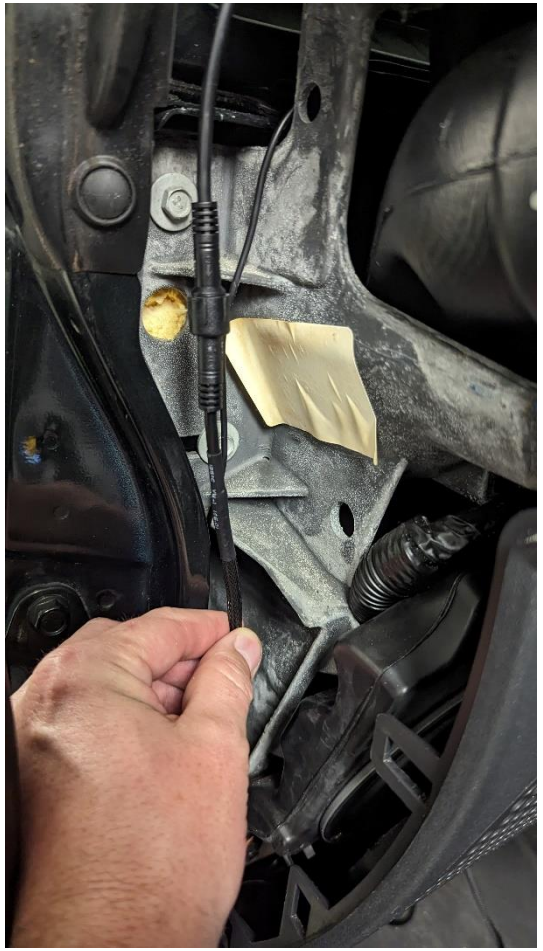




A-Pillar Assembly

1. Install the a-pillar into place. Make sure that the panel clips are located correctly on the metal pillar. Snap into place.

2. Run the cable from the control box under the hood up to the A-pillar securing with zip-ties and connect to the 4 pin plug coming off the switch panel.

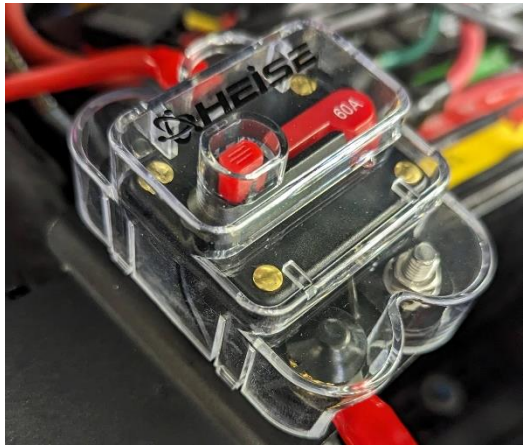


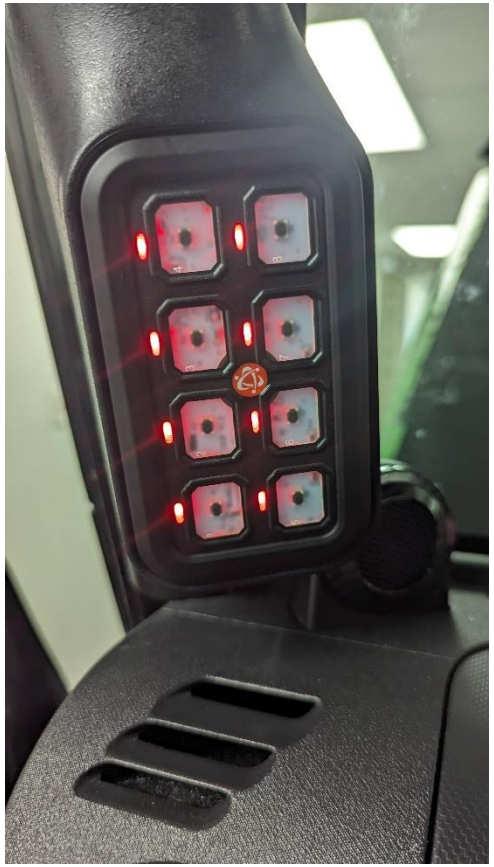
Testing

1. With all connections made flip the reset lever on the circuit breaker to the connected position.

2. Turn the ignition on the vehicle on and hit the Atom button in the center. The LED's should light up. The LED indicator next to each button shows the switch status. Lit means that circuit is activated.

3. A sheet of 50 stickers was supplied with the switch panel. Apply stickers as needed for equipment being controlled.

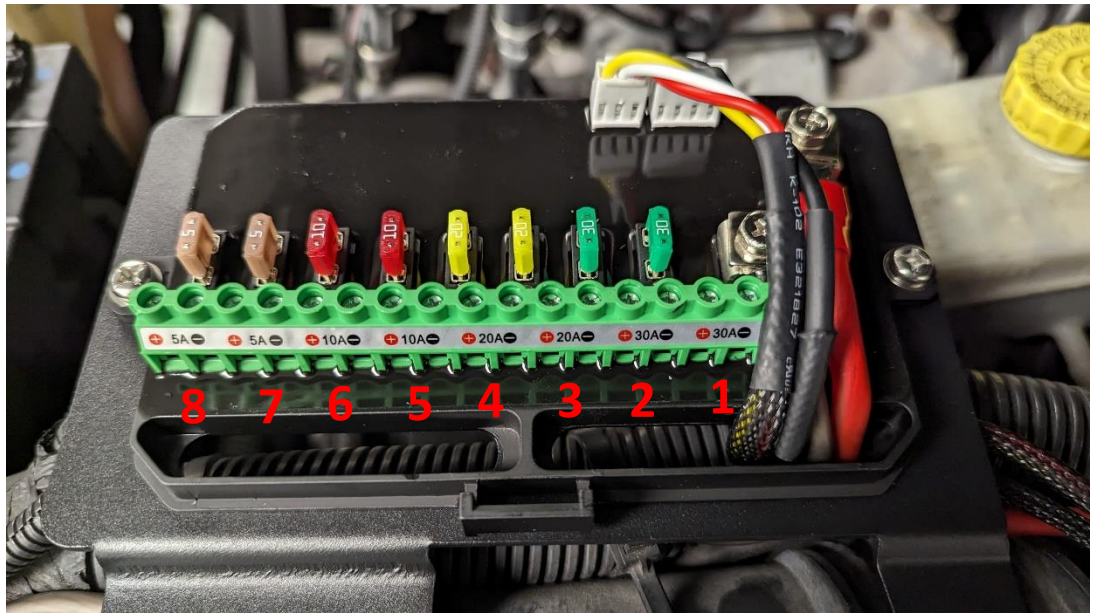




Wiring up accessories to controller

There are a total of 8 available circuits that can be independently controlled. Below is a list of each circuit and its current capability.

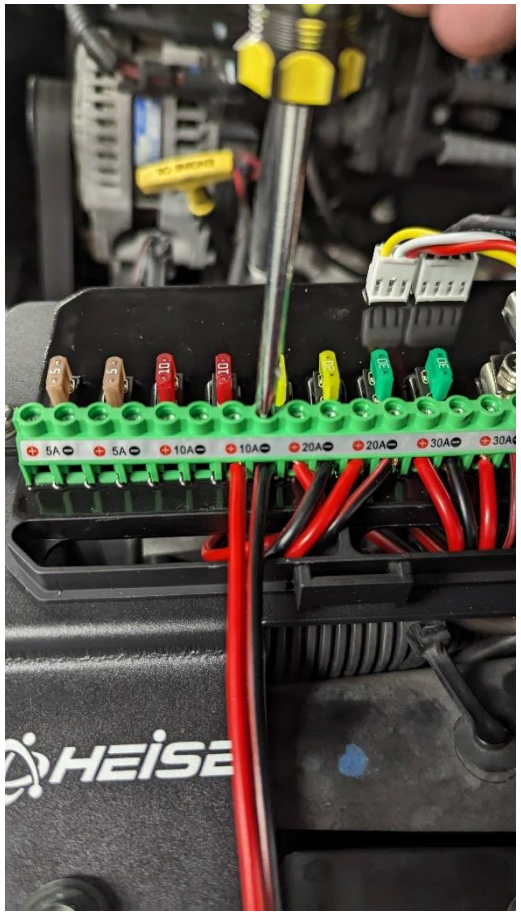
Circuit 1 - 30 amp
Circuit 2 – 30 amp
Circuit 3 – 20 amp
Circuit 4 – 20 amp
Circuit 5 – 10 amp
Circuit 6 – 10 amp
Circuit 7 – 5 amp
Circuit 8 – 5 amp



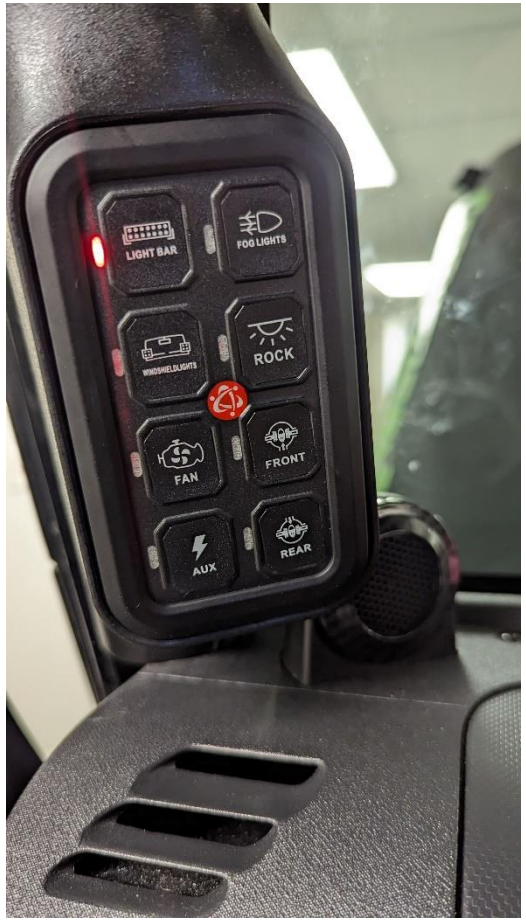
Wiring up accessories to controller

When wiring accessories to the switch control box, both the positive and negative wires from the device you would like to power MUST be connected to the positive and negative terminals of the controller. If they are not connected correctly your device will not operate.

Inside the top of the case are spare fuses and a fuse puller. It is very important to replace any damaged or blown fuse with the same current rating installed from the factory.



With the installation complete reassemble the vehicle and ENJOY!!



Mode

Accessory Circuits 1 - 8 can operate as a latched or momentary. By default the HE-SWP8 comes out of the box set for switched mode. To enable or disable the momentary function, follow this procedure. Ignition must be off (No power to the Yellow wire). 1. Turn on the HE-SWP8 (Press the Heise® Atom then release) 2. Press and hold the Atom for 2 seconds 3. Press and hold the desired accessory button until the corresponding LED flashes then release the button . If you are successful the LED will flash once then turn off. 4. Test functionality, if you are unsuccessful power off and repeat steps 1-4.

Indication

1. Red LED lights up when the HE-SWP8 is powered on .
2. Manual power activation button, press to turn on, press to turn off.
3. Red LED lights up to show the accessory circuit is on.
4. Area for placement of selected labels (decal).
5. Blue LED Illumination area; back lighting for the label.

A. Accessory Circuit 1
B. Accessory Circuit 2
C. Accessory Circuit 3
D. Accessory Circuit 4
E. Accessory Circuit 5
F. Accessory Circuit 6
G. Accessory Circuit 7
H. Accessory Circuit 8

If you are having difficulties with the installation of this product, contact our Tech Support line either by phone at 386-257-1187, or email at techsupport@metra-autosound.com. Before doing so, look over the instruction booklet a second time and ensure that the installation was performed exactly as the instruction booklet is stated. Have the vehicle apart and ready to perform troubleshooting steps before contacting Metra/Axxess Tech Support.

Metra recommends MECP certified technicians