



RAVEK

**KAWASAKI RIDGE 2024+
GEN3 SPEAKEASY
TURN SIGNAL KIT**

WITH WHITE RUNNING LIGHTS



INSTALLATION INSTRUCTIONS

Part #: 67-4001SR
Fitment: KAWASAKI RIDGE 2024+

PARTS INCLUDED:

- **CONTROLLER (1X)**
- **REAR HARNESS (2X)**
- **WIRE TIES (20X)**
- **HORN (1X)**
- **WIRELESS RECEIVER (2X)**
- **ADHESIVE PROMOTER WIPE (3X)**
- **POWER HARNESS (1X)**
- **RUBBING ALCOHOL WIPE (3X)**
- **HORN/HAZ SWITCH**
- **TURN SWITCH (1X)**
- **DASH INDICATOR HARNESS (2X)**
- **INPUT HARNESS (1X)**
- **OUTPUT HARNESS (2X)**
- **APEX LIGHT (2X)**

Notice: This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

BEFORE YOU BEGIN — INSPECT YOUR KIT

Verify all components listed in the What's in the Kit section and Parts Addendum are present and undamaged before starting. If anything is missing or damaged, stop and contact RAVEK at 1-855-617-2787 before proceeding. Proceeding with installation constitutes acknowledgment that all components were received and inspected. RAVEK cannot be held responsible for incomplete installations resulting from uninspected or unreported missing components.

STREET LEGAL NOTICE

Installation of a RAVEK Turn Signal Kit does not automatically authorize your UTV / side-by-side for on-road use. Street-legal requirements for UTVs vary significantly by state, county, and municipality — and in some jurisdictions, no amount of added equipment qualifies a UTV for public road operation. It is the sole responsibility of the user to verify local requirements before operating on any public roadway.

TOOLS NEEDED:



Ratchet



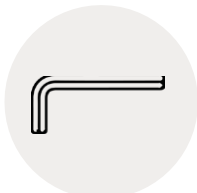
5/16" drill bit



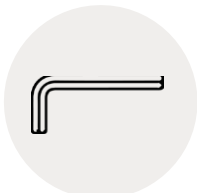
1/4" drill bit



Drill



3mm Allen Wrench



4mm Allen Wrench



10mm Deep Well Socket



3/4" Socket



8mm Deep Well Socket

INSTALLATION VIDEO GUIDE

SCAN CODE FOR VIDEO WALKTHROUGH



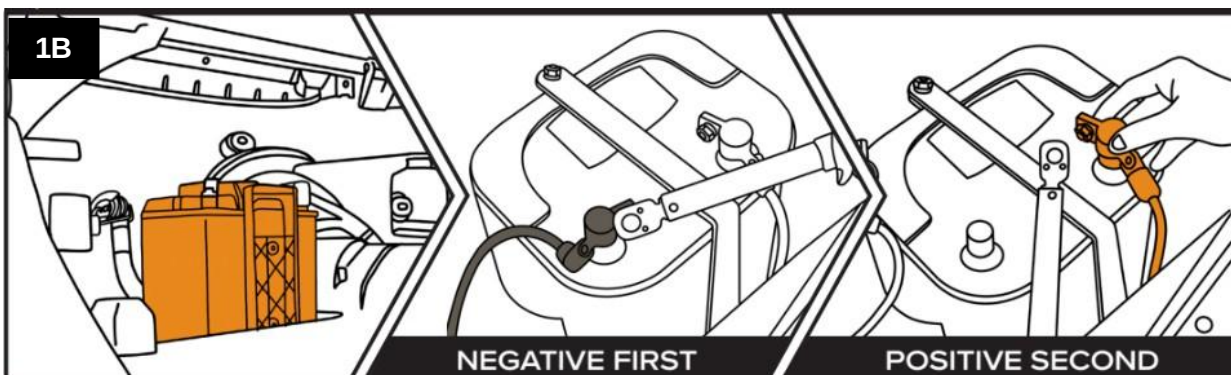
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DISCONNECT YOUR BATTERY

1

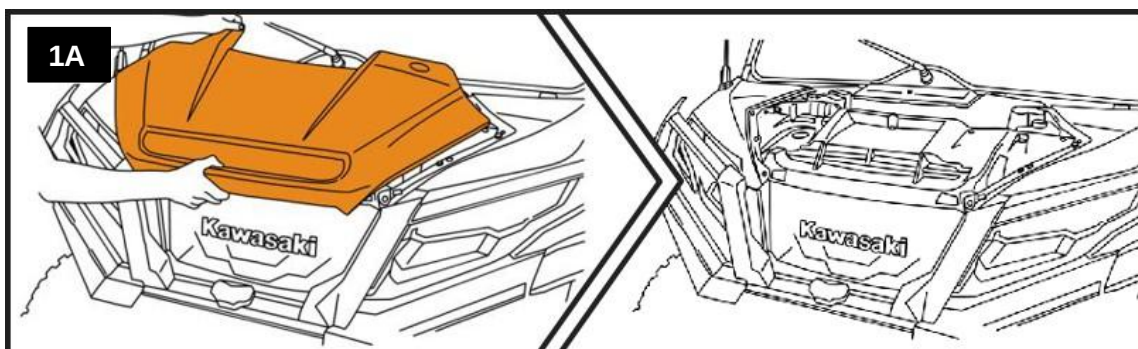
- On the passenger side of the machine, locate the battery access panel positioned directly below the bed-tilt latch. [SEE FIG. 1A]
- Remove this panel to expose the battery.
- Using a **10 MM WRENCH**, disconnect the battery—ground (black) first, positive (red) last. [SEE FIG. 1B]
- Set the cables aside where they cannot accidentally make contact with the terminals.

SCAN FOR TECH TIP

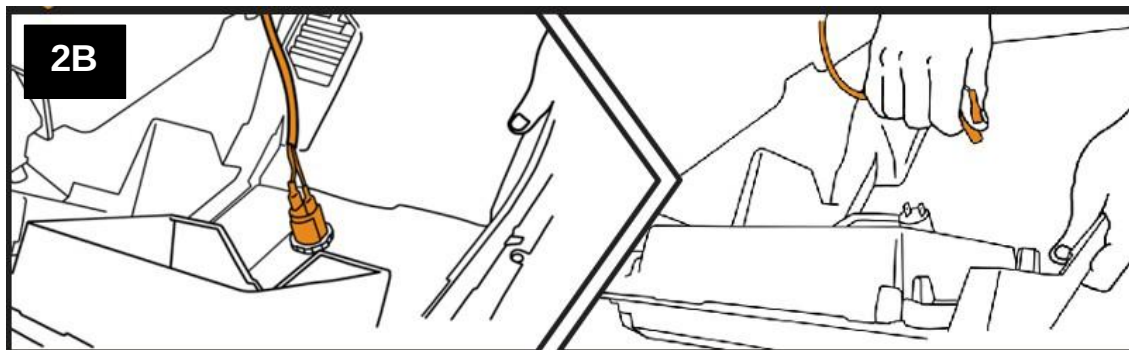
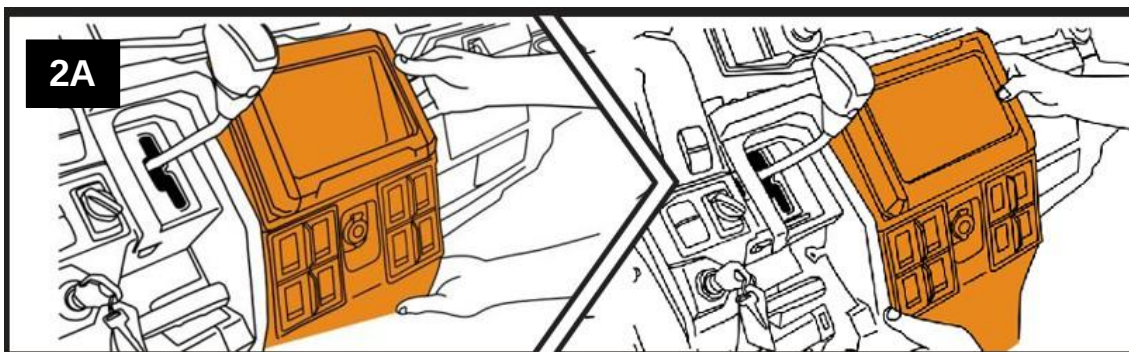


PREPARE THE FRONT END OF THE MACHINE

- Release the hood twist pins located at the front of the machine.
- Lift and remove the hood to fully expose the open space beneath it. [SEE FIG. 1A]
- This open area will be used to route the wiring for the blinker lights as well as the wiring from the horn, and in future steps you will also mount the horn in this same area.

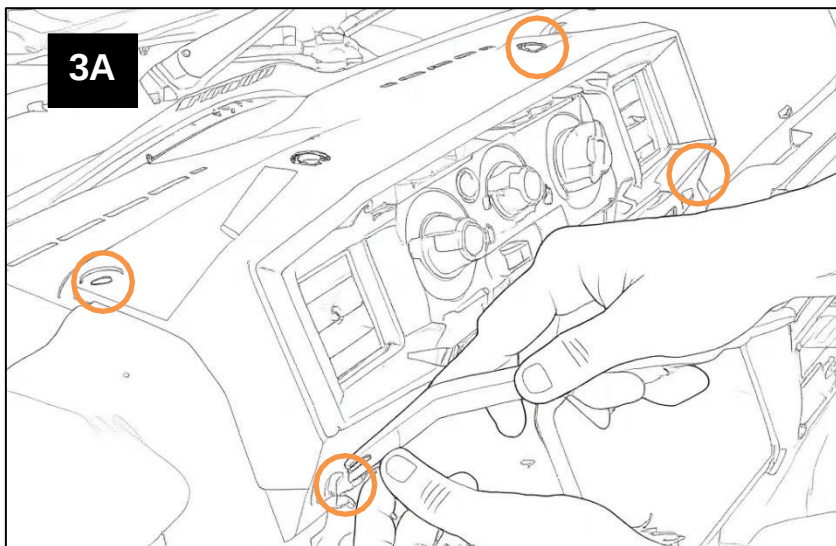


- Carefully pull the switch panel away from the dash to remove it; the panel is held in place by plastic push-in clips only. [SEE FIG. 2A]
- Before removing the panel completely, shift the vehicle into Neutral to prevent the panel from interfering with the shifter once it is released.
- Removing this panel provides the necessary access for routing wires behind the dash area.
- Unplug the spade connectors from the AUX port and set the switch panel aside. [SEE FIG. 2B]



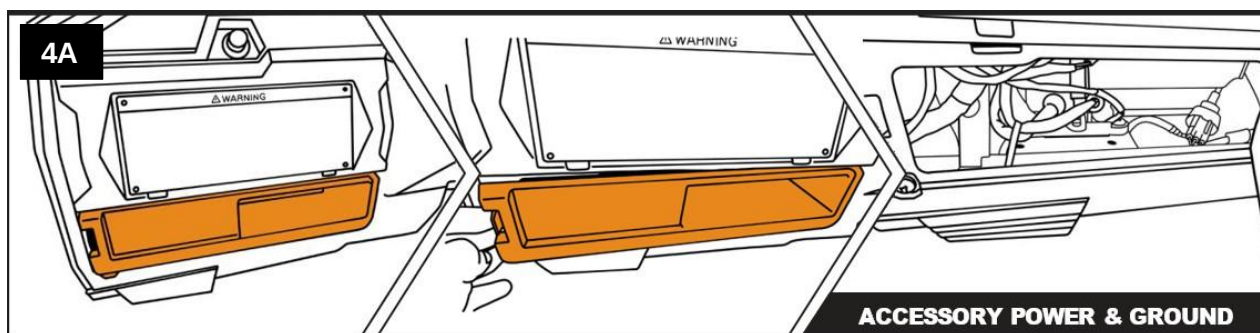
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- Partially remove the temperature control switch panel by taking out the four push-pin fasteners—one located at each corner of the panel. [SEE FIG. 3A]
- Once the fasteners are removed, gently lift the panel to create additional clearance.
- This added space will provide better access to the backside of the panel for routing wires in upcoming steps.
- You can leave this panel hanging while you continue with the remaining installation steps.

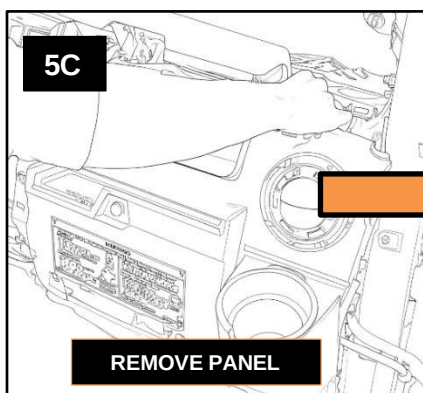
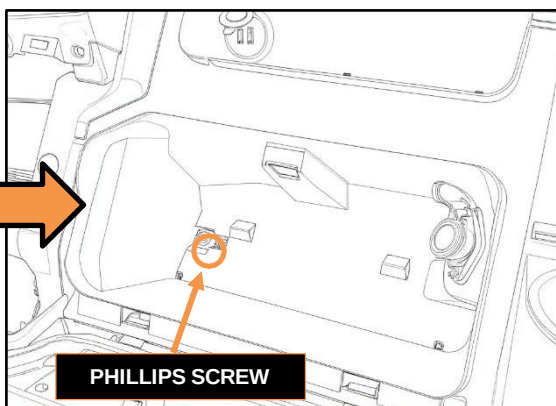
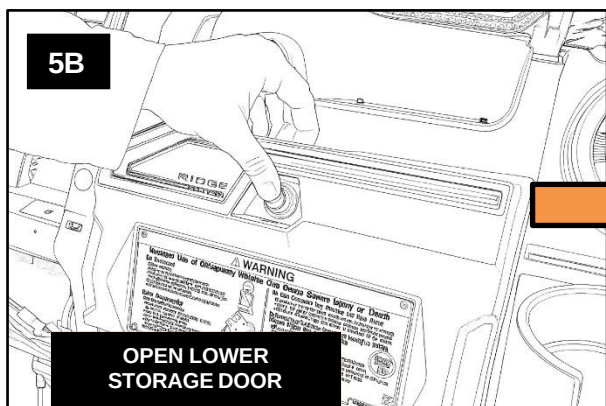
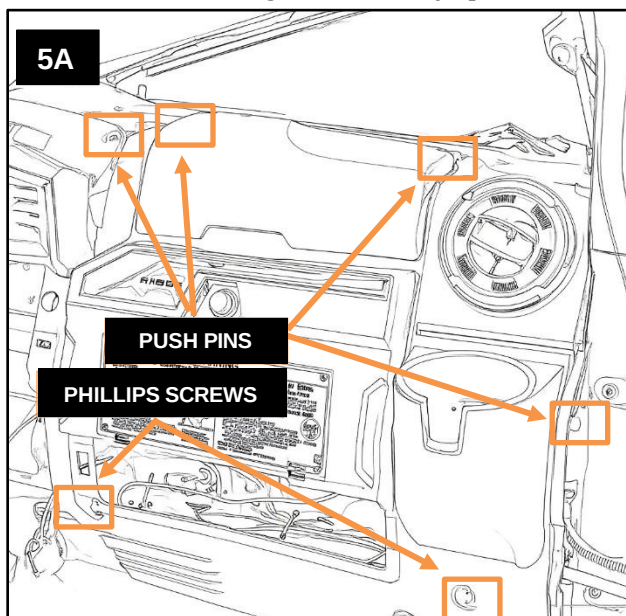


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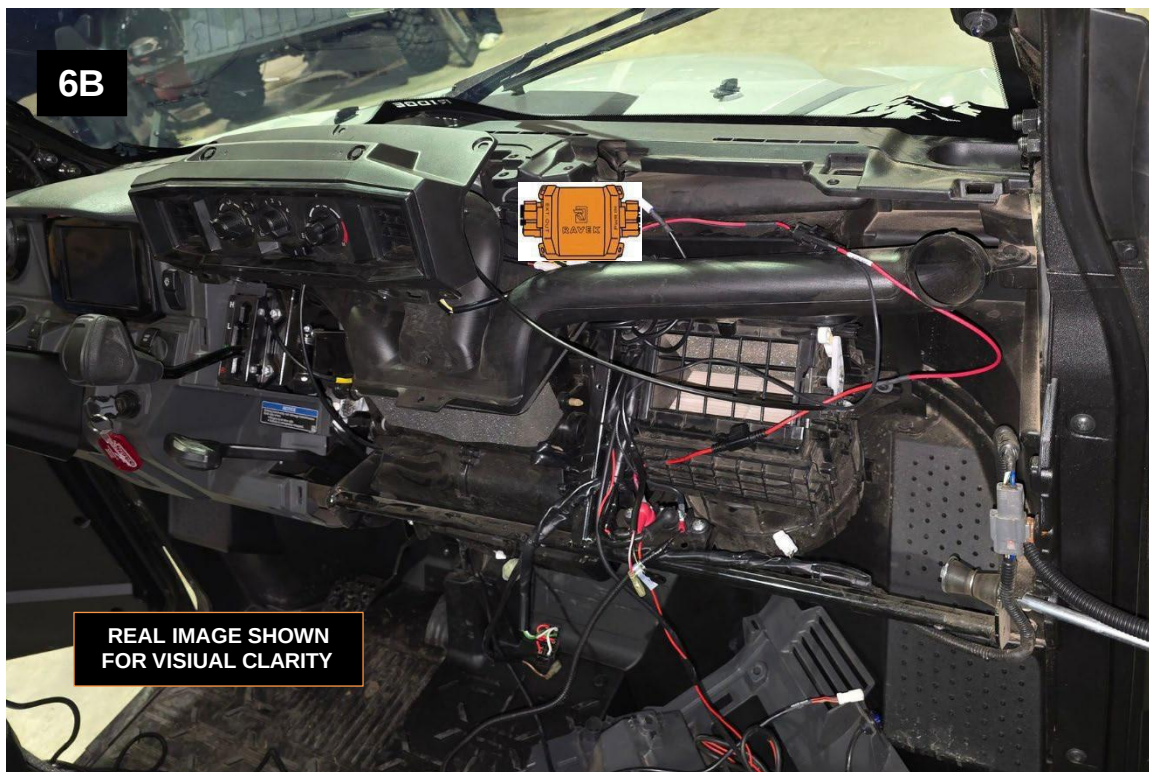
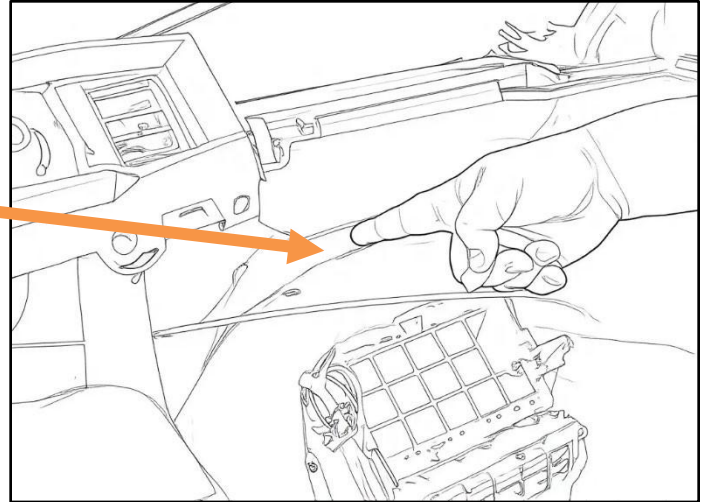
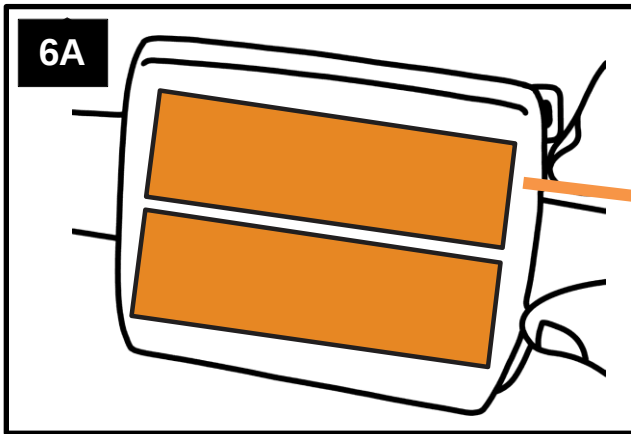
- Locate the bus bar access panel underneath the passenger-side glovebox.
- Press the release tab to disengage the panel.
- Pull the panel away from the machine to fully remove it and expose the bus bar area.
- After removing the dash panel in the upcoming steps, you will return to this bus bar area to connect the power harness supplied in your kit. [SEE FIG. 4A]



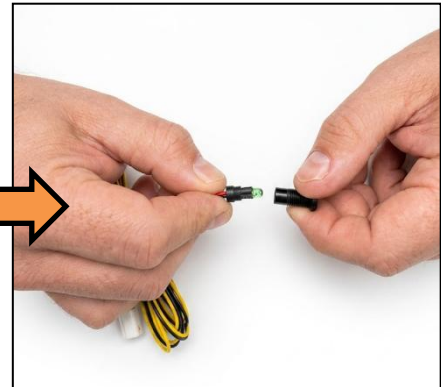
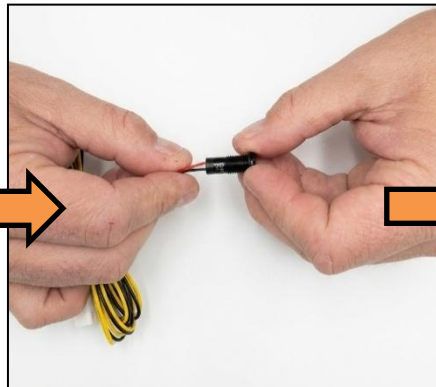
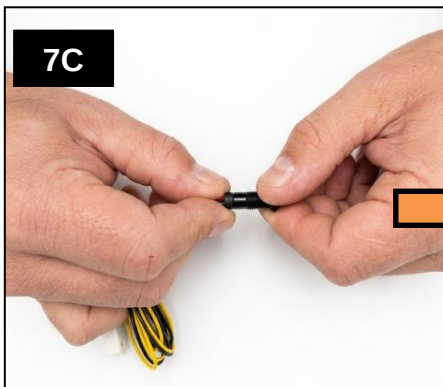
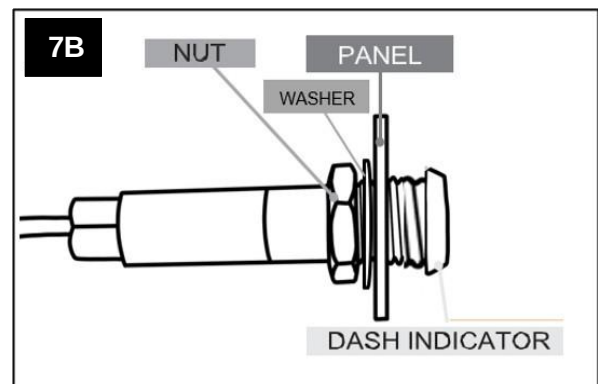
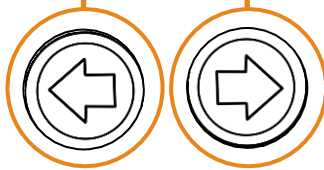
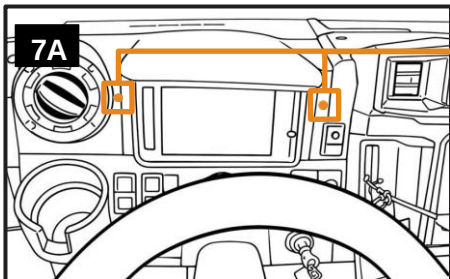
- Remove the passenger-side dash panel by taking out the four push-pin fasteners and the three Phillips screws securing the panel in place, using **PUSH PIN PLIERS** and a **PHILLIPS SCREWDRIVER**.
- Once all hardware is removed, carefully pull the panel away from the dash.
- Before fully removing the panel, disconnect the spade connectors from the AUX ports located on the backside of the panel. These ports are labeled + (positive) and – (ground).
- Take note of which connector is power and which is ground to ensure proper reconnection during reassembly. [SEE FIGS. 5A – 5C]



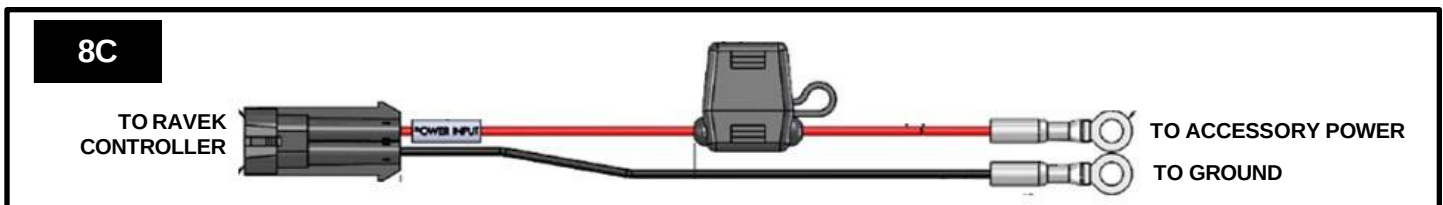
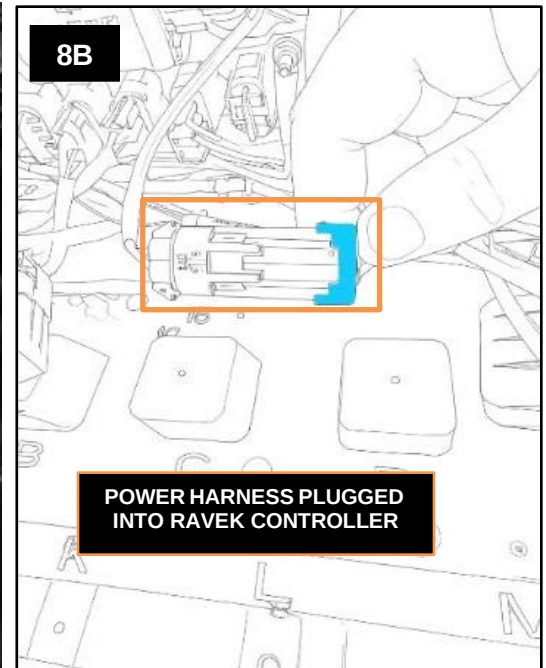
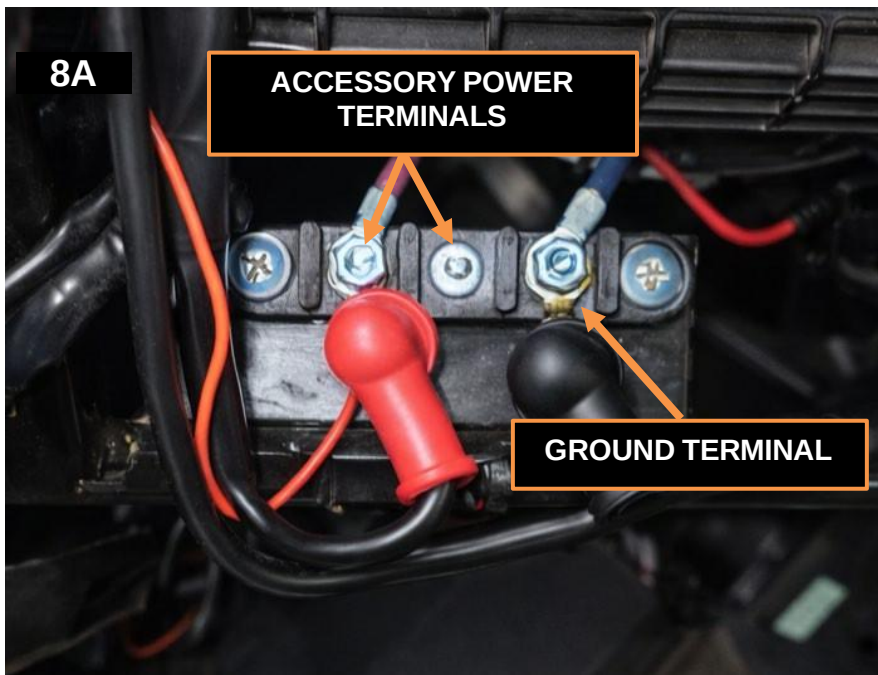
- Behind the panel removed in the previous step, locate a clean, flat mounting surface for the controller.
- Clean the selected area with the supplied alcohol wipe, then apply the adhesive promoter wipe to ensure proper adhesion.
- Secure the controller using the pre-applied double-sided tape on the back of the controller.
- Firmly press the controller into place to complete the installation. [SEE FIGS. 6A & 6B]



- Mount the dash indicators to the Ridge dash. We recommend positioning them to the left and to the right of gauge cluster display, as shown in FIG. 7A. **Scan the Tech Tip below for a quick video on how to install your dash indicators.**
- Mark the two mounting hole locations, then drill both holes using a **5/16 IN. DRILL BIT**.
- Before installing, unthread and remove the upper half (front cap) of each dash indicator by hand.
- Insert only the top portion of the indicator (the front cap with the LED lens) through the drilled hole from the front side of the dash.
- Reach behind the dash to position the rear body of the indicator.
 - Align the rear body with the threaded portion of the front cap.
 - Thread the back portion onto the indicator from behind the dash until fully seated.
- Secure the indicator using the supplied washers and nuts, ensuring the assembly is tightened evenly and the indicator sits flush with the dash surface.
- Refer to the diagram below for the correct assembly order and orientation. [SEE FIGS. 7A – 7C]

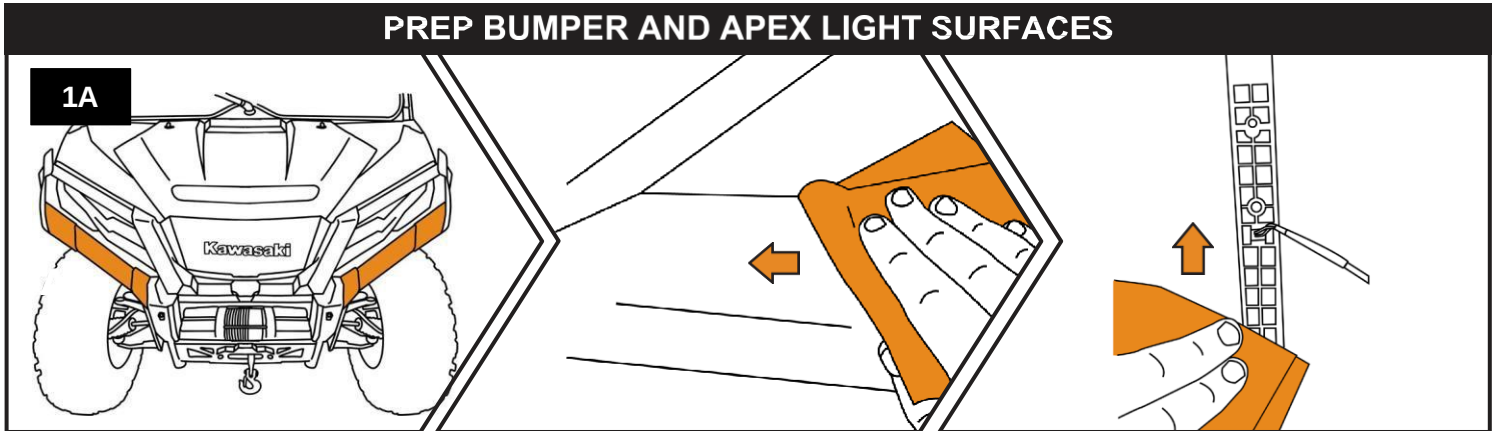


- Locate the bus bar behind the previously removed bus bar access panel. With the dash panel now removed, this area is much more accessible. Use a 10 MM SOCKET to remove the nut from the appropriate stud before connecting your power harness. The accessory power studs are the left and center posts, and the ground stud is the far-right post. [SEE FIG. 8A]
- Take the supplied power harness and connect the red power wire (positive) to one of the accessory power studs on the bus bar. [SEE FIG. 8C]
- Next, connect the black ground wire (negative) to the ground stud on the far right. [SEE FIG. 8C]
- Plug in the power harness to the “POWER” port on the controller. [SEE FIG. 8B]



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- Prepare the flat mounting surface on your bumper by first cleaning it with the supplied alcohol wipe, followed by the adhesive promoter wipe.
- Clean both the bumper's mounting area and the base of the Apex lights to ensure proper adhesion.
- Allow all cleaned surfaces to dry completely before proceeding with installation.
[SEE FIG. 1A]

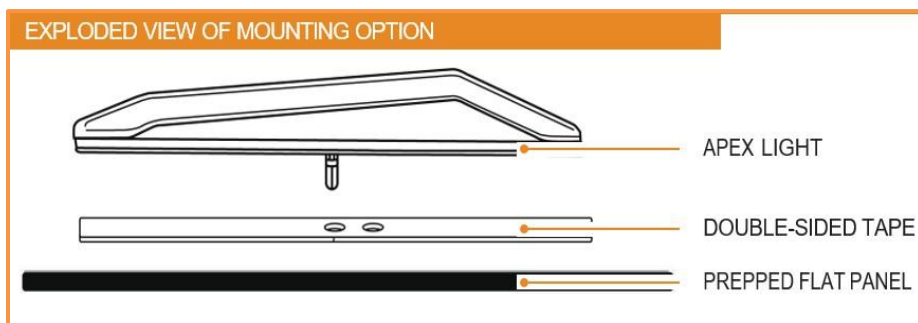
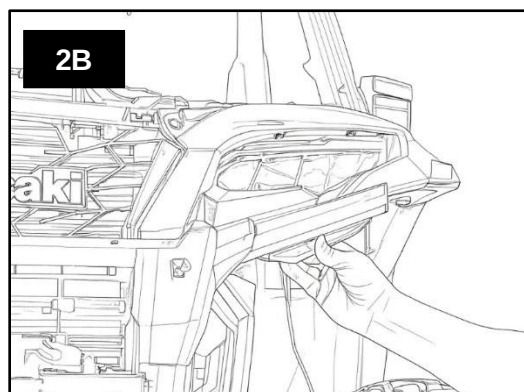
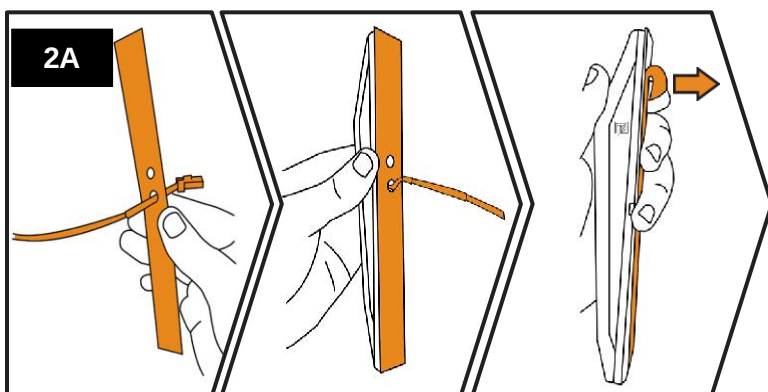


SCAN FOR TECH TIP



2

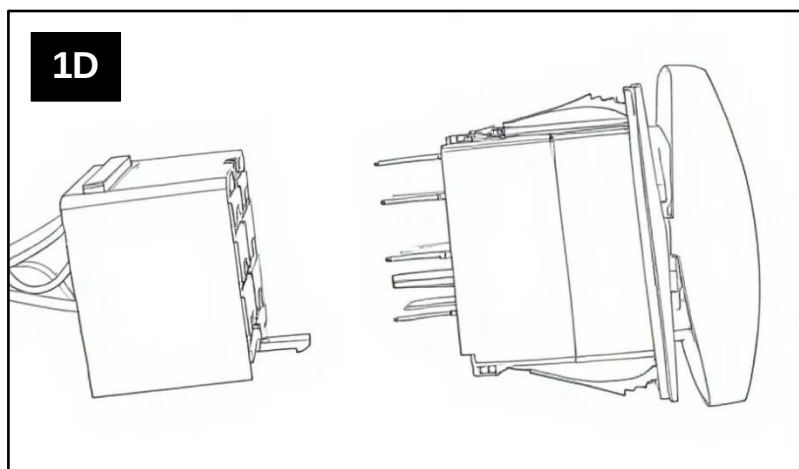
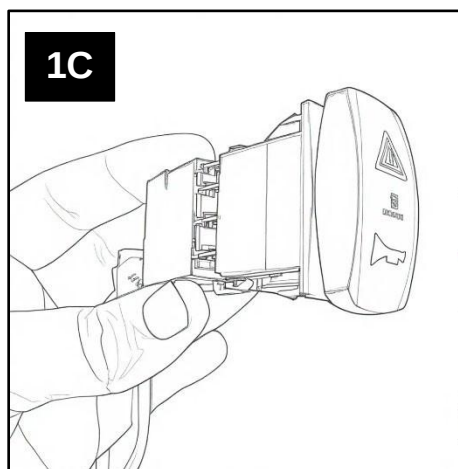
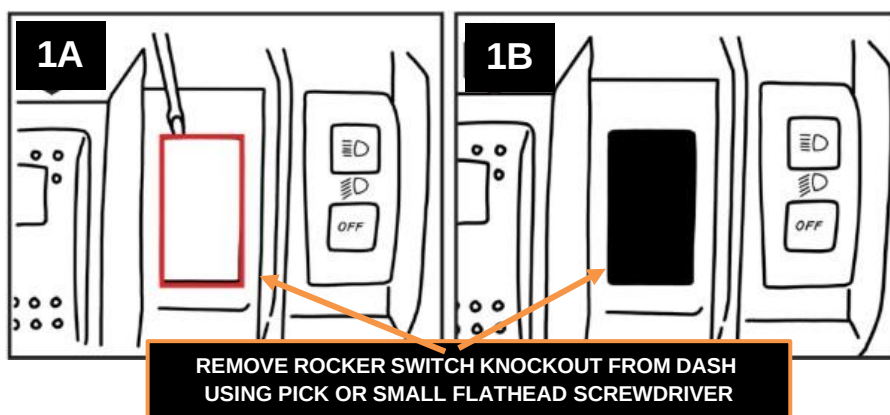
- Apply the supplied double-sided tape to the base of the light, ensuring the non-3M-marked side adheres firmly to the light housing.
- Once the connector has been fully routed to its mounting location, peel off the 3M-marked backing from the tape.
- Position the light onto the mounting surface as shown, then press firmly to secure it in place.
- Refer to the illustrations below and the Option A exploded view diagram for proper placement and orientation. [SEE FIGS. 2A & 2B]
- Route the front left and right extension wires toward the Apex lights by feeding them through the small grommet on the front passenger side of the dash (accessible once the hood is removed). Note that this grommet is very small, slicing it slightly to increase the opening may be helpful depending on your installation process. Use a wire fish to assist in pushing the wires cleanly through the grommet.



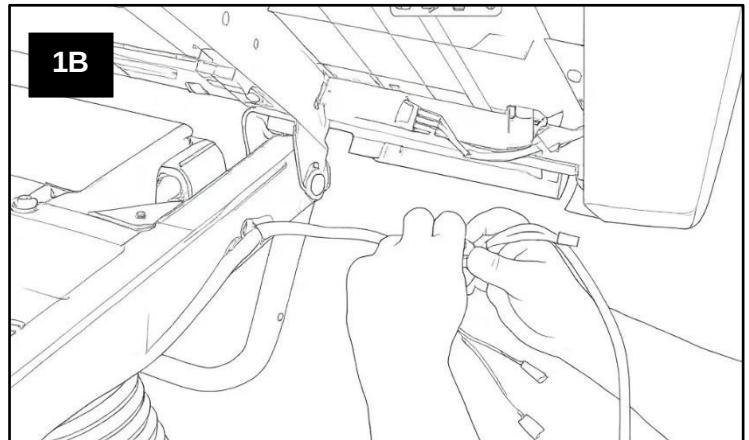
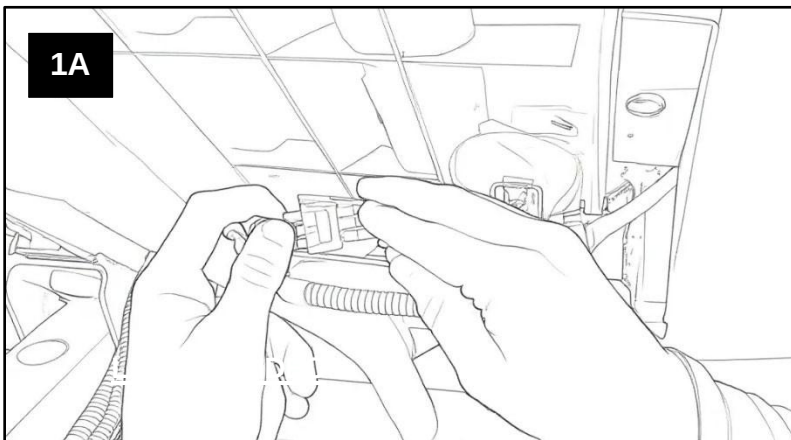
FIREWALL GROMMET



- Gather the Turn Signal and Horn/Hazards rocker switches included in your kit.
- Using a **SMALL FLATHEAD SCREWDRIVER** or **PICK TOOL**, remove two rocker switch knockouts from the dash where the Horn/Hazards and Turn Signal rocker switches will be installed.
- With the knockouts removed, disconnect the rocker switches from their switch harnesses so the switches can be inserted into the dash.
- Insert each rocker switch into the open dash ports, ensuring each switch snaps securely into place.
- From the backside of the dash, reconnect each rocker switch to its respective switch harness.
- Once reconnected, route the wiring from the rocker switches to the controller:
 - Connect the Horn/Hazard switch harness to the HORN-labeled port on the controller.
 - Connect the Turn Signal rocker harness to the TURN SWITCH-labeled port on the controller. [SEE FIGS. 1A – 1D]

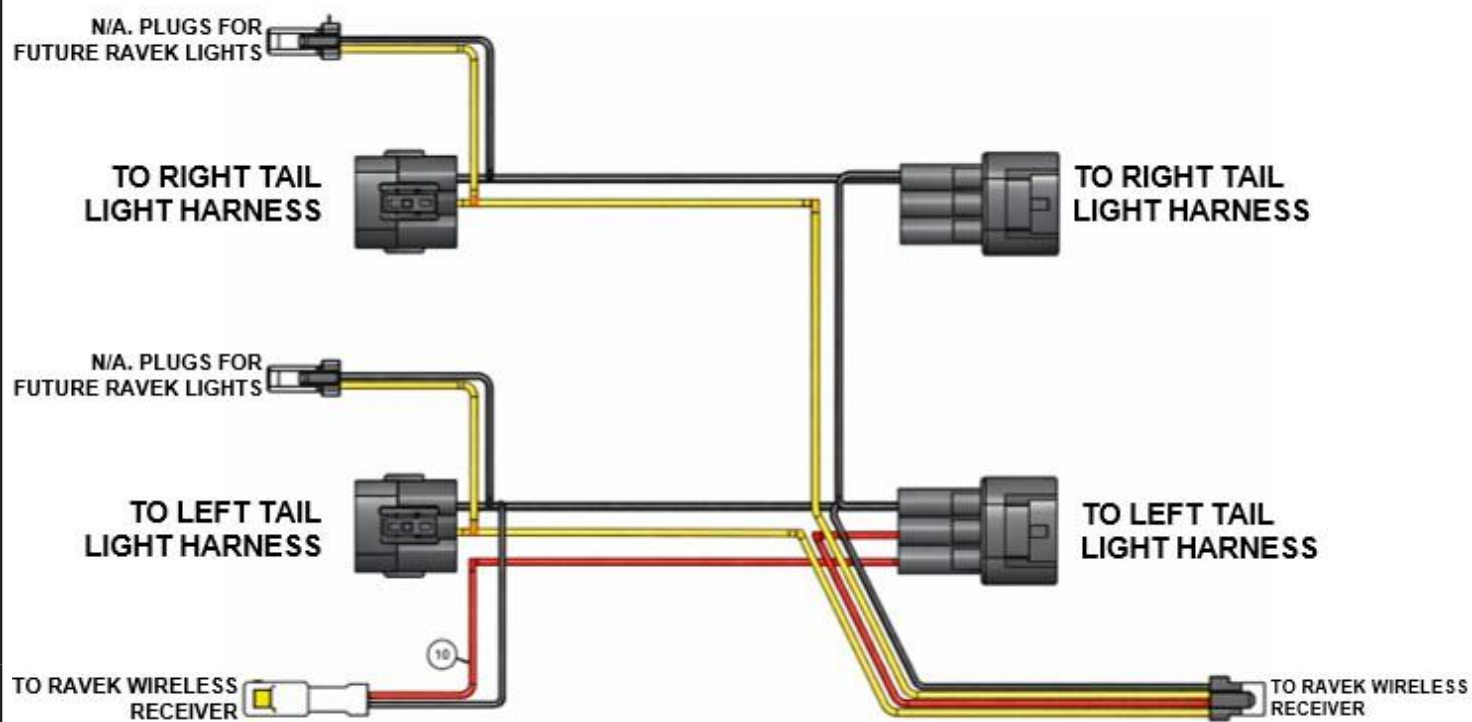


- Tilt the bed to improve access to the rear taillight harnesses.
 - The taillight connectors are located beneath the bed near each taillight, as shown in FIGS. 1A & 1B.
- Once the connectors are accessible, plug the supplied rear harnesses in-line with the factory wiring.
- Connect each rear harness to the taillight harness that was disconnected in the previous step.
- Connect the wireless receiver to the following connectors on the rear harness:
 - 4-pin JST connector labeled “LIC. PLATE” on the rear harness → to the 4-pin connector on the wireless receiver.
 - 2-pin JST connector labeled “REAR HARN.” on the rear harness → to the 2-pin connector on the wireless receiver
- Refer to DIAGRAM A for routing and connection orientation.

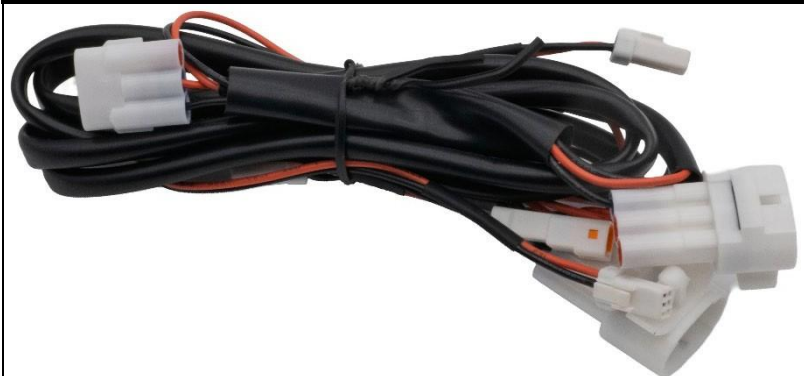


REAR HARNESS DIAGRAM

DIAGRAM A



REAR HARNESS SUPPLIED



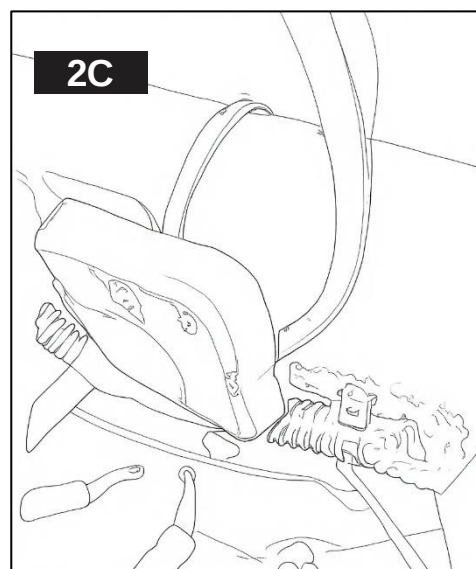
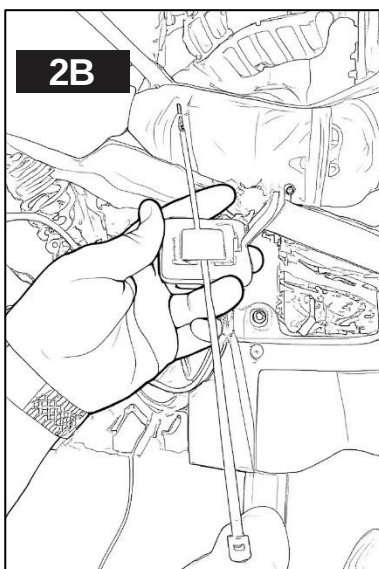
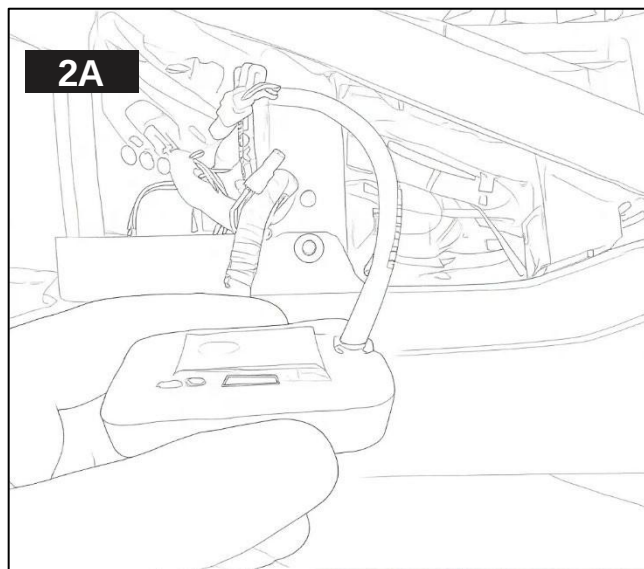
WIRELESS RECEIVER SUPPLIED



Notice: This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

2

- With the wireless receiver plugged into the rear harness:
- Route a supplied zip tie through the backside slot of the receiver. [SEE FIGS. 2A & 2B]
- Position the receiver against the machine's frame. [SEE FIG. 2C]
- Tighten the zip tie securely to hold the receiver firmly in place.
- Verify the receiver is not loose and does not interfere with any moving components. [SEE FIGS. 2A–2C]

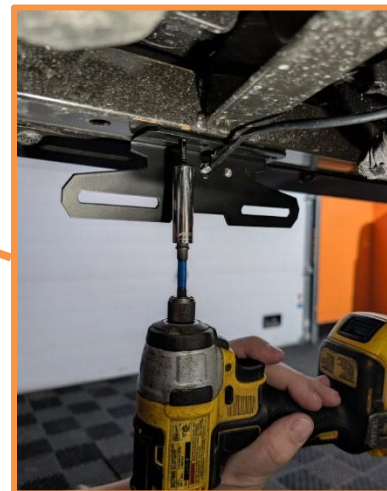
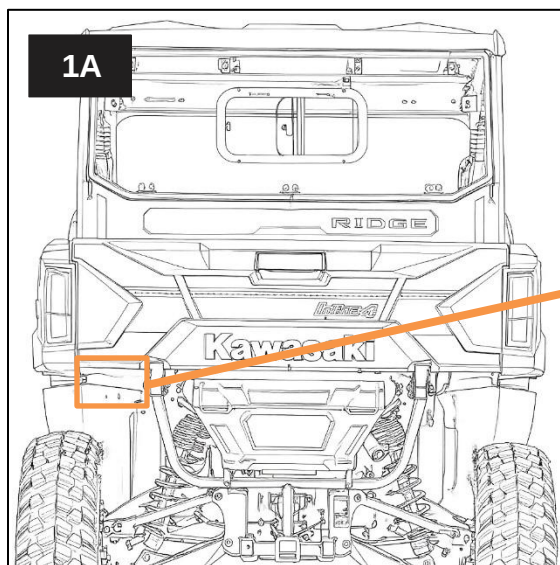


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LICENSE PLATE BRACKET

1

- Position the license plate bracket on the rear frame area beneath the tailgate (driver-side location as shown).
- Hold the bracket firmly in place and use a marking tool to mark the two mounting hole locations.
- Using the supplied self-tapping screws along with an **IMPACT DRIVER** and **10 MM SOCKET**, secure the license plate bracket to the UTV's frame.

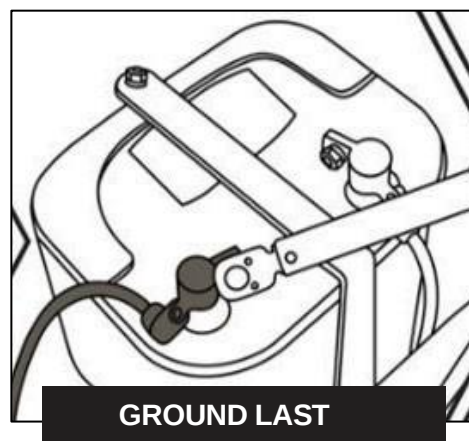
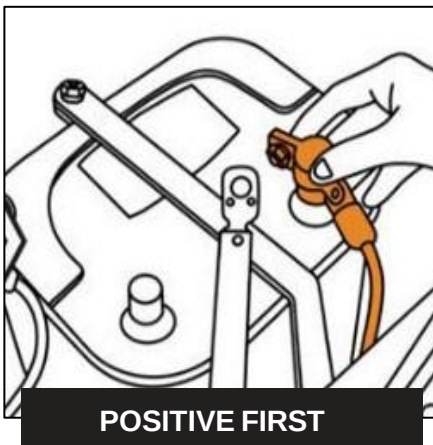
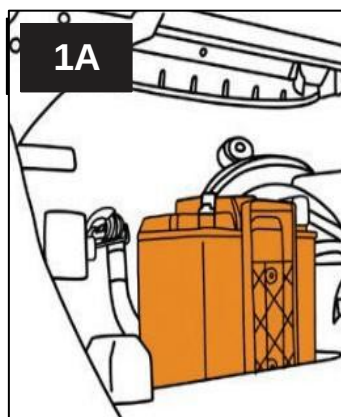


7

POWER KIT

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Go back to the battery and reconnect the terminals to supply power to the kit for the next step. [FIG. 1A]



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Turn your key to the ON position and test your lights.

1. **Hazard Lights:** Press the **Hazards** icon on the Horn/Hazards rocker switch to activate the hazard lights.
2. **Turn Signals:** Press the arrow pointing **left** for a left turn, or the arrow pointing **right** for a right turn.
 - The rocker is momentary, so it automatically returns to the neutral position—no manual reset required.
 - Turn Signal Duration:
 - 1 press: 10-second signal
 - 2 presses: 20-second signal
 - 3 presses: 30-second signal
 - **NOTE:** You can manually cancel the turn signal at any time by pressing the rocker in the opposite direction.
3. **Running brake lights**
4. **Running white lights**
5. **Brake light w/ pulse effect**
6. **Left turn signal dash indicator**
7. **Right turn signal dash indicator**

1A

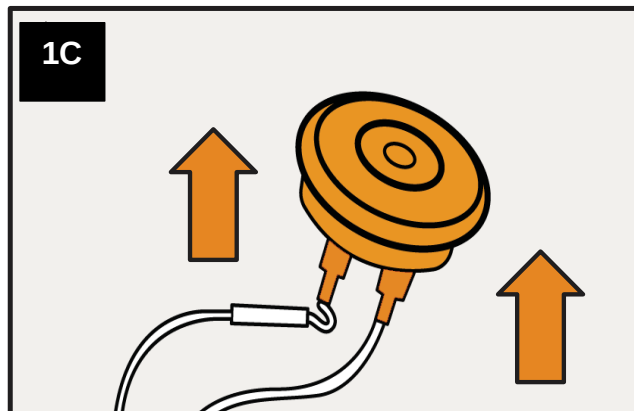
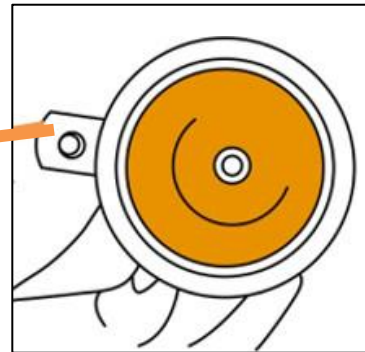
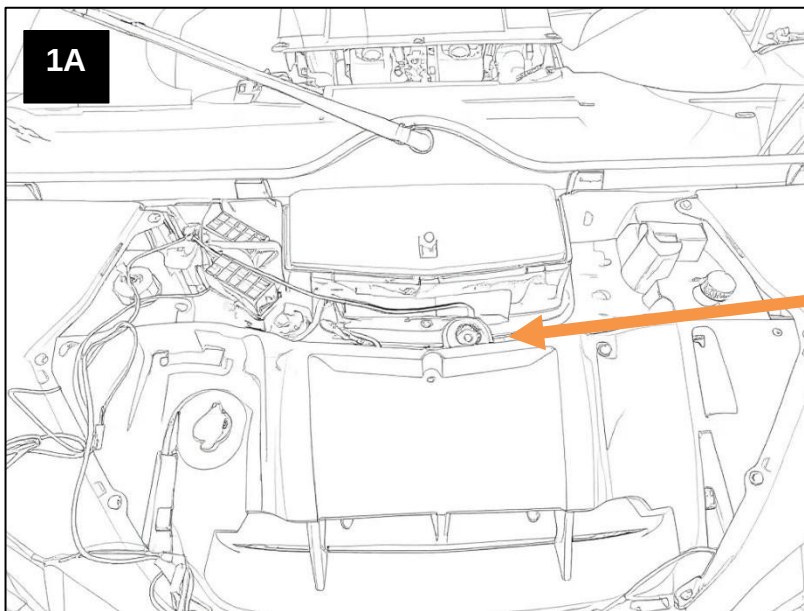


1B



1

- Under the hood, locate the recommended push pin shown in FIGS. 1A & 1B.
- Position the horn in place and mount it using the OEM hardware.
- If installing in the recommended location, use push-pin pliers to remove the push pin, then install the horn in its place.
- Tighten the hardware securely to prevent any movement during operation.
- Ensure the horn is not touching surrounding surfaces or panels, as contact may reduce or muffle the sound output.
- Connect both spade terminals from the extension harness to the horn's connectors — either terminal can be used if not already connected.
- Route the harness toward the controller inside the cab using the small firewall grommet; using a wire fish at this step can be very helpful. [SEE FIG. 1C]



1

Close the hood, turn the key to the ON position, and test the horn.

WARNING: *The horn is loud. Use ear protection or cover your ears before testing.*

- 1. Horn:** To activate the horn, simply press the **Horn** icon on the Horn/Hazards rocker switch. [SEE FIG. 1A]

1A

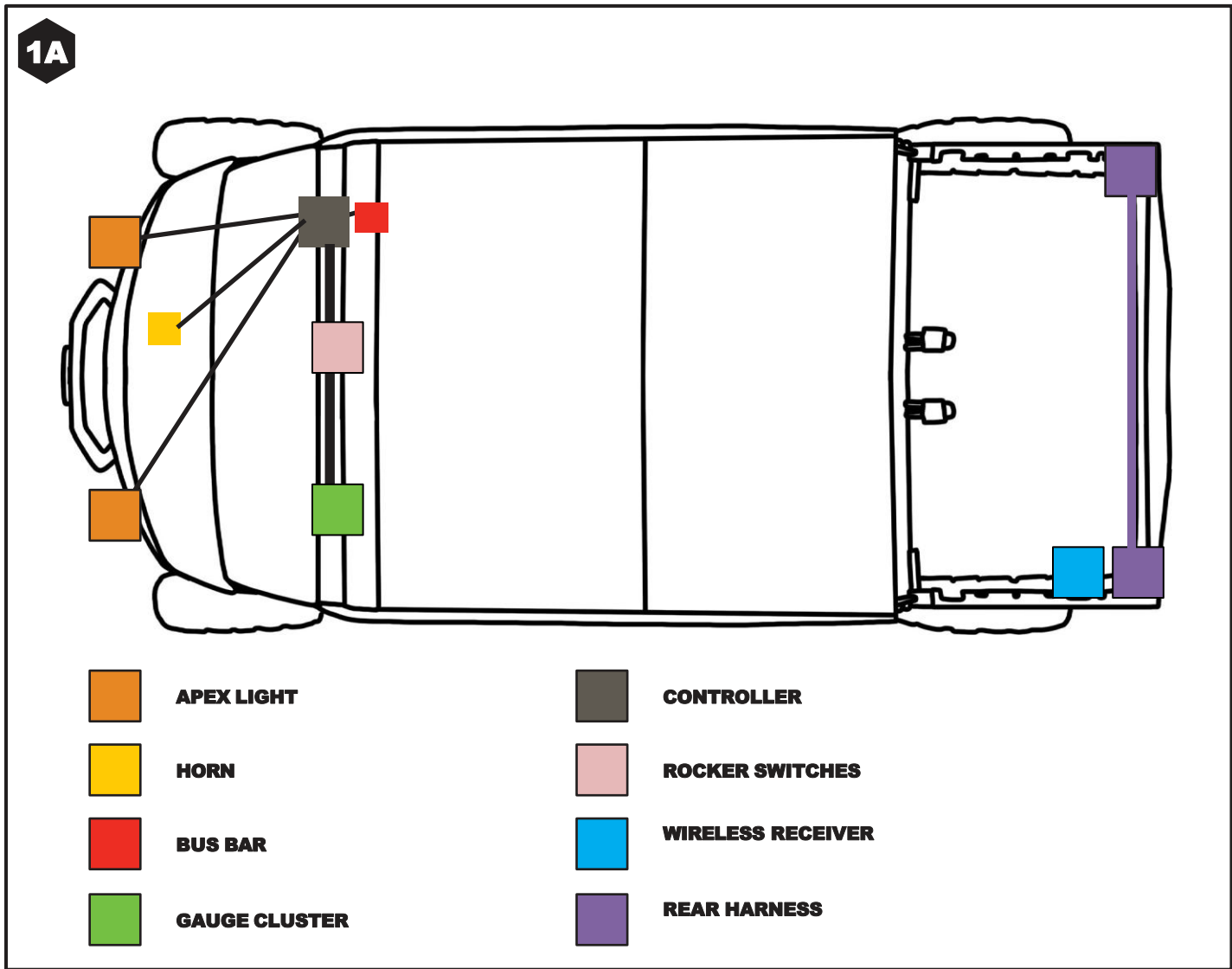


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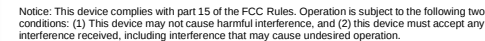
Once you have tested the kit and verified proper operation, reassemble your machine by placing all panels back in their corresponding positions.

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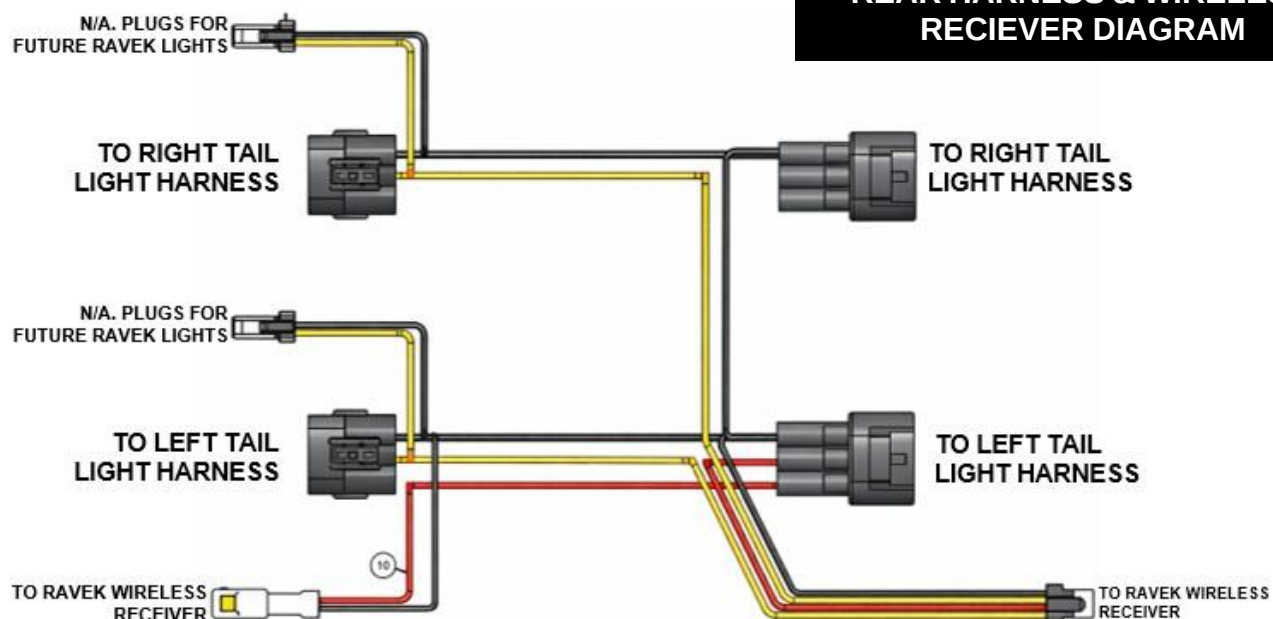
See FIG. 1A for the Kit Overview Diagram.



RAVEK CONTROLLER WIRING DIAGRAM



REAR HARNESS & WIRELESS RECIEVER DIAGRAM



T
O
2

-PIN CONNECTOR
ON WIRELESS
RECEIVER



RAVEK
BUILT FOR MORE

RAVEK WISCONSIN TECH SUPPORT LINE: 855-617-2787