RAVEK

POLARIS RANGER 1000 2025+

GEN3 SPEAKEASY TURN SIGNAL KIT

WITH WHITE RUNNING LIGHTS

INSTALLATION INSTRUCTIONS

RAVEK

POLARIS RANGER 1000 2025+

GEN3 SPEAKEASY TURN SIGNAL KIT

Part #: 64-1007SL Fitment: POLARIS RANGER 1000 2025+

5/16" Drill Bit

1/4" Drill Bit

Drill

TOOLS NEEDED:

Push Pin Pliers

Pick

4mm Allen Wrench

5mm Allen Wrench

Ratchet

10mm Socket

10mm Wrench

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.

PARTS INCLUDED:

- **Controller (1x)**
- **Insert with Apex Light (2x)**
- **Horn (1x)**
- **Power Harness (1x)**
- **Turn Switch (1x)**
- **License Plate Bracket (1x)**
- **Dash Indicator Harness (2x)**
- **Wireless Receiver (1x)**
- **Input Harness (1x)**
- **Output Harness (1x)**
- **M6 Flat Washer (2x)**
- **Horn/Haz Switch (1x)**
- **M6 x 1.0 x 10mm Allen Screw (4x)**
- **M6 x 1.0 x 16mm Allen Screw (2x)**
- **Adhesive Promoter Wipe (1x)**
- **Rubbing Alcohol Wipe (1x)**

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.

CALL OUR TECH LINE WITH ANY QUESTIONS: 855-617-2787

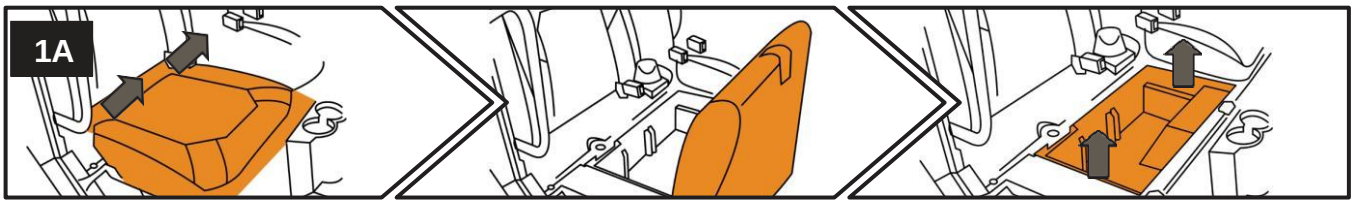
INSTALLATION VIDEO GUIDE

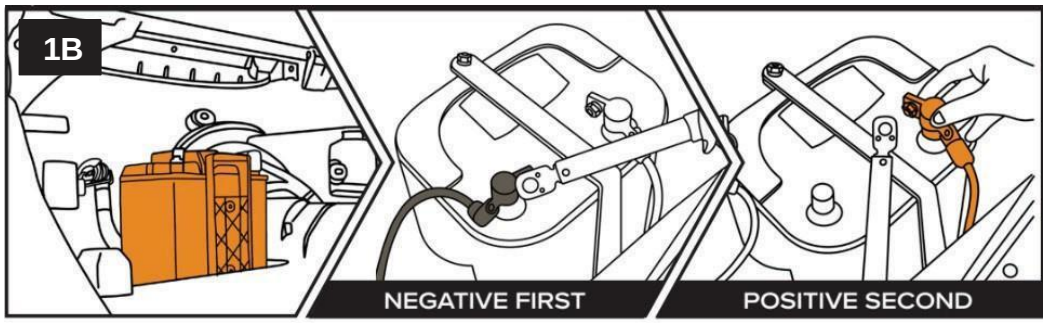
SCAN CODE FOR VIDEO WALKTHROUGH:

1 DISCONNECT BATTERY

1

- Before you begin the installation, disconnect the battery to prevent any electrical damage.
- Tilt the passenger seat forward to gain access to the battery tray located
- underneath the seat:
  - 2-door models: the battery is beneath the front passenger seat.
  - 4-door models: the battery is beneath the rear passenger seat.
- Once the seat is tilted forward, remove the battery tray to fully expose the battery and create enough working space for disconnecting the terminals.
- Using a **10 MM WRENCH**, disconnect the battery terminals in the proper sequence:
  - Remove the negative (ground) cable first to eliminate the risk of grounding the system.
  - Then remove the positive cable to fully isolate the battery from the vehicle's electrical system.
  - Following this order helps prevent accidental sparks or short circuits.
- For visual reference during this step, see [FIGS. 1A & 1B].



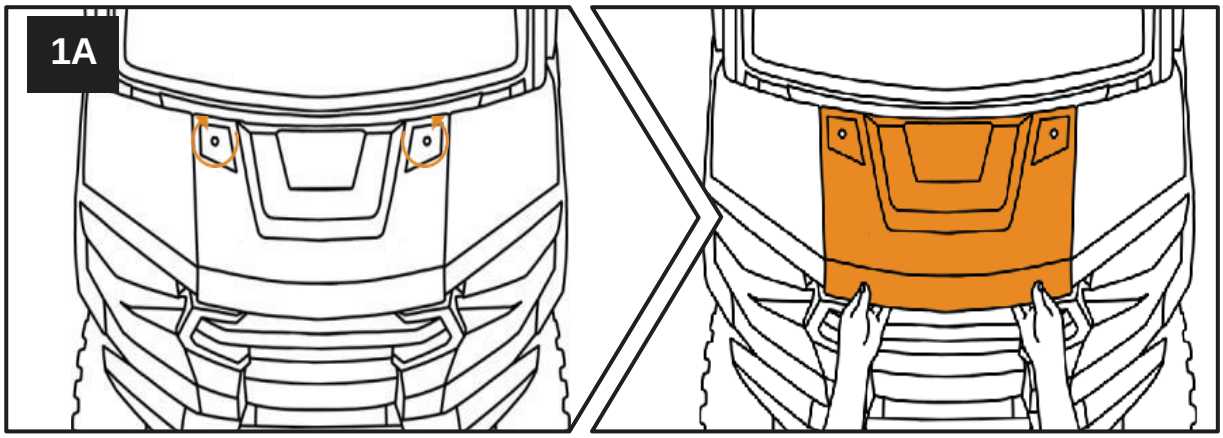


SCAN FOR TECH TIP

2 PREPARE THE FRONT END OF THE MACHINE

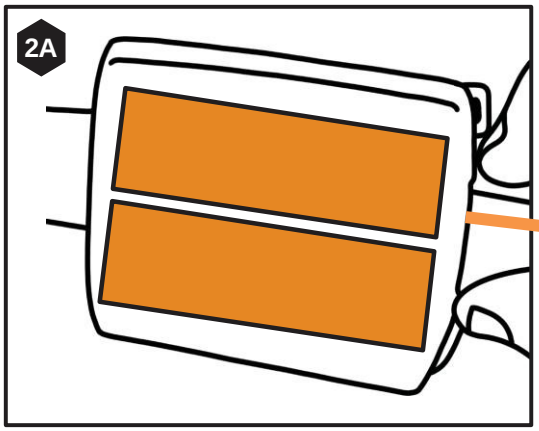
1

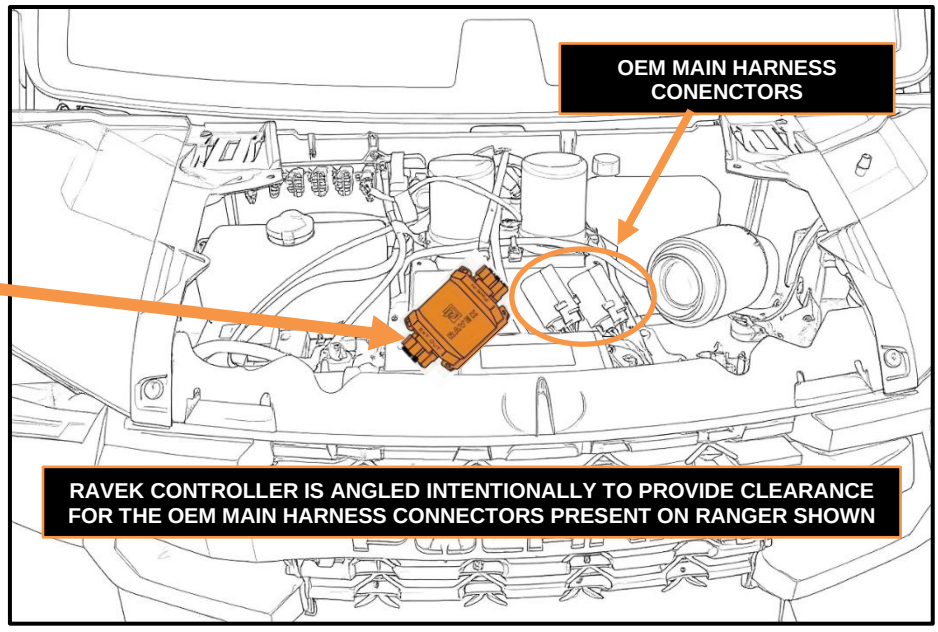
- Move to the front of the machine to access the hood area.
- Locate the two twist-lock knobs that secure the hood in place.
- Release both twist-lock knobs by turning them counterclockwise until they disengage.
- Once unlocked, slide the hood forward to disengage it from the front mounting points.
- With the hood fully released, lift it upward and remove it completely from the machine to open the front access area see FIG. 1A for visual guidance.



2

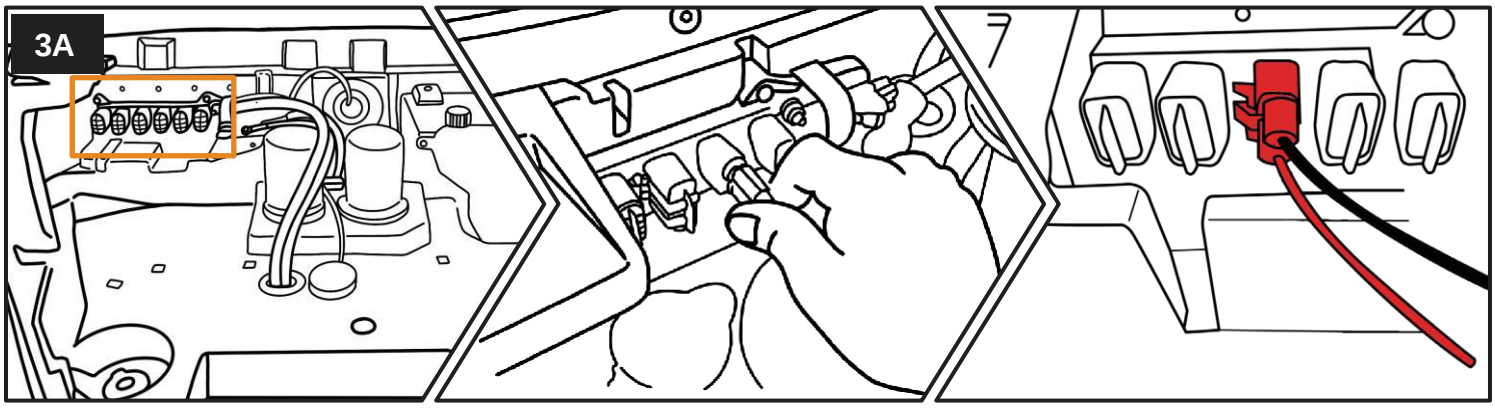
- With the hood removed, move to the area under the hood to mount the RAVEK turn signal controller.
- Identify a flat, clean mounting surface beneath the hood where the RAVEK controller can be securely installed.
- Prepare the surface by first wiping it down with the supplied alcohol wipe to remove dust, debris, or grease.
- After cleaning, apply the adhesive promoter to the same area to ensure maximum adhesion.
- Allow the prepared surface to dry completely before proceeding.
- Once dry, mount the RAVEK turn signal controller using the double-sided tape pre-installed on the RAVEK controller, pressing firmly to secure it in place as shown. SEE FIG. 2A for visual guidance.

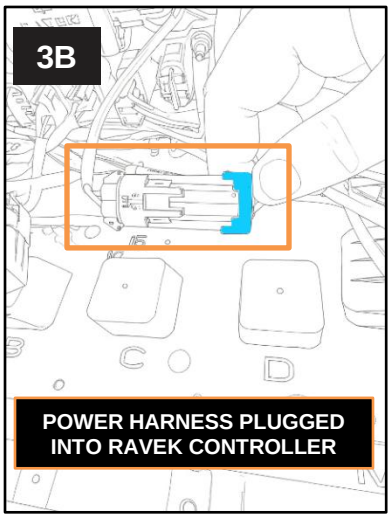




3

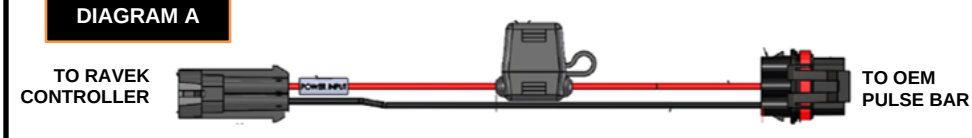
- Under the hood, locate the pulse bar where accessory power connections are made.
- Identify an open power port on the pulse bar and remove the dummy plug that is currently installed.
    - A **SMALL FLATHEAD SCREWDRIVER** may be helpful for gently prying the dummy plug out.
- After the dummy plug is removed, take the supplied power harness from your kit and plug it into the now-open port on the pulse bar.
    - SEE FIG. 3A & DIAGRAM A for visual orientation.
- Next, follow the opposite end of the power harness and connect it to the wire labeled “POWER” coming from the RAVEK turn signal controller.
    - SEE FIG. 3B & DIAGRAM A to ensure correct identification and routing.





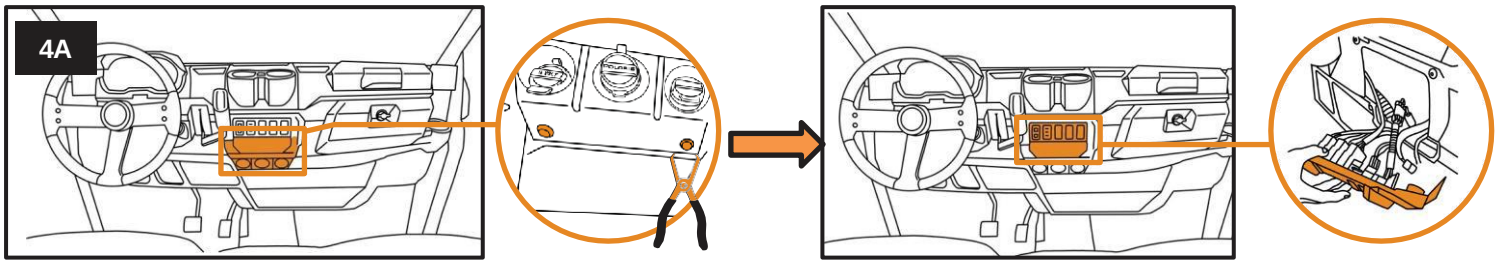
POWER HARNESS

DIAGRAM A



4

- Move to the dash area of the Ranger to access the switch panel.
- Using a pair of **PUSH-PIN PLIERS**, remove the two push pins located underneath the switch panel, see FIG. 4A for visual guidance.
- Once both push pins are removed, gently pull the switch panel outward from the dash to create an opening.
- Allow the switch panel to hang in place—there is no need to disconnect any rocker switches or fully remove the panel from the machine.
- This step is done solely to provide easier access for routing wiring from the front of the machine into the dash area in the upcoming steps.



5

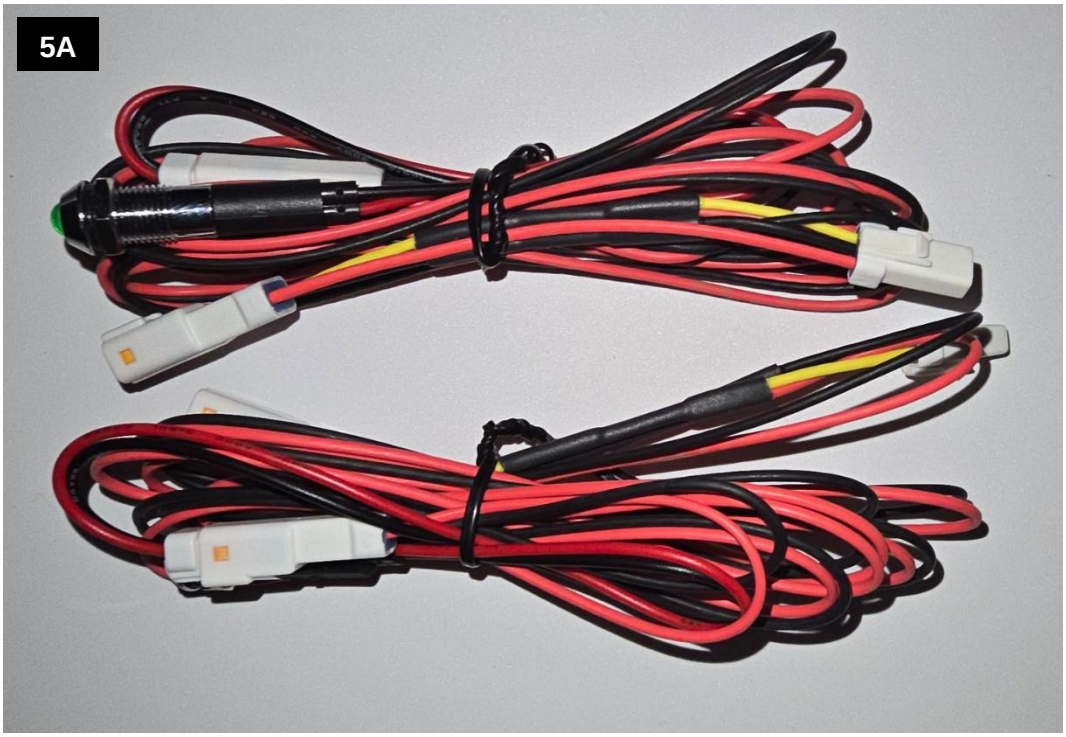
- Plug each dash indicator harness into the correctly labeled LEFT TURN and RIGHT TURN ports on the turn signal controller. *(**Refer to the Turn Signal Kit Wiring Diagram in Page 20 & 21**).*

- After connecting the harnesses, route the indicator wires—with the lights on the ends — toward the backside of the dash. Ensure the wires are not pinched, strained, or routed near moving components.

- This routing is necessary because, in the next step, you will drill and mount each indicator light into the dash:
  - The light connected to the LEFT TURN port will be drilled and installed on the left side of the dash.
  - The light connected to the RIGHT TURN port will be drilled and installed on the right side of the dash.

- This placement provides clear visibility of which turn signal is activated when operating the full kit. [SEE FIG. 5A]

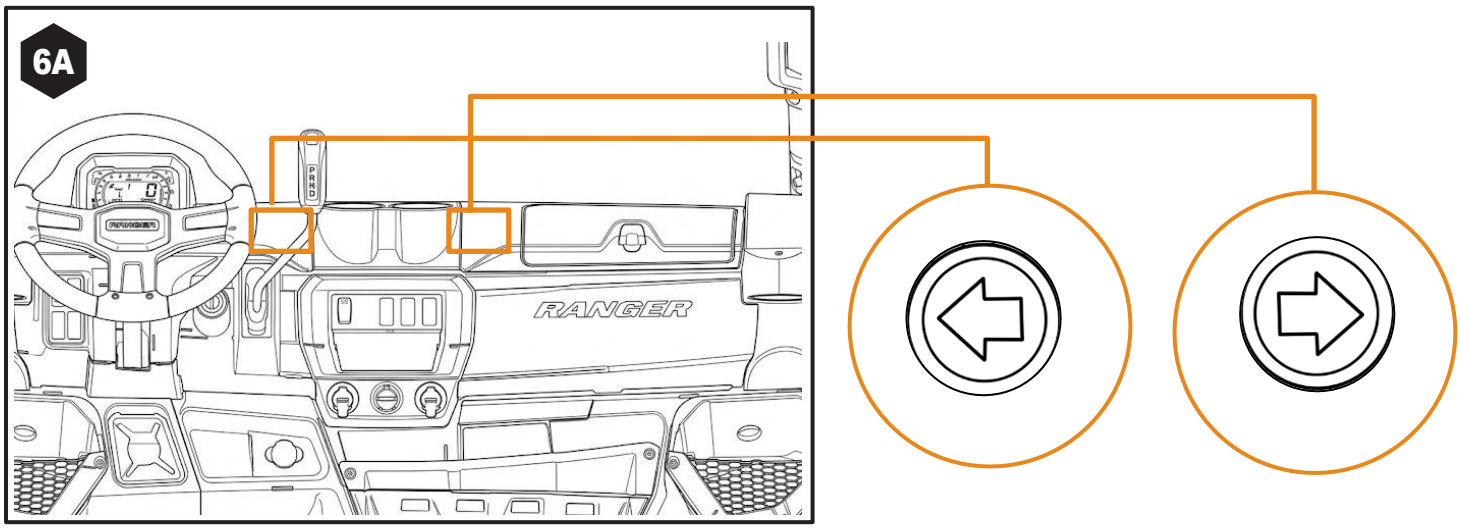
5A



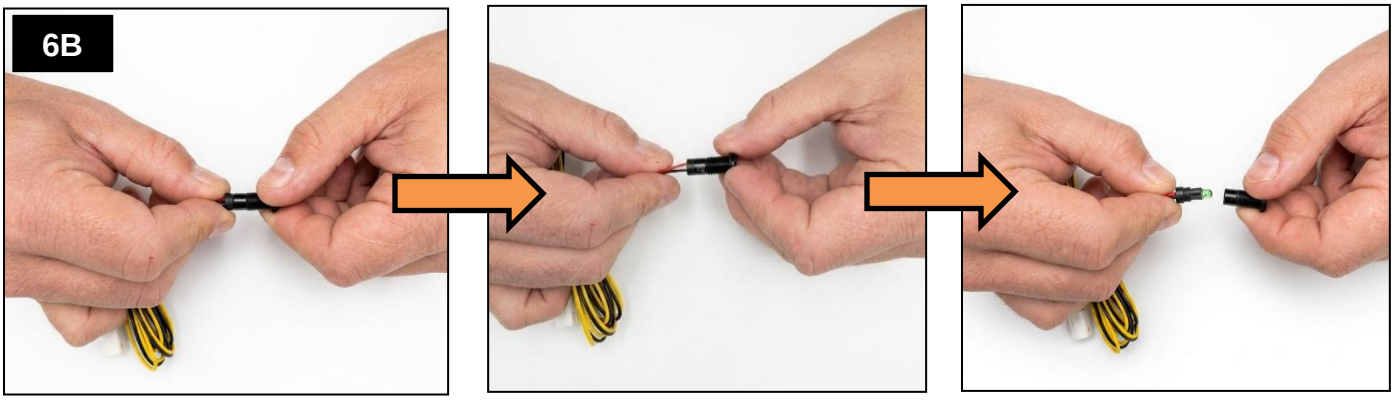
6

- Mount the dash indicators onto the Ranger dash. Scan the Tech Tip for a quick video guide on how to install your dash indicators.
    - We recommend placing them on the lower portion of the dash as shown in FIG. 6A.
- Drill the mounting holes using a **5/16" DRILL BIT**.
- Reach behind the dash to secure the indicators using the supplied washers and nuts. [SEE FIGS. 6A & 6C]

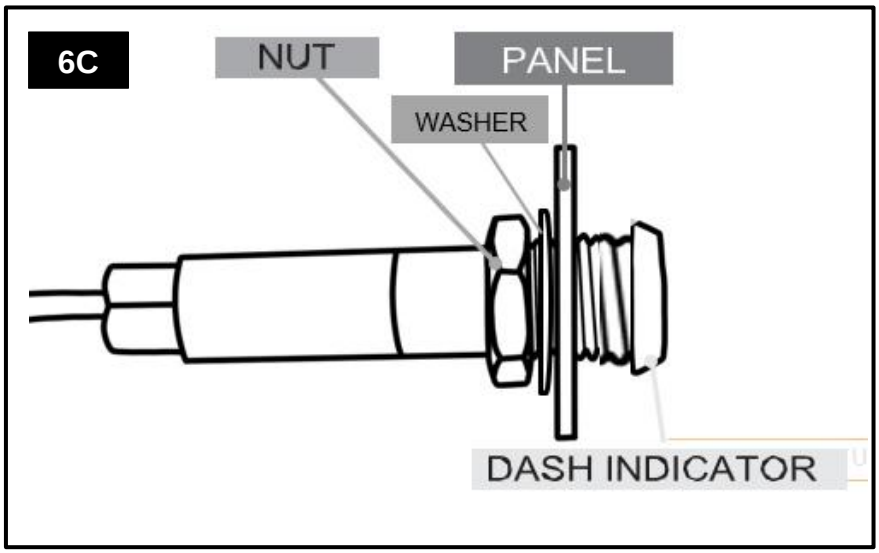
6A



6B



6C



SCAN FOR TECH TIP

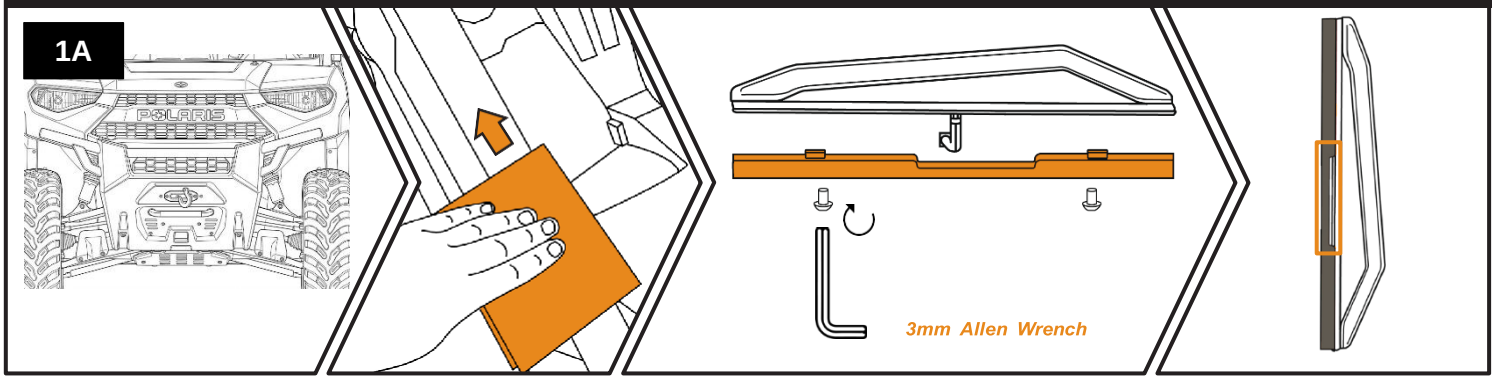
3 INSTALL APEX LIGHTS

A ROLL BAR MOUNTING

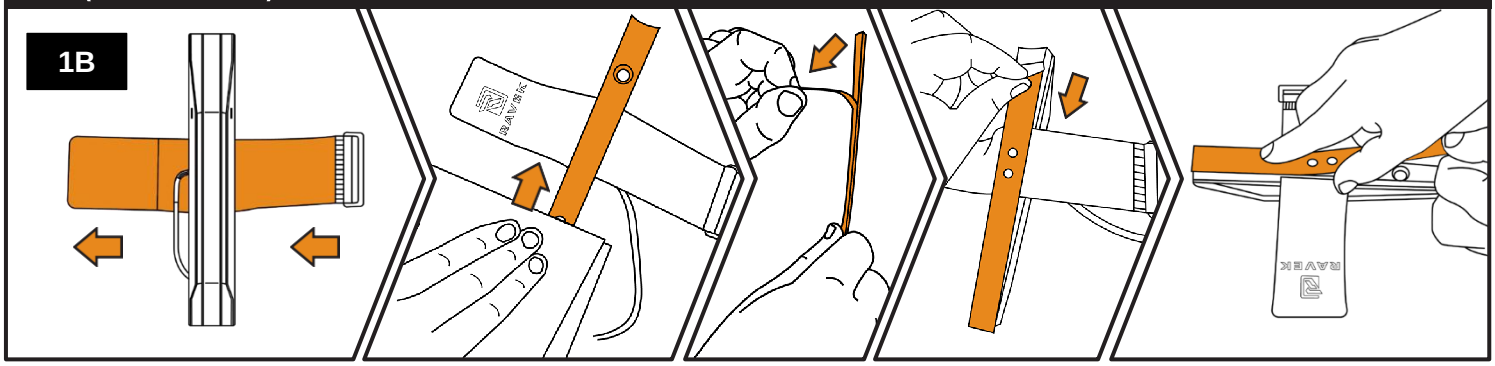
1

- Prepare the roll bar mounting surface on the front bumper of your Pioneer (if applicable).
  - Use the supplied alcohol wipe first, followed by the adhesive promoter wipe.
  - Clean the area thoroughly and allow all surfaces to dry completely.
- Install the roll bar adapter onto the base of the light using a 3 mm Allen wrench and the two small screws provided.
- Apply the supplied double-sided tape to the base of the roll bar adapter, with the non-3M side adhered to the adapter. [SEE FIGS. 1A & 1B]
- (Optional) Install the provided strap between the light and the adapter for added security. The strap is not required.

PREP BUMPER SURFACE AND INSTALL ROLL BAR ADAPTOR TO APEX LIGHT



(OPTIONAL) INSTALL STRAP TO LIGHT AND STICK TAPE TO ROLL BAR ADAPTOR

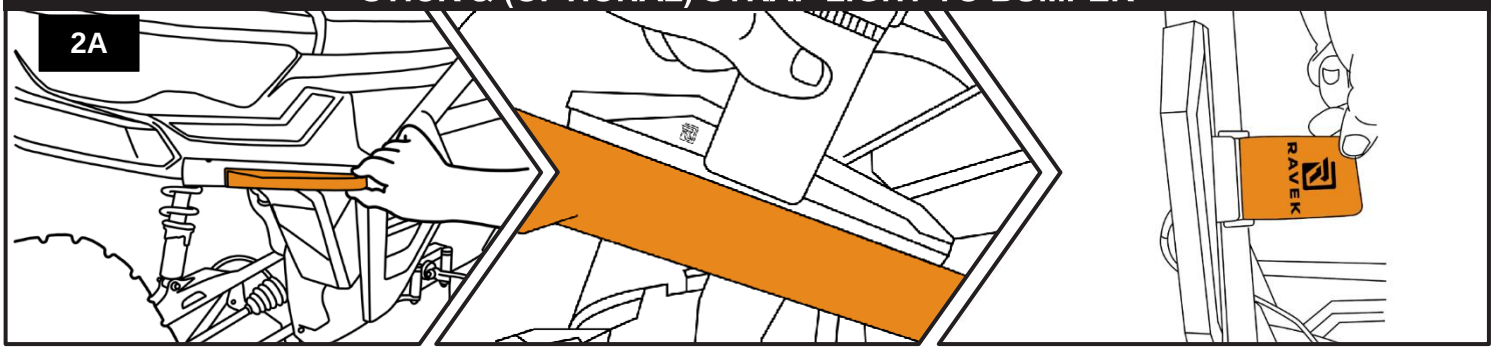


2

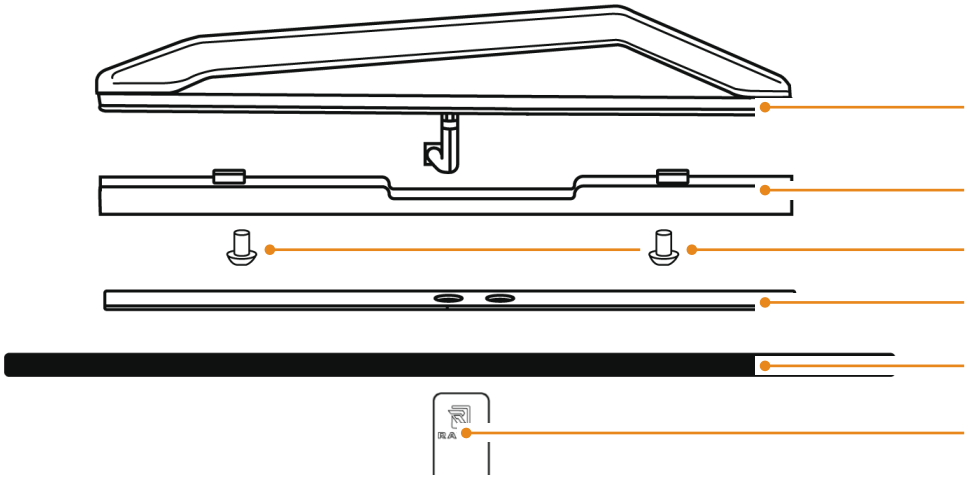
- Peel off the 3M backing from the tape and adhere the light assembly to the bumper.
- Apply firm, even pressure to ensure proper adhesion.
- (Optional) Secure the light with the provided strap for additional support. [SEE FIG. 2A]

STICK & (OPTIONAL) STRAP LIGHT TO BUMPER

2A



EXPLODED VIEW OF MOUNTING



APEX LIGHT

ROLL BAR ADAPTOR

ALLEN SCREWS

DOUBLE SIDED TAPE

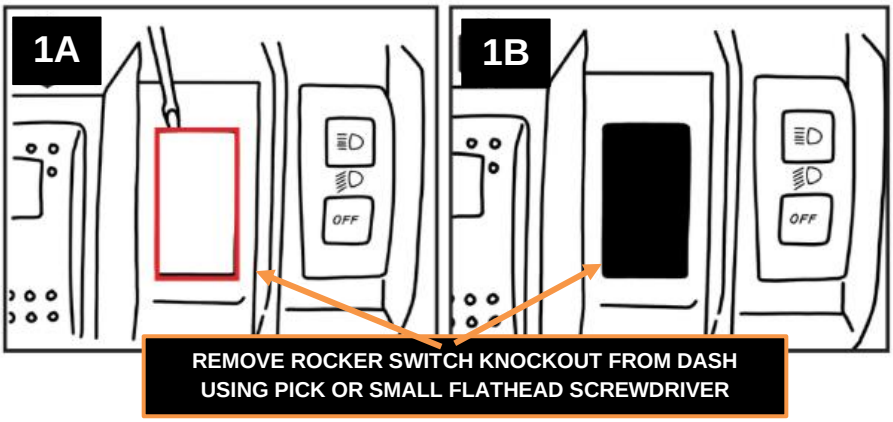
PREPPED ROLL BAR

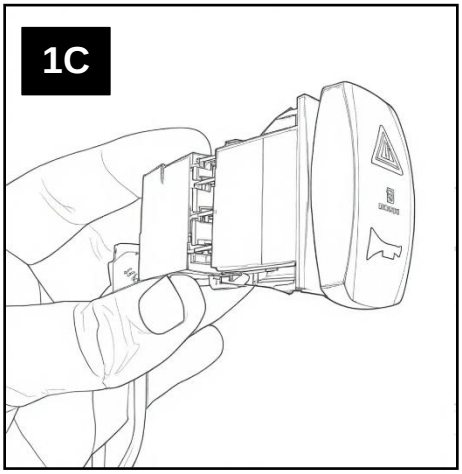
STRAP: GOES IN BETWEEN APEX LIGHT AND ROLL BAR ADAPTER (OPTIONAL)

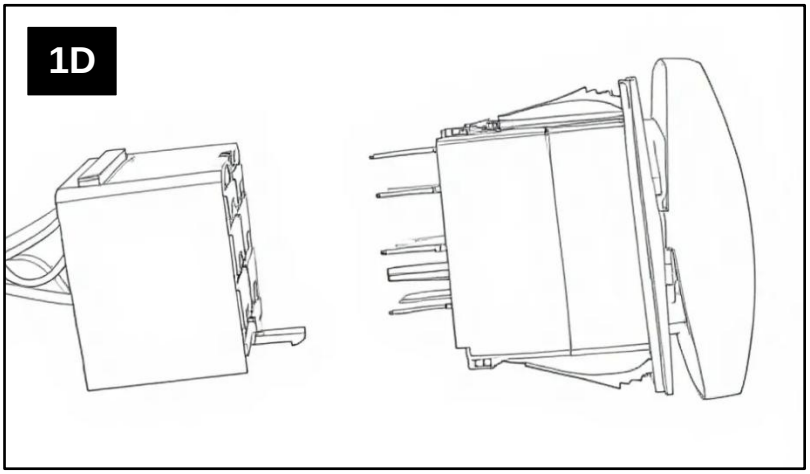
4 INSTALL ROCKER SWITCHES

1

- 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]





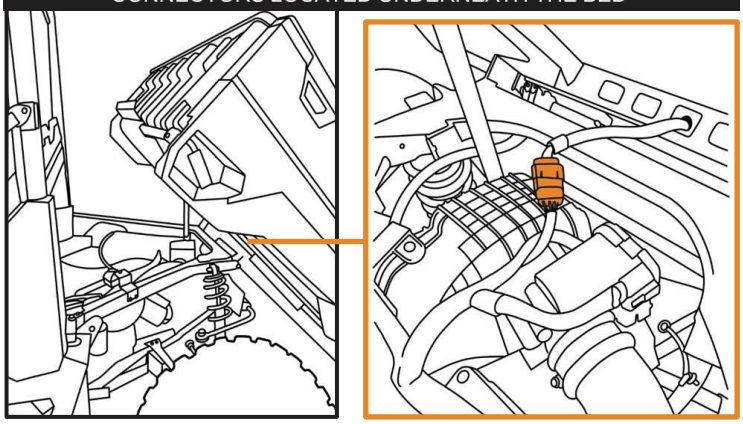


5 REAR CONNECTIONS

1

- Dump the bed of your Ranger to access the OEM multipin harness near the engine bay.
- Unplug the OEM multipin harness. [SEE FIG. 1A]
- Plug the supplied rear harness in-line with the OEM multipin harness. [SEE FIG. 1B & DIAGRAM A]
- Connect the wireless receiver to the following connectors on the rear harness:
  - 4-pin connector labeled “REAR EXTENSION.”
  - 2-pin connector labeled “LIC. PLATE”

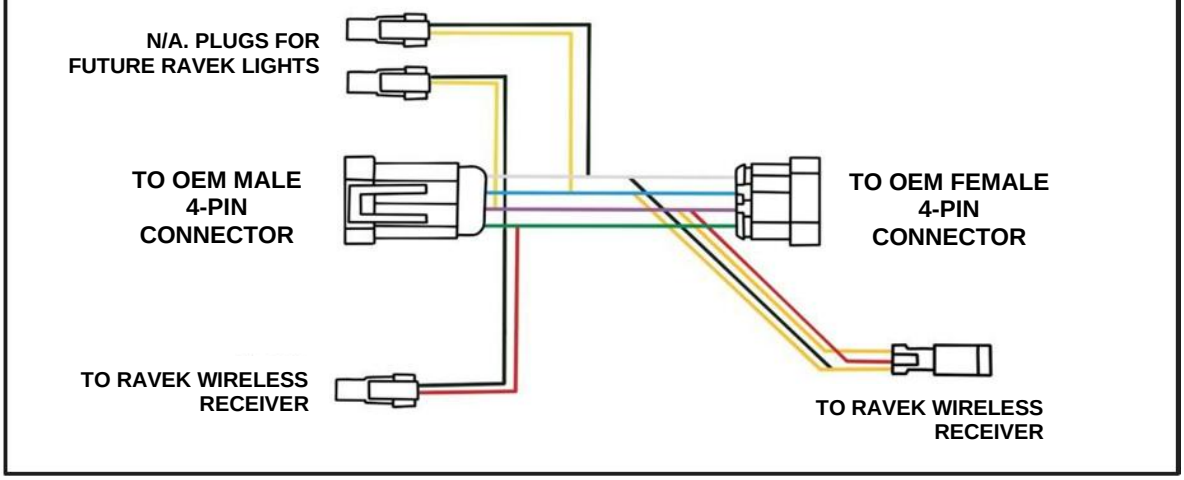
1A PLUG THE REAR HARNESS INLINE WITH CONNECTORS LOCATED UNDERNEATH THE BED



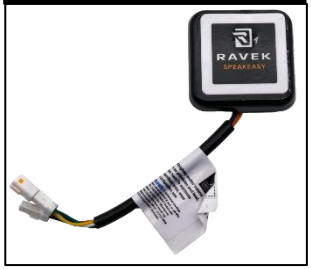
1B REAR HARNESS SUPPLIED

REAR HARNESS DIAGRAM

DIAGRAM A



WIRELESS RECEIVER SUPPLIED

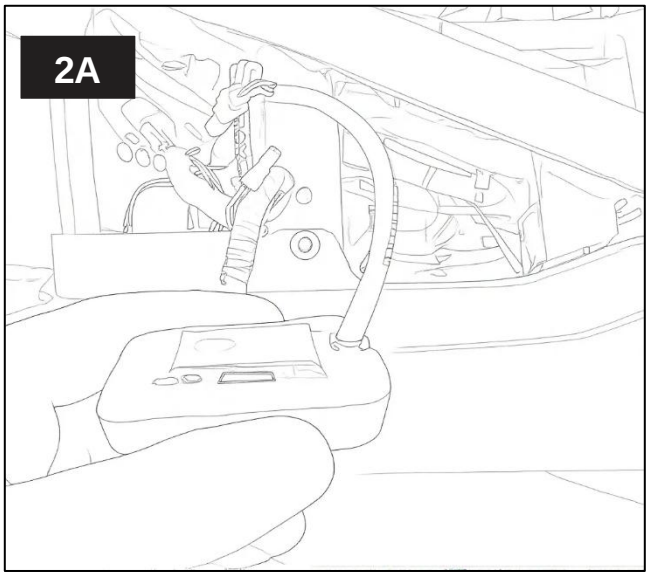


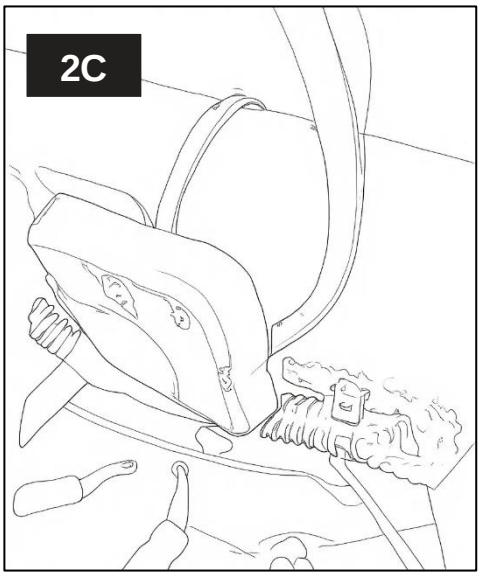
SCAN FOR TECH TIP

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.



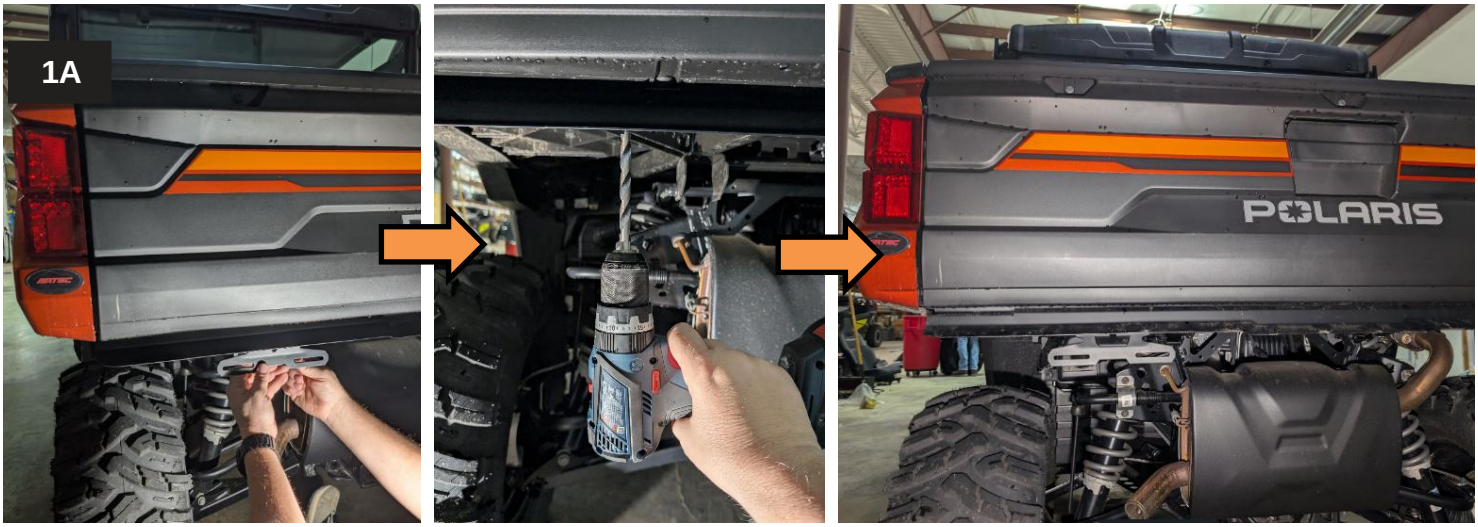


6 LICENSE PLATE BRACKET

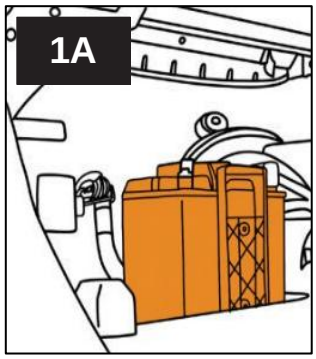
1

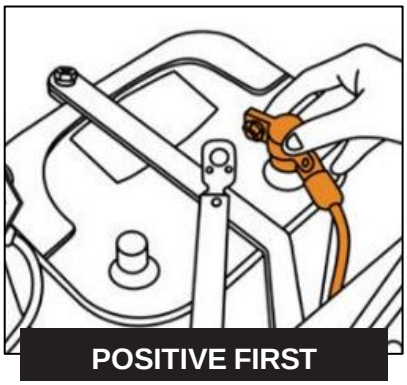
- Position the license plate bracket on the rear frame area under the tailgate (left side as shown in FIG. 1A).
- Hold the bracket in place and mark the two mounting hole locations using a marking tool.
- Remove the bracket and drill both marked locations using a 1/4” drill bit.
- Reposition the license plate bracket over the drilled holes.
- Insert the supplied bolts through the bracket and the frame.
- On the opposite side, thread the nuts onto the bolts.
- Tighten the nuts using a **10 MM WRENCH**, while holding the bolt head with a second **10 MM WRENCH** to secure it properly.

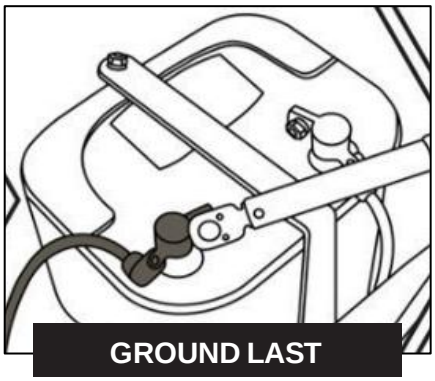
1A



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




POSITIVE FIRST


GROUND LAST

8 TEST YOUR LIGHTS

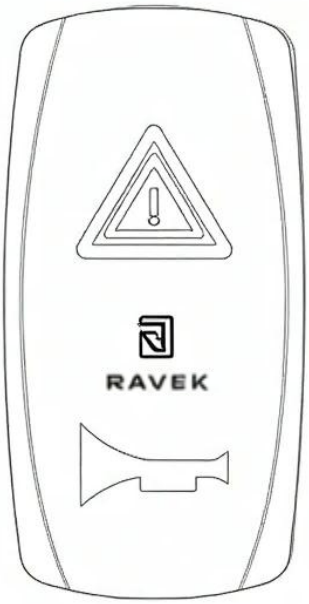
1

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

- **Hazard Lights:** Press the **Hazards** icon on the Horn/Hazards rocker switch to activate the hazard lights.
- **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.
- **Running brake lights**
- **Running white lights**
- **Brake light w/ pulse effect**
- **Left turn signal dash indicator**
- **Right turn signal dash indicator**

1A

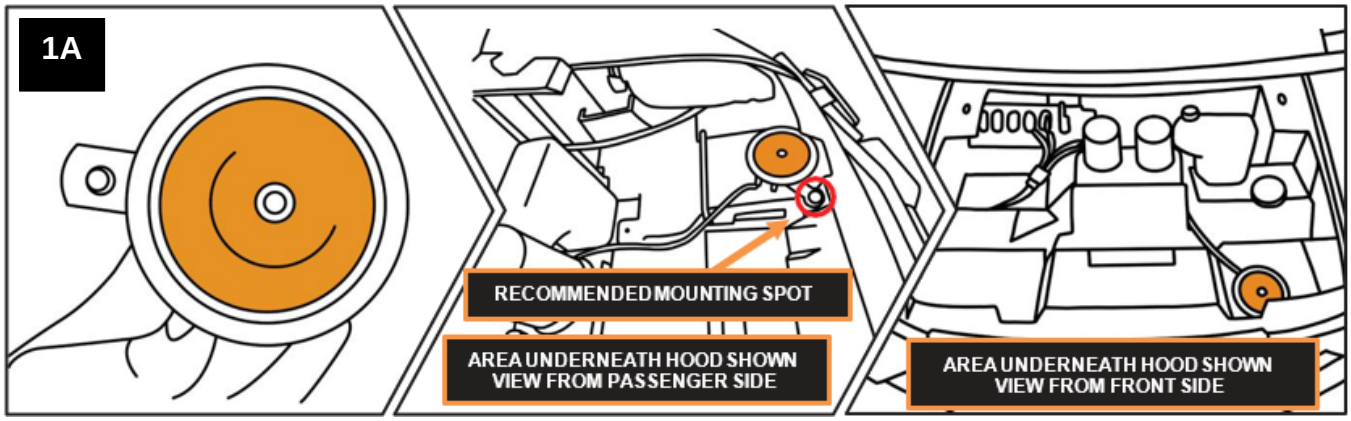
1B

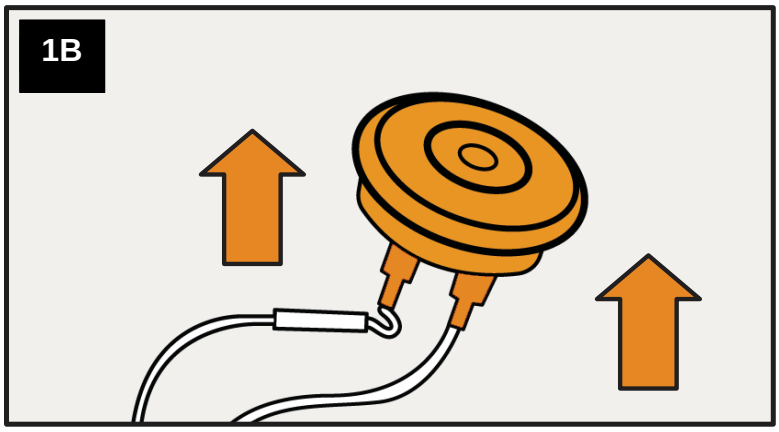


9 INSTALL YOUR HORN

1

- Under the hood, locate recommended mounting bolt shown in FIG. 1A.
- Position the horn in place and mount it using the OEM hardware (use **T-30 TORX** to first remove and then secure the bolt with the horn installed) Tighten the hardware securely to prevent movement.
- Ensure the horn is not touching any surrounding surfaces or panels, as contact can 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 plugged in). [SEE FIG. 1B]



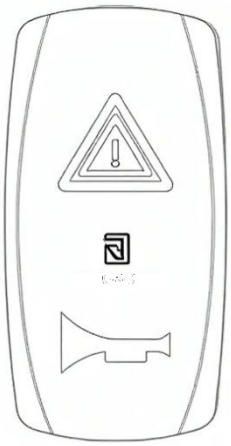


10 TEST YOUR HORN

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

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

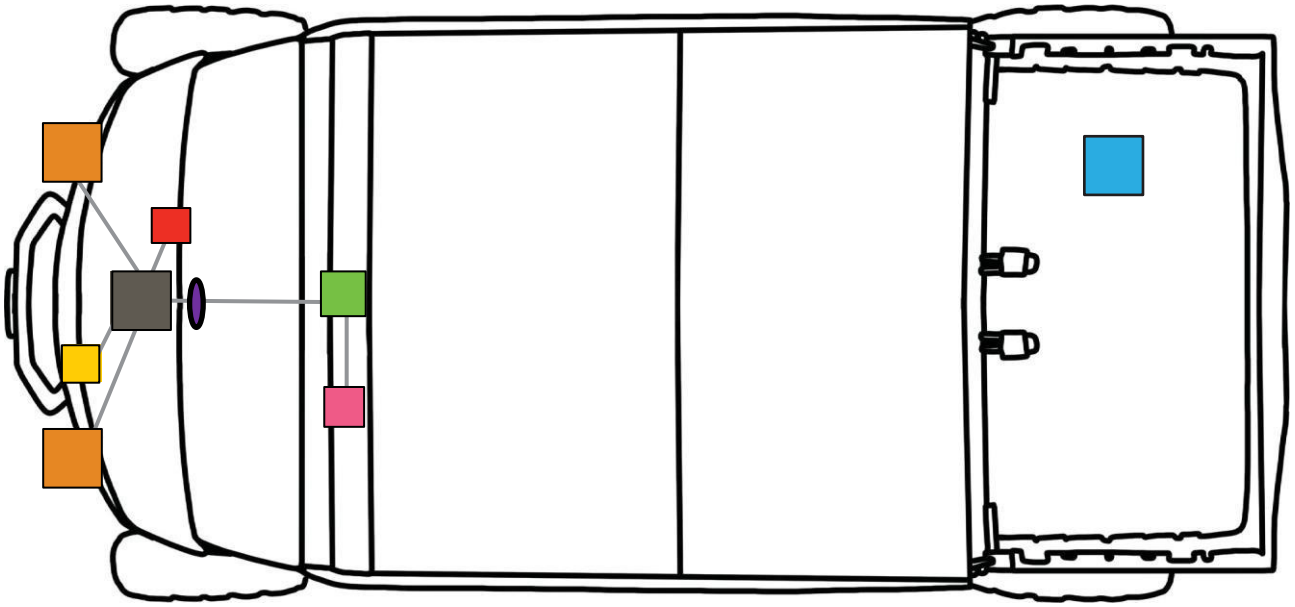
1A



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

1 See FIG. 1A for the Kit Overview Diagram.

1A



APEX LIGHT

HORN

BUS BAR

DASH INDICATORS

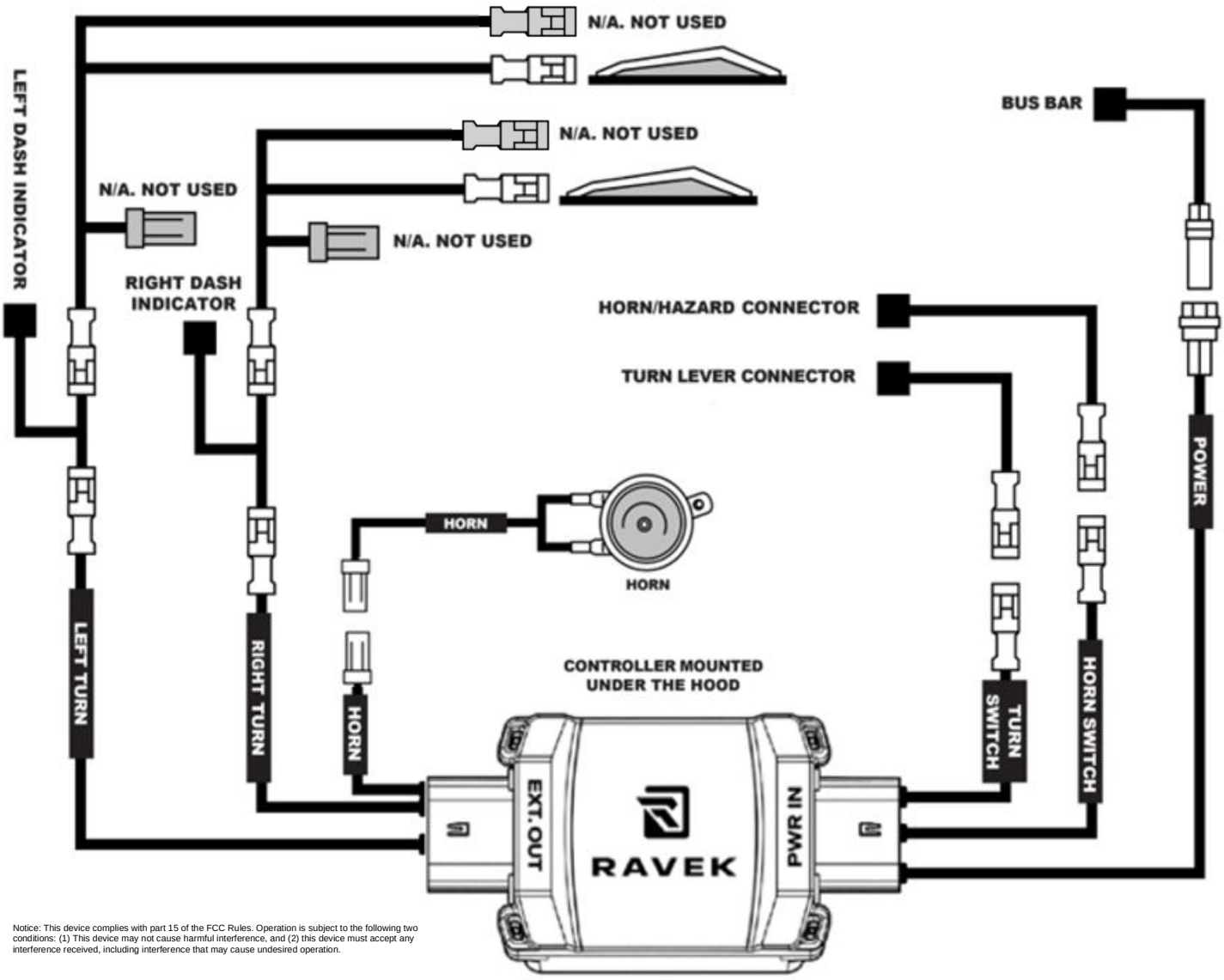
CONTROLLER

ROCKER SWITCHES

OEM MULTIPIN HARNESS CONNECTION POINT AND WIRELESS RECEIVER LOCATION

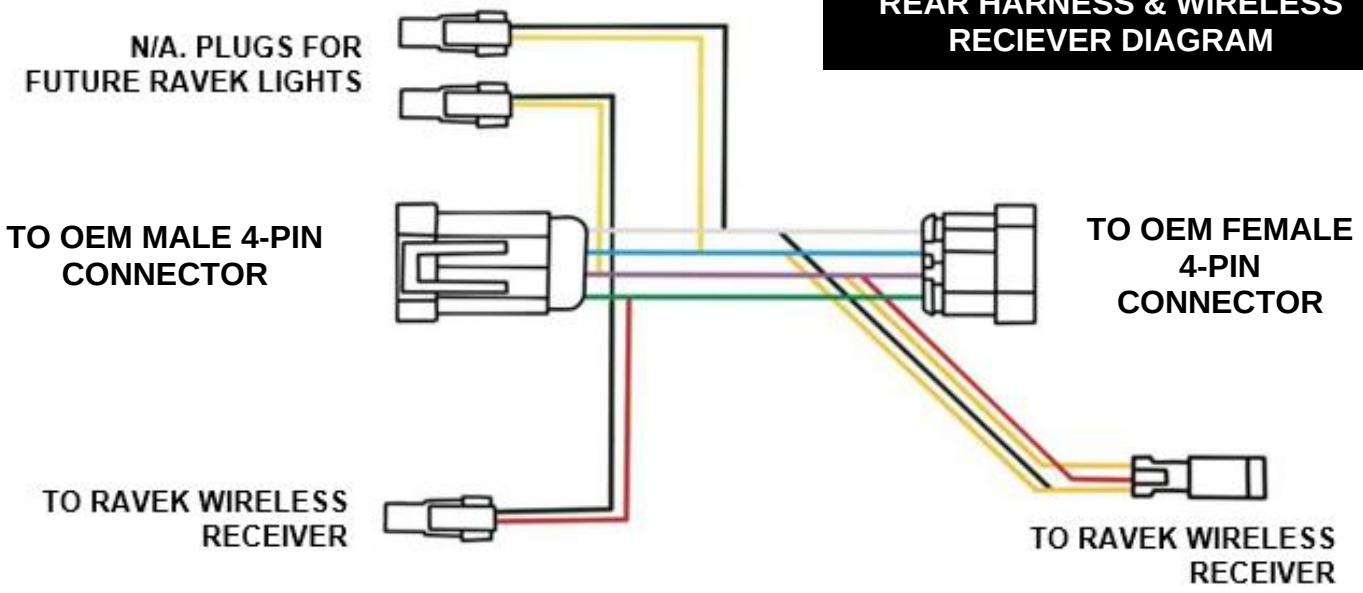
OEM FIREWALL GROMMET

RAVEK CONTROLLER WIRING DIAGRAM



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.

REAR HARNESS & WIRELESS RECIEVER DIAGRAM



RAVEK

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