



RAVEK

POLARIS RANGER PLUG & PLAY AUTOMATIC UTV TRUNK BED LIGHT KIT

RED/WHITE



INSTRUCTION MANUAL



RAVEK

POLARIS RANGER PLUG & PLAY AUTOMATIC UTV TRUNK BED LIGHT KIT

Part #: 64-108 / 64-108R

Fitment: POLARIS RANGER 2017+

TOOLS NEEDED:



*Side Cutter
Pliers*



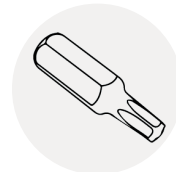
*Heat Gun/
Lighter*



*Push Pin
Pliers*



*T-30
Torx*



*T-40
Torx*



*12mm
Wrench*



*Small Flathead
Screwdriver*



*5/16"
Drill Bit*



Drill



Ratchet



*10mm
Socket*

PARTS INCLUDED:

- UTV Trunk Bed Light (4x)
- Power Harness (1x)
- Extension Harness (2x)
- Dielectric Grease (1x)
- Adhesive Promotor Wipe (4x)
- Rubbing Alcohol Wipe (4x)
- Heat Shrink (1x)
- Wire Tie (8x)
- Rocker Switch Adapter (1x)

INSTALL VIDEO TUTORIAL

**DON'T LIKE INSTRUCTIONS?
VISIT OUR WEBSITE
TO ACCESS THE
VIDEO TUTORIAL.**



NOTE: Throughout this process, be sure to keep track of any screws or fasteners you remove as they will be re-installed in the same location.

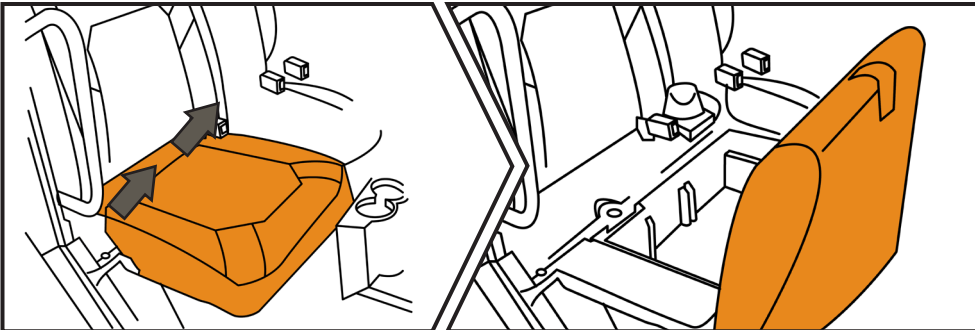
NOTE: Make sure your vehicle is off and key is out of the ignition before starting.

NOTE: Dielectric grease is provided, and you can use it for added protection.

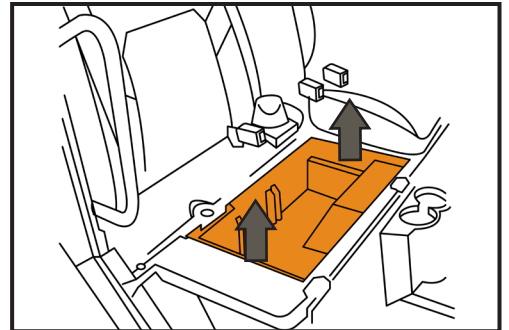
1

PREP THE VEHICLE

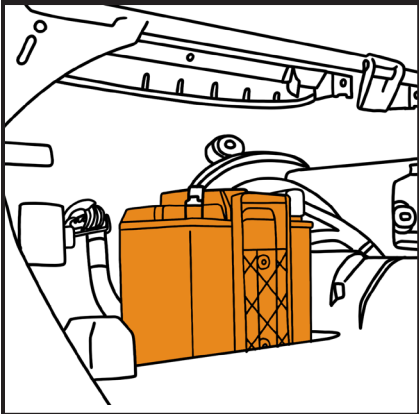
LIFT SEAT UP



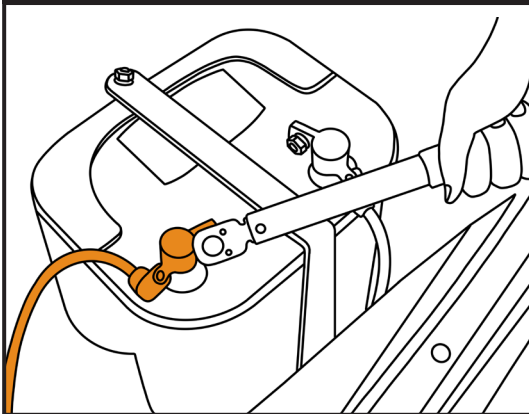
REMOVE UNDERSEAT TRAY



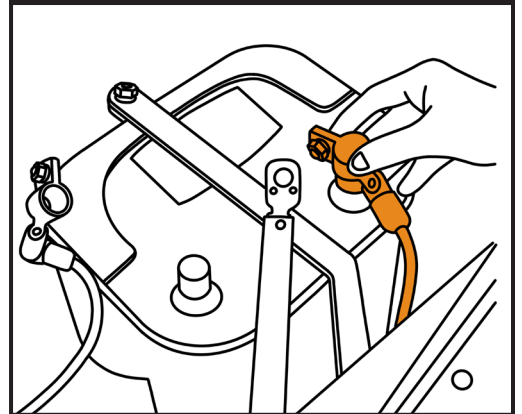
LOCATE BATTERY



DISCONNECT NEGATIVE FIRST



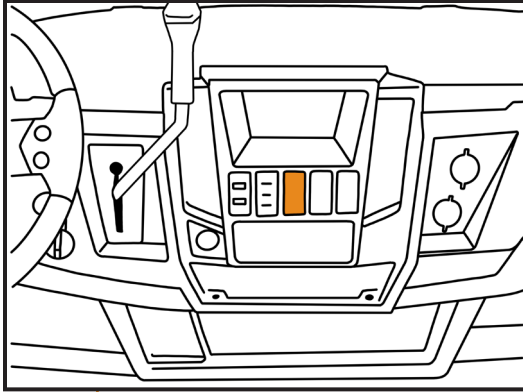
DISCONNECT POSITIVE NEXT



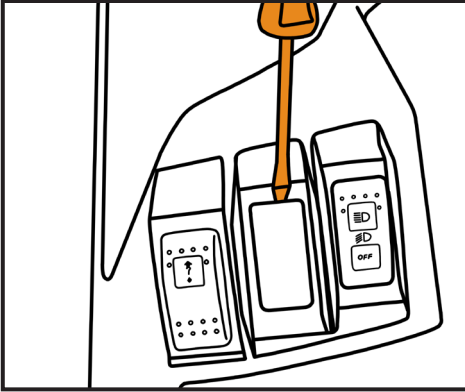
i

Access your Ranger's battery and disconnect the negative terminal first, then the positive.

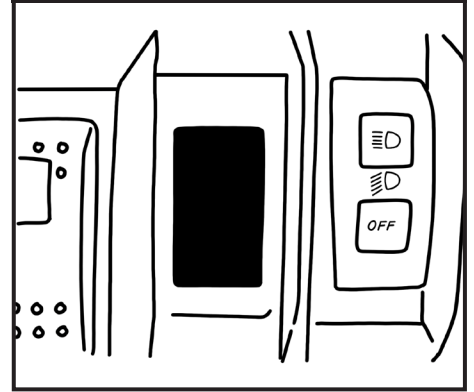
LOCATE A ROCKER SWITCH KNOCKOUT



REMOVE KNOCKOUT



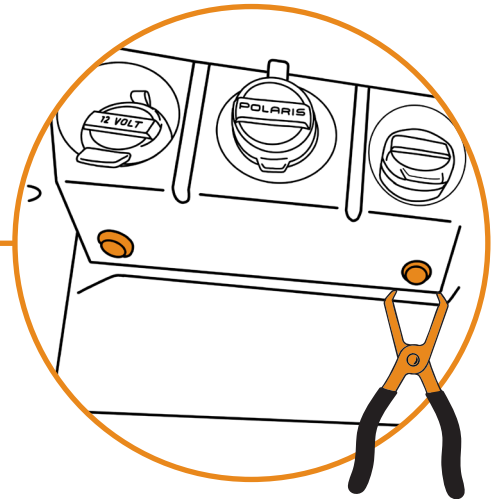
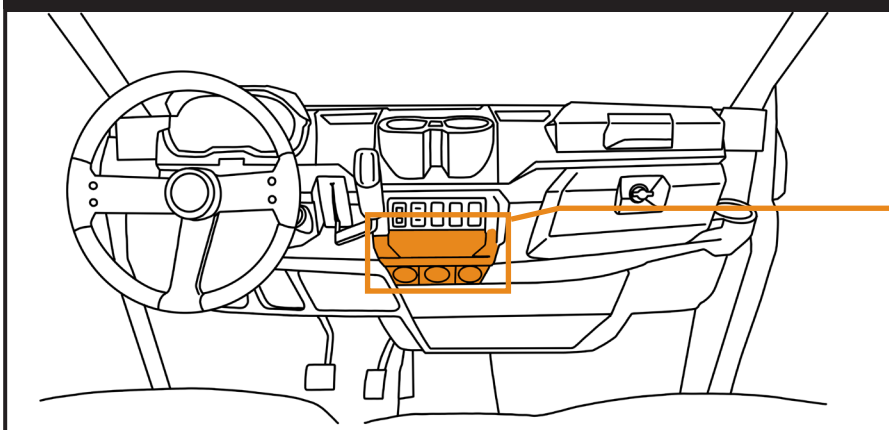
OPEN ROCKER SWITCH SLOT



ii

Find an open rocker switch knockout on the UTV dashboard.
Use a flathead screwdriver to carefully remove it.

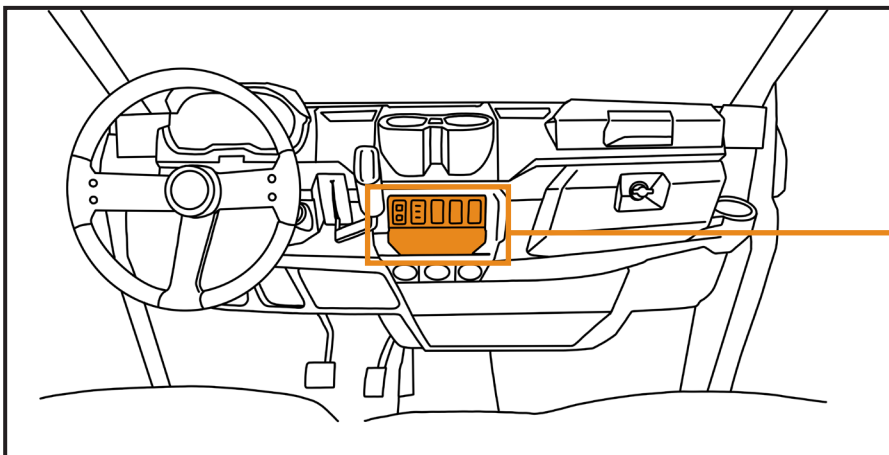
REMOVE PUSH PINS ON SWITCH PANEL



iii

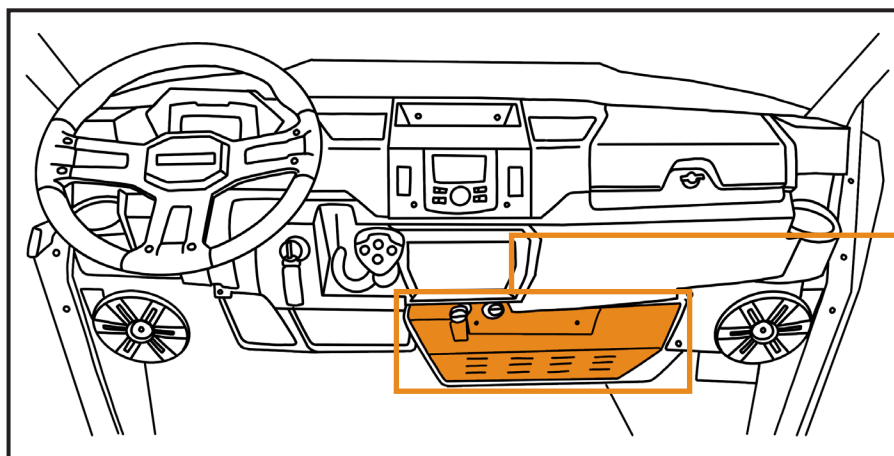
Use push pin pliers to remove two push pins under the rocker switch panel.

UNDERSIDE VIEW

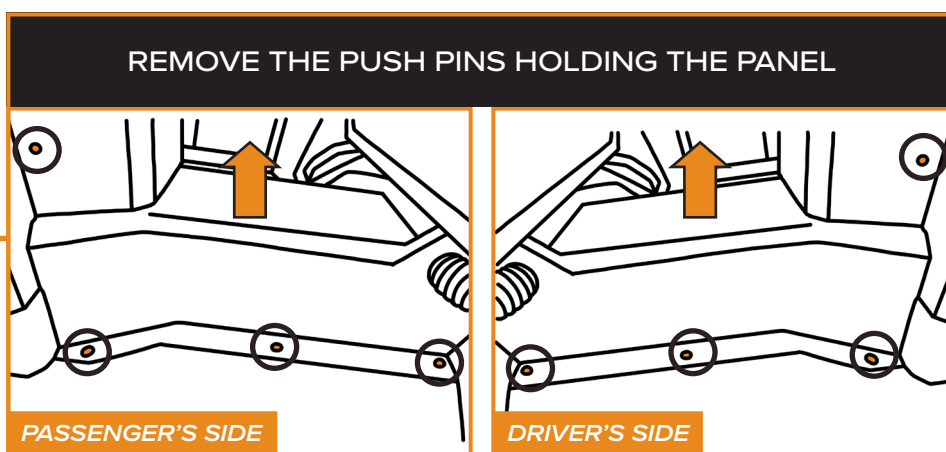
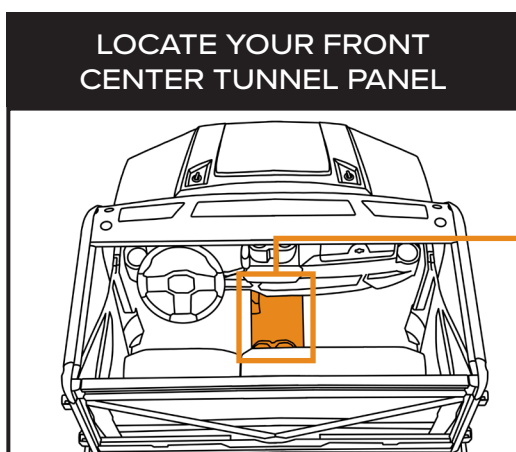


iv

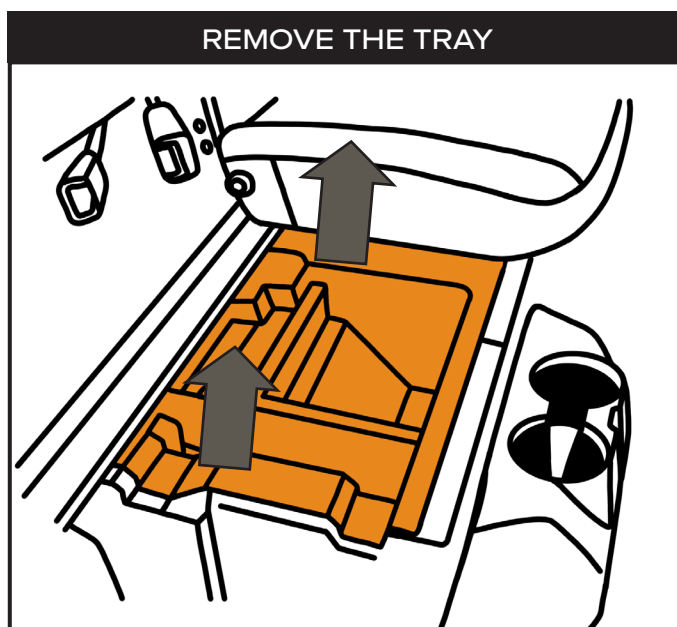
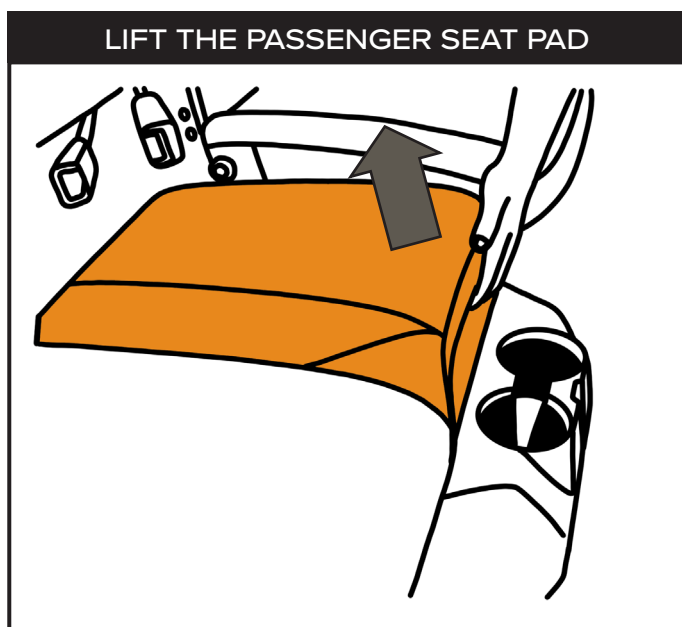
Open the panel and let it rest without unplugging any switches.



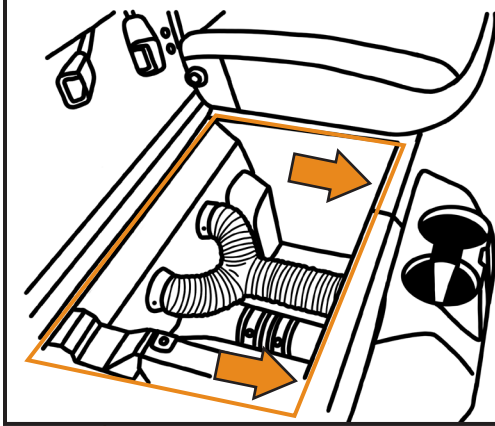
- v** Use push pin pliers to remove two push pins from the lower dash panel.



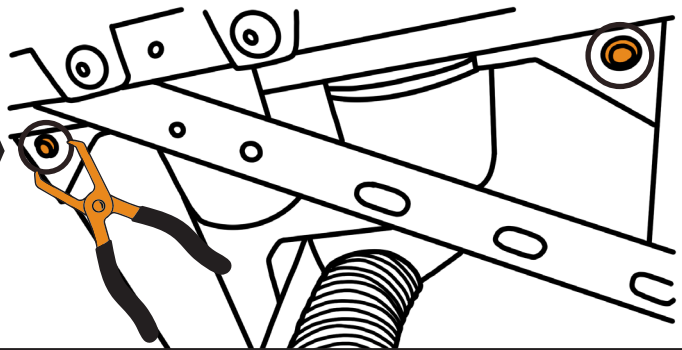
- vi** Remove the eight visible push pins holding the front center tunnel panel.



ACCESS UNDERSEAT CAVITY



REMOVE HIDDEN PUSH PINS

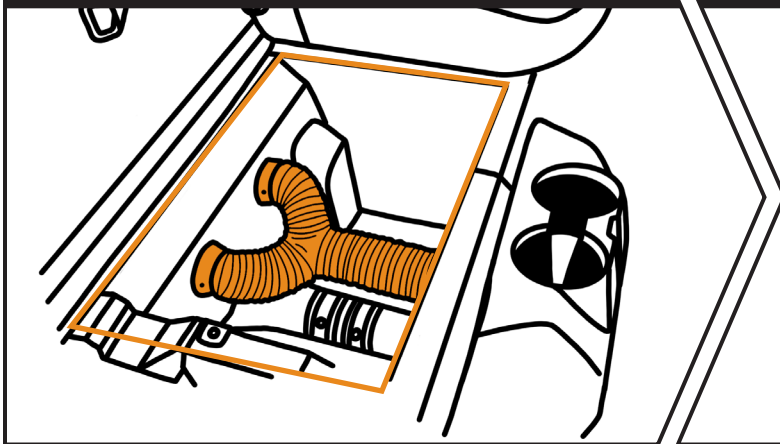


VIEW FROM INSIDE CENTER TUNNEL

vii

Lift the passenger seat and remove the tray to reveal the two hidden push pins that secure the front center console panel.

DISCONNECT AIR DUCTS (IF EQUIPPED)



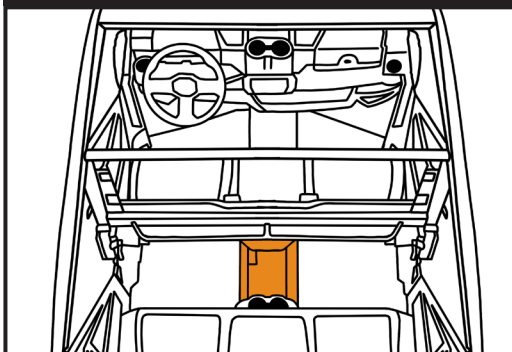
REMOVE AIR DUCTS



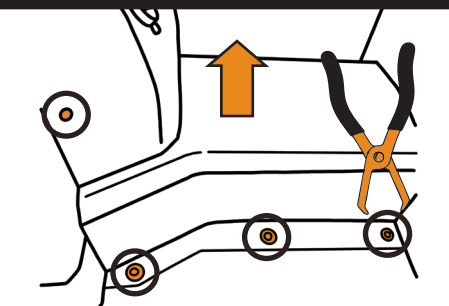
viii

If your Ranger has HVAC, remove the ducts before taking off the center tunnel panels.

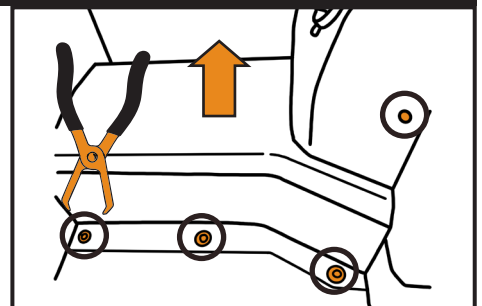
LOCATE YOUR FRONT CENTER TUNNEL PANEL



REMOVE THE PUSH PINS HOLDING THE PANEL



PASSENGER'S SIDE

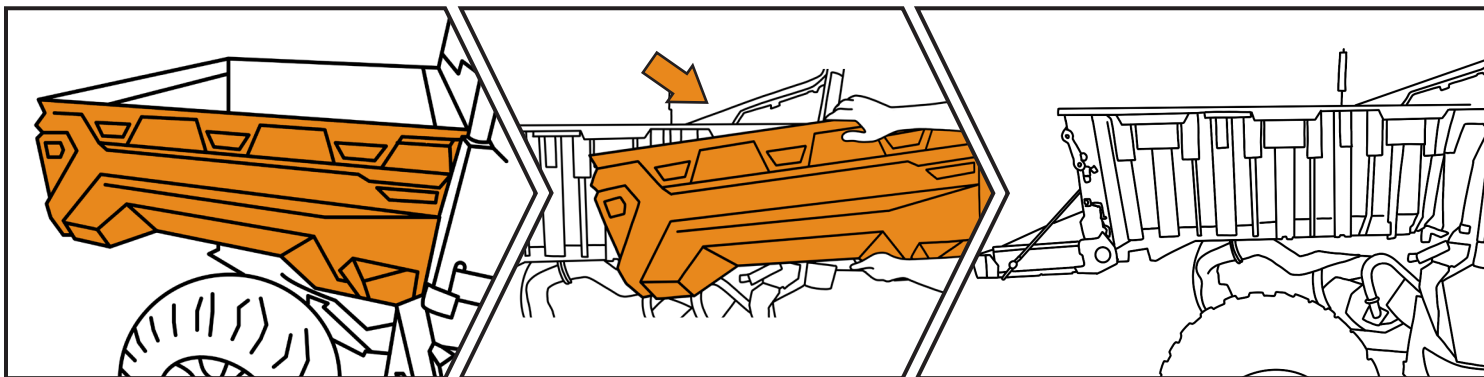
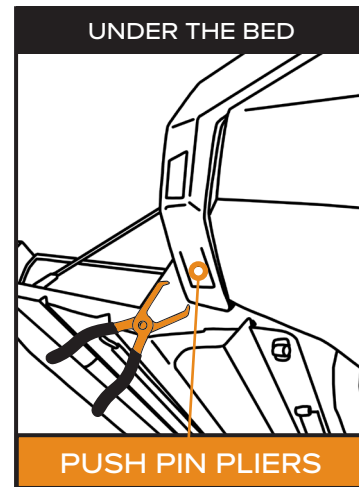
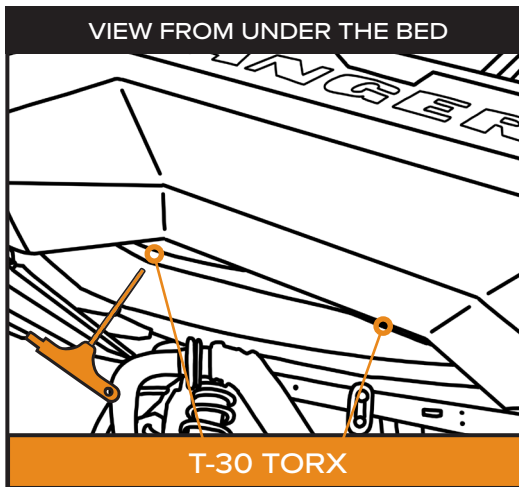
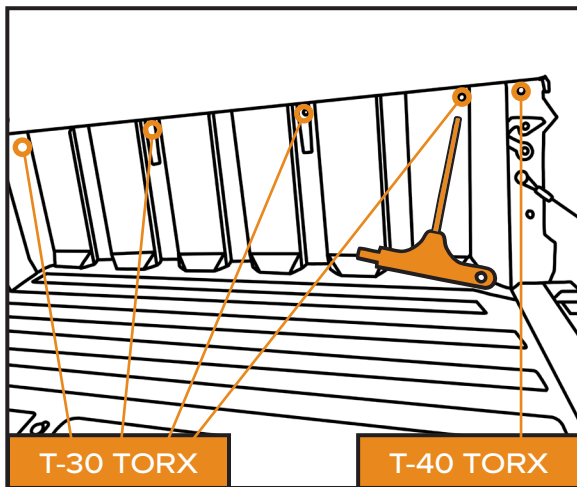


DRIVER'S SIDE

ix

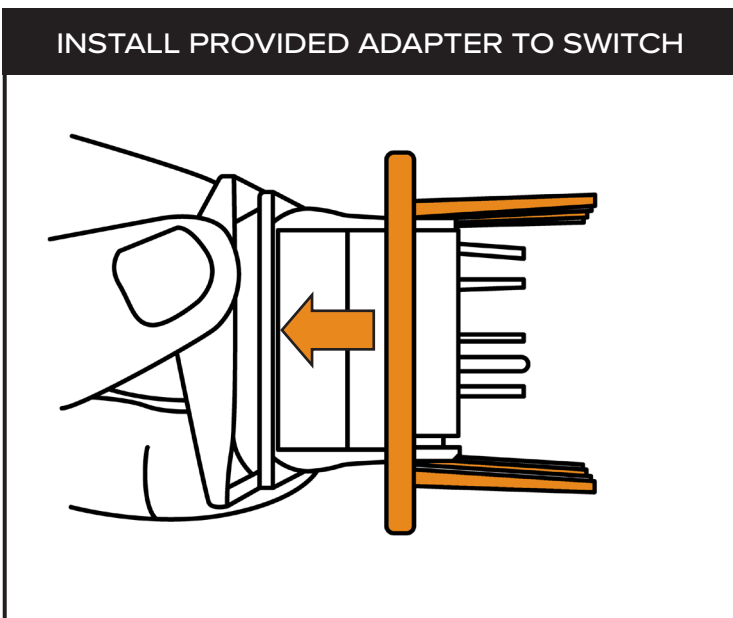
Remove the eight visible push pins securing the rear center tunnel panel, then take off the panel.

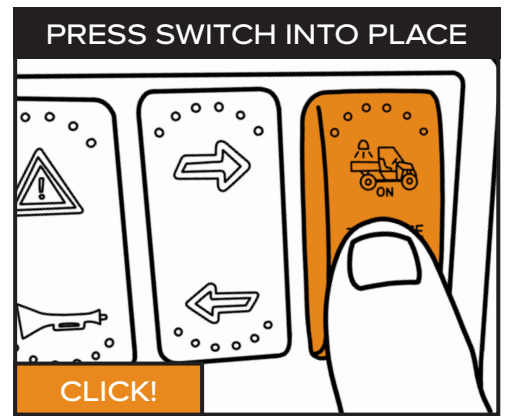
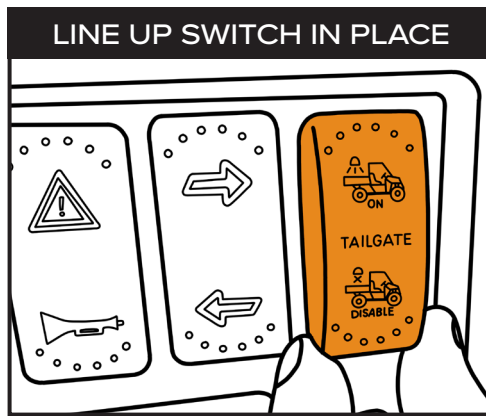
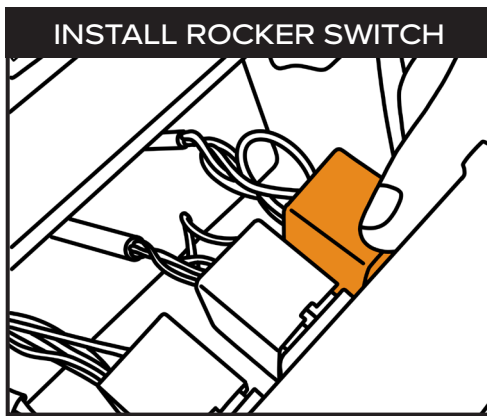
REMOVE FASTENERS TO TAKE OFF BED SIDE COVERS



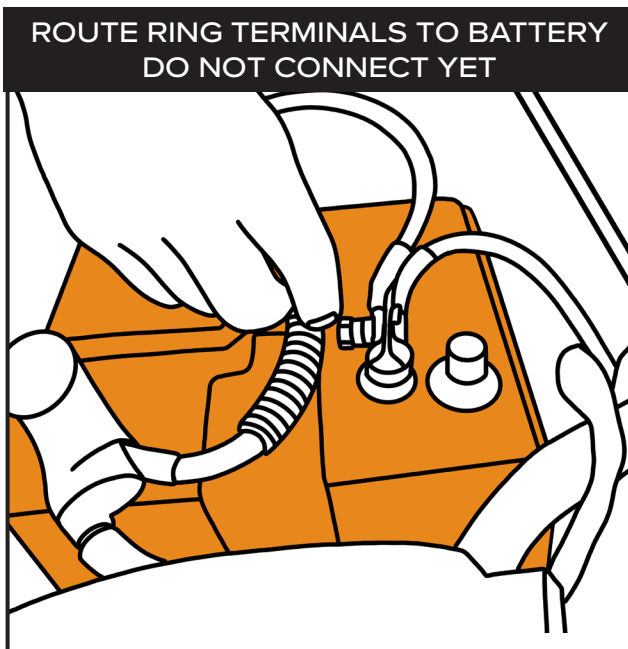
- X** Identify and remove the seven screws and one push pin securing the side covers of your Ranger's bed. Then, remove the side covers.

2 ROUTE WIRING

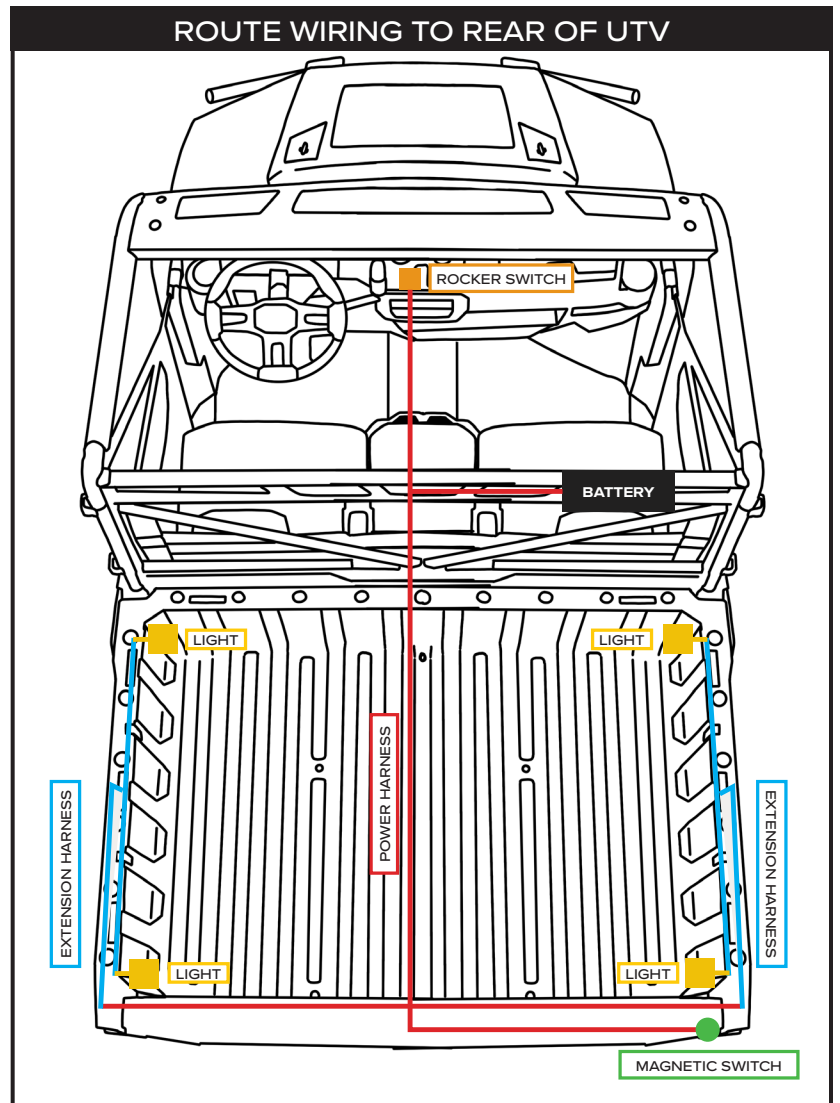




Attach the adapter to the rocker switch, then securely mount it in an available rocker switch slot.

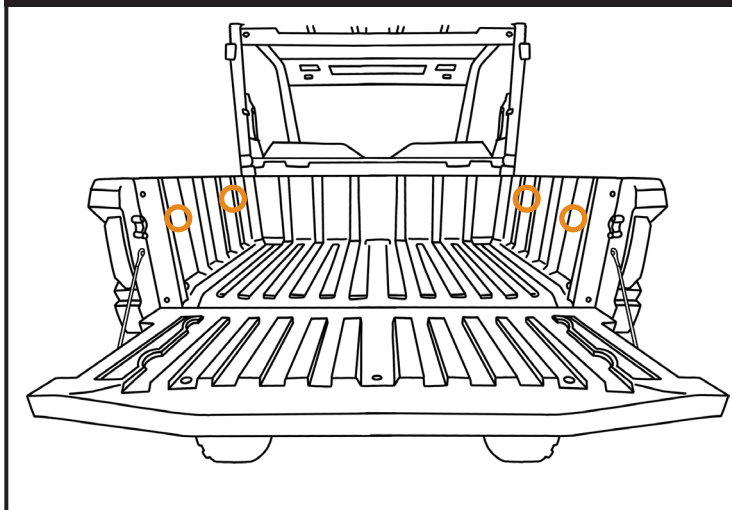


Only route the black and red ring terminals of the power harness to the battery, but don't connect them yet.

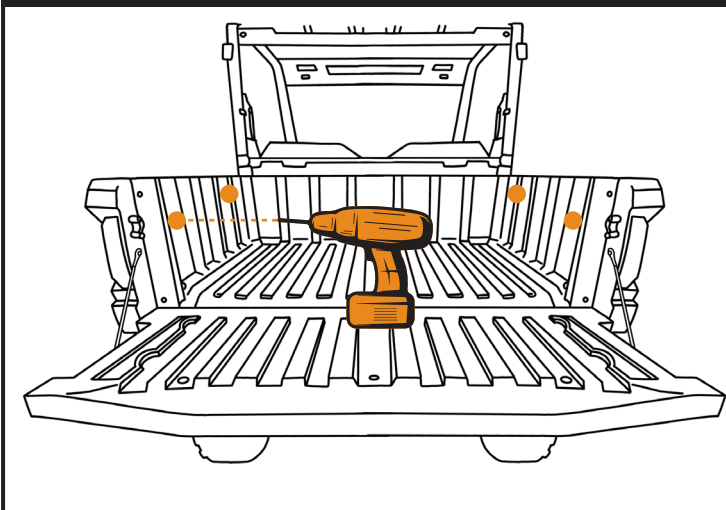


Run all the remaining wiring from the switch through the Ranger's center tunnels to the rear.

MARK LIGHT MOUNTING LOCATIONS



DRILL SELECTED SPOTS



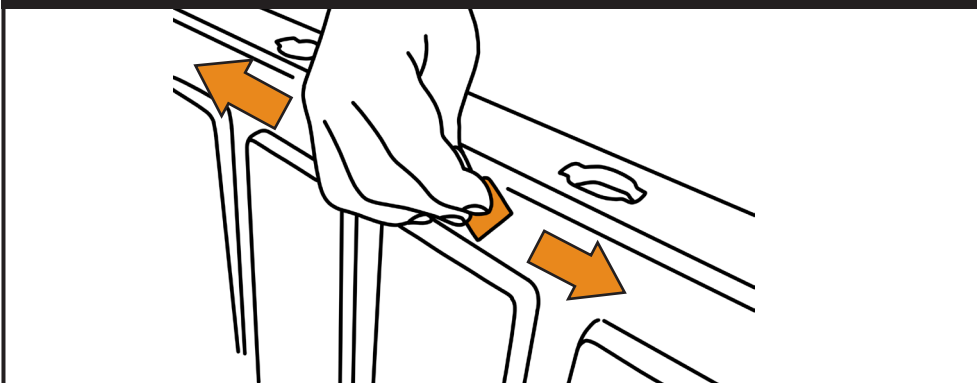
i

Find four flat areas for mounting the lights on your bed. Mark the spots for drilling based on your selected locations. Use a 5/16" drill bit.

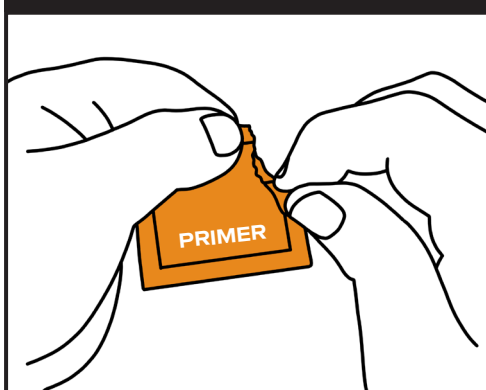
GRAB ALCOHOL WIPE FIRST



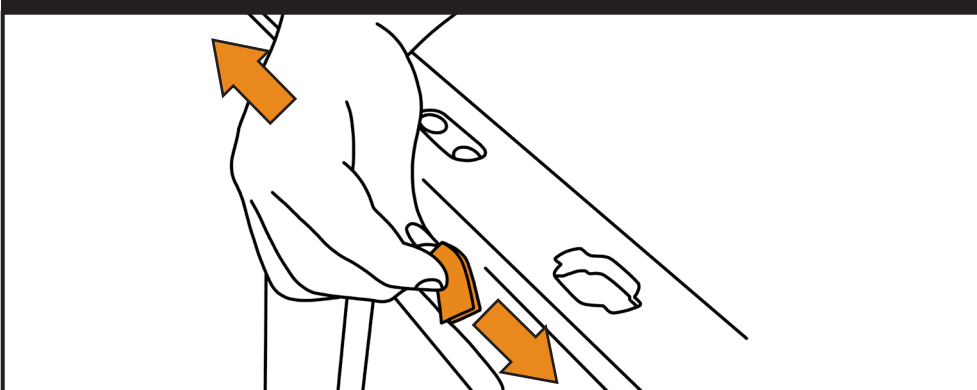
PREP LIGHT MOUNTING SURFACE WITH ALCOHOL WIPE FIRST



GRAB PRIMER WIPE



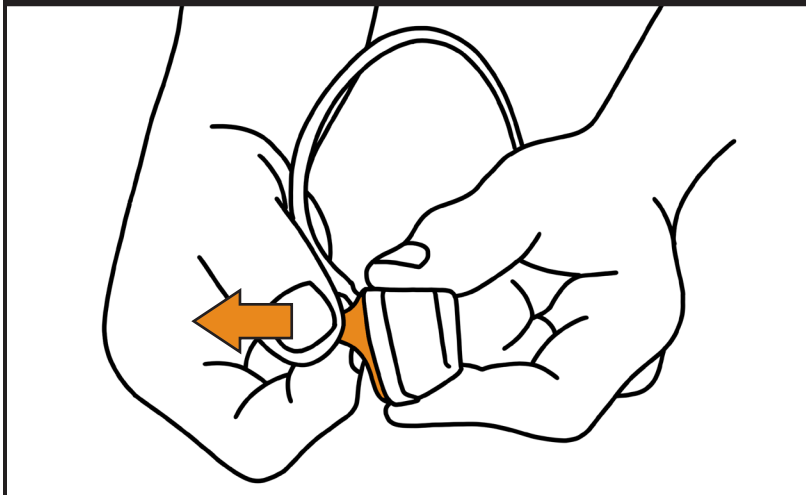
THEN WIPE SURFACE WITH PRIMER WIPE



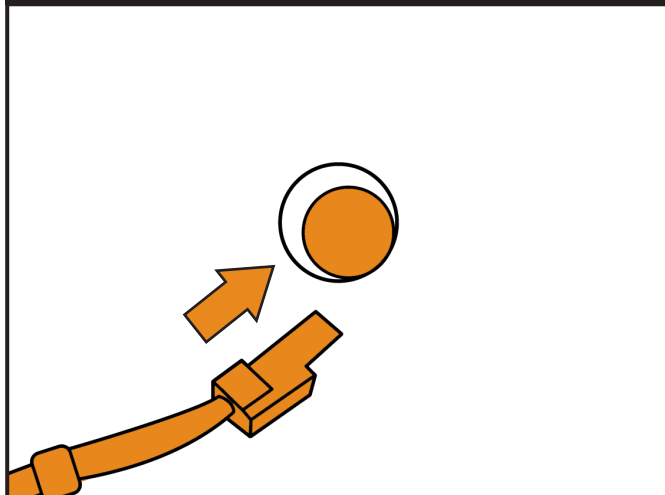
ii

Prep the drilled surfaces with the rubbing alcohol and primer wipes provided.

PEEL THE BACKING OF THE LIGHT



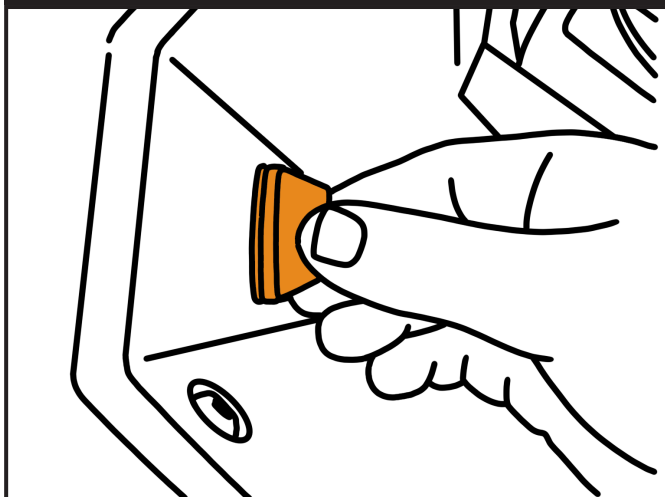
FEED WIRE THROUGH DRILLED HOLE



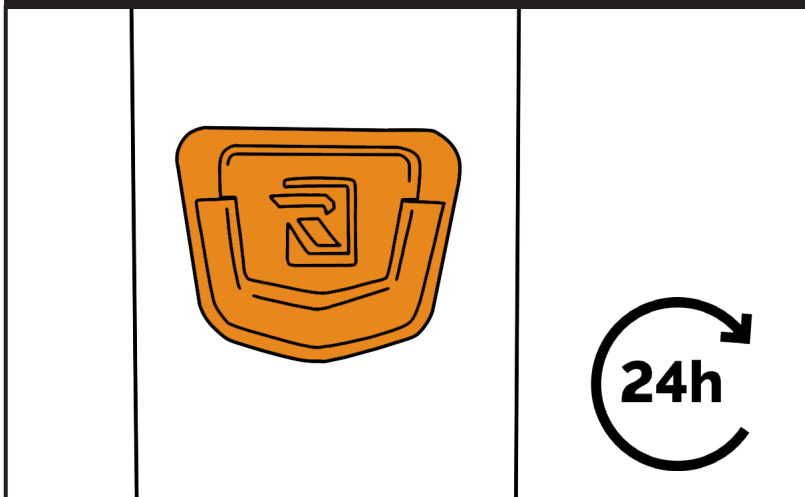
iii

Peel the backing from the double-sided tape on the trunk bed light's base and feed the light's wire through the drilled hole.

PRESS LIGHT ONTO PREPPED SURFACE



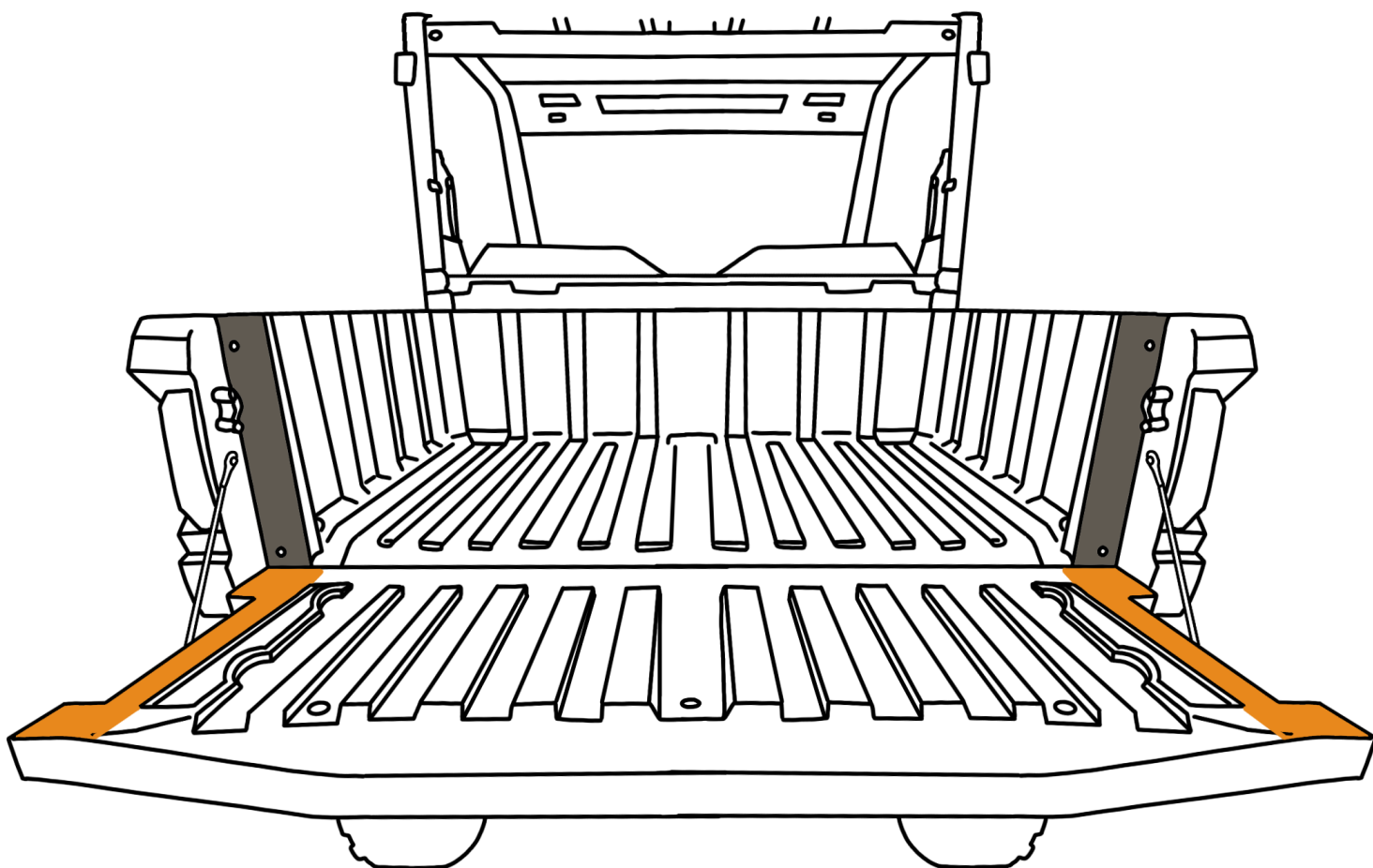
LET ADHESIVE CURE FOR 24 HOURS



iv

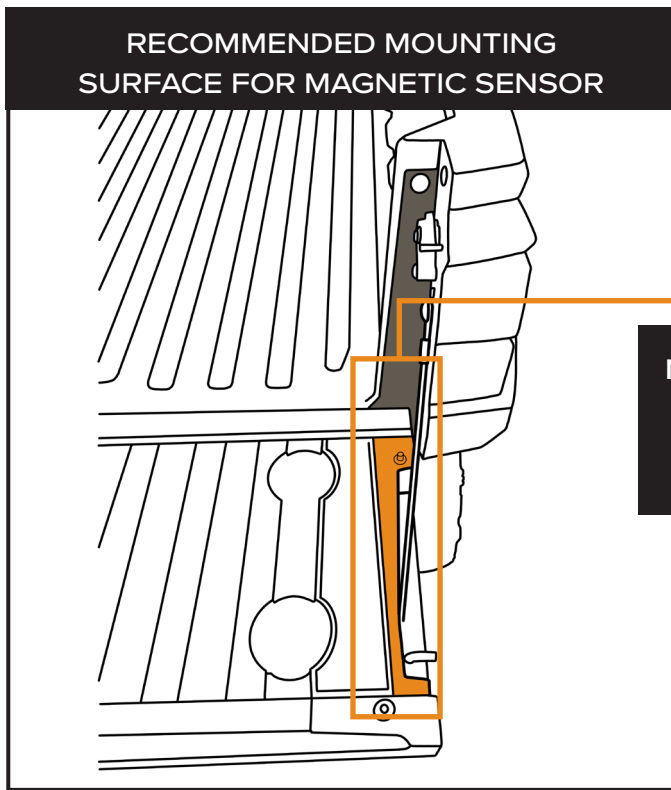
Firmly press the light onto the prepped surface, ensuring full contact, and hold for a few seconds to let the adhesive set.

FIND THE OPTIMAL LOCATION TO INSTALL YOUR MAGNETIC SENSOR



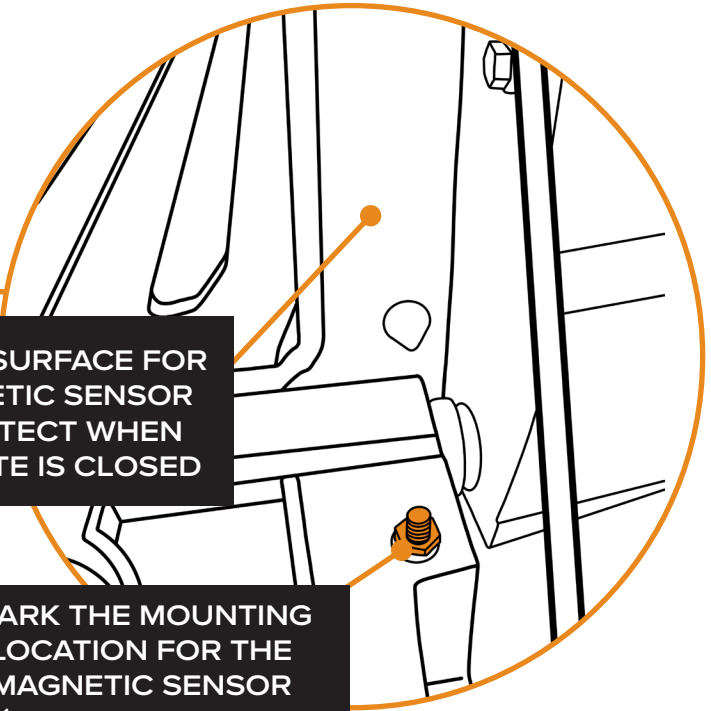
RECOMMENDED AREA TO
MOUNT MAGNETIC SENSOR

RECOMMENDED METAL
SURFACE FOR MAGNETIC
SENSOR TO DETECT

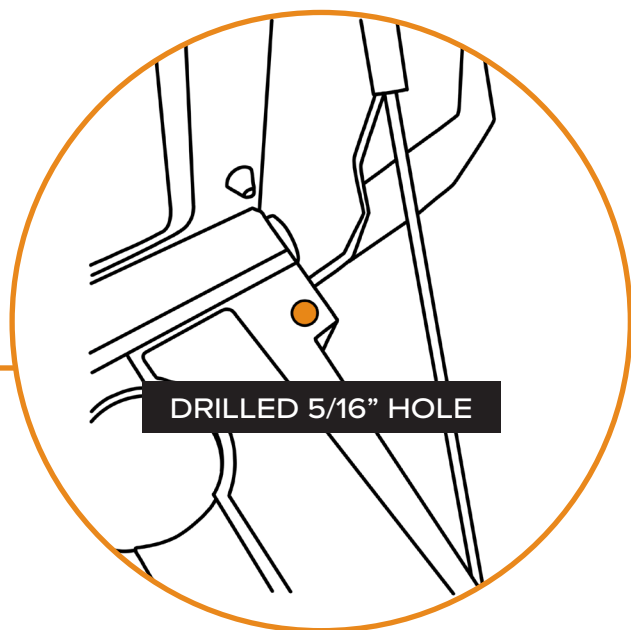
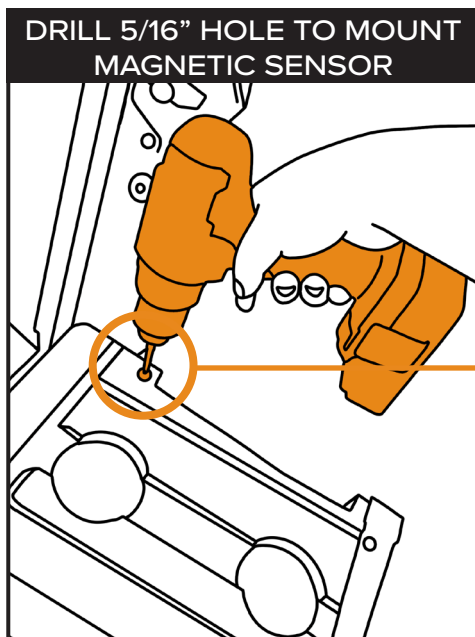


**METAL SURFACE FOR
MAGNETIC SENSOR
TO DETECT WHEN
TAILGATE IS CLOSED**

**MARK THE MOUNTING
LOCATION FOR THE
MAGNETIC SENSOR
(INSTALLED IN THE
FOLLOWING STEPS)**



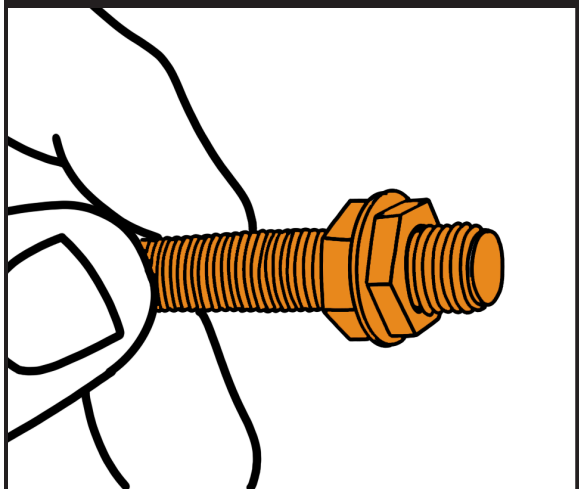
- i** Find a spot on your tailgate where you can securely mount the magnetic sensor. Ensure the magnetic sensor is close to a metal surface when the tailgate is closed.



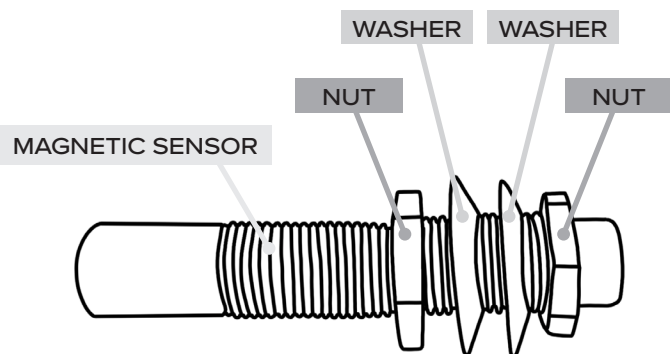
DRILLED 5/16" HOLE

- ii** Drill a 5/16" hole at your chosen mounting location for the magnetic sensor.

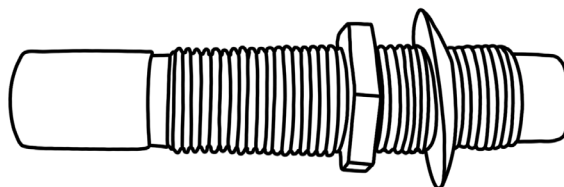
GRAB MAGNETIC SENSOR



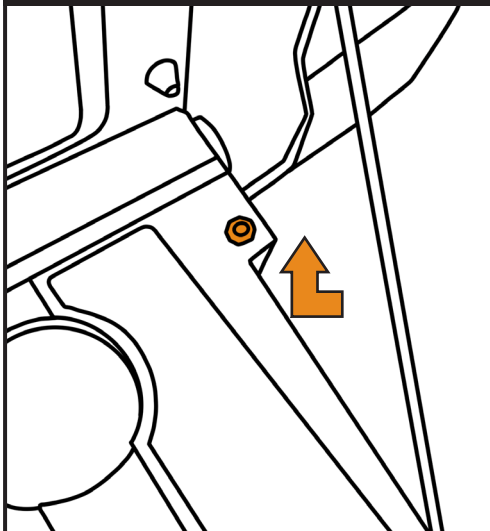
OVERVIEW OF MAGNETIC SENSOR



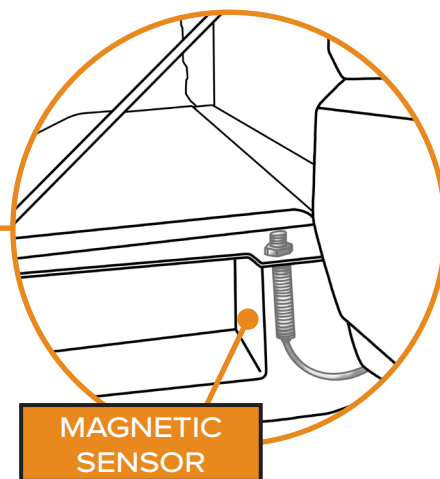
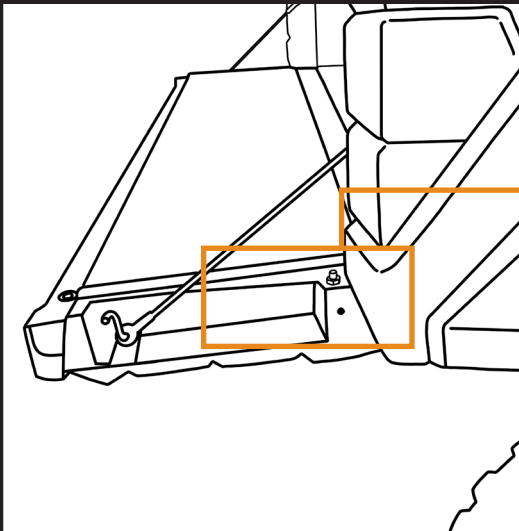
REMOVE TOP NUT AND WASHER

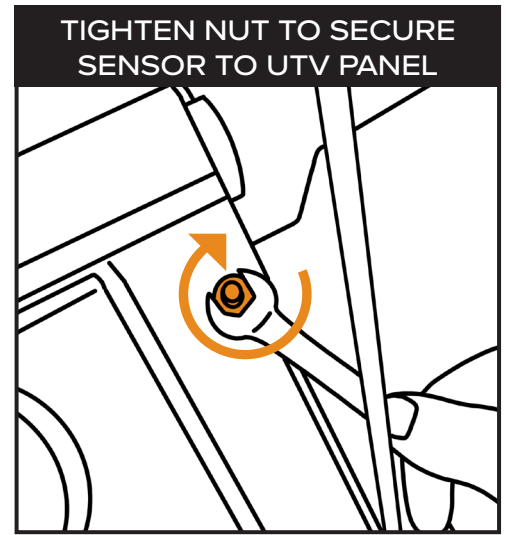
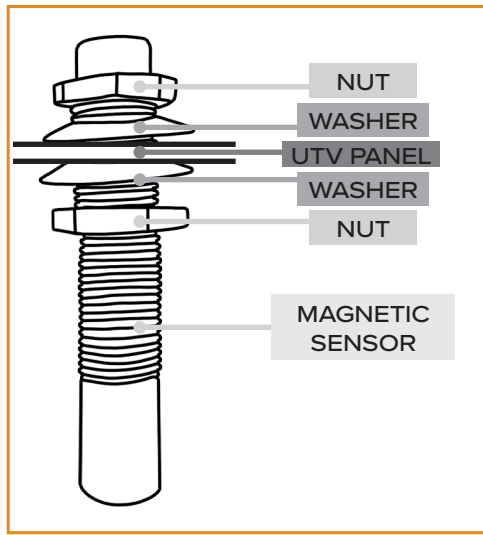
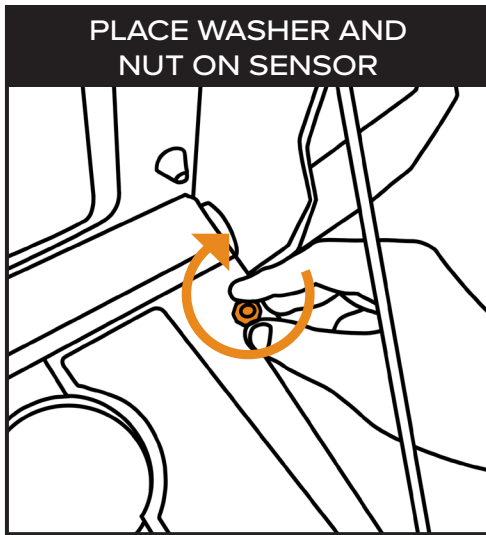


FEED MAGNETIC SENSOR THROUGH HOLE



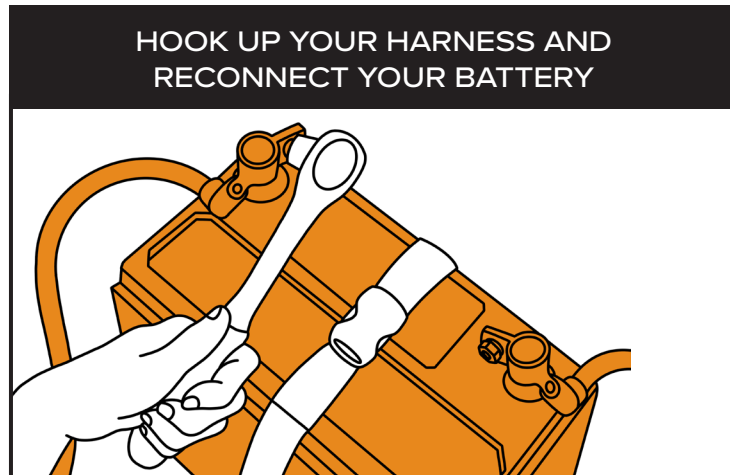
MAGNETIC SENSOR IN POSITION





- iii** Secure the sensor into the drilled hole and tighten it using a 12mm wrench.

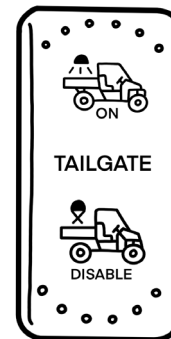
5 POWER ON KIT



Make all your harness connections accordingly and reconnect your battery by reversing step 1.i.
[SEE DIAGRAM A & B]

TRUNK BED LIGHT FUNCTIONS

- **ON POSITION:** Trunk lights stay on.
- **TAILGATE POSITION:** Trunk lights will only turn on when the tailgate is open.
- **DISABLE POSITION:** Trunk lights stay off.



- ii** With your battery now connected test all the kit's features.



RAVEK

BUILT FOR MORE

WHY RAVEK

Stock UTVs don't come with enough storage, lighting, comfort, and protection. That's why we started RAVEK.

We live to design, manufacture, and test innovative SxS upgrades that elevate the riding experience. Here's what you can expect from us:

- Durable products built to last (100% lifetime guarantee)
- UTV upgrades thoughtfully designed & tested by riders
- Outstanding installation support (videos & USA customer service)
- Constant flow of epic riding content (check out our social media)

We're confident your RAVEK product will earn its place on your machine. Please call or e-mail us if we can help.

- Harry & Ricky (Brothers & Owners)

MESSAGE FROM THE DESIGNER

I designed these Trunk Bed lights because I know how difficult it can be to see in the back of your UTV at night. The lights turn on automatically when you open the tailgate, so you don't have to worry about manually turning them on. Please try them out and let us know what you think.



RAVEK
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