



INSTALLATION INSTRUCTIONS

VxSPEC **UPGRADE** VEHICLE SPECIFIC LIGHTING

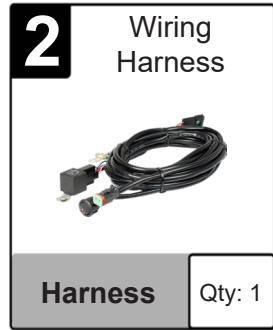
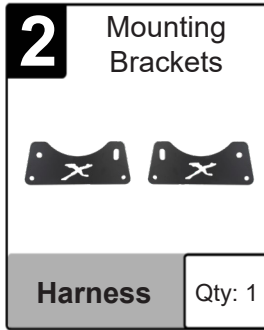
'14+ TOYOTA 4-RUNNER GRILLE LIGHT BAR KIT



INSTALLATION INSTRUCTIONS



INCLUDED WITH KIT



KIT SPECIFICATIONS

1. Warranty : Extended
2. Amp Draw : 6.25A @ 12V DC (Kit)
3. Input Voltage : 9-32V DC
4. Beam Patterns : 10° Spot
5. LED Lifespan : 50,000 Hours

PREPARATION

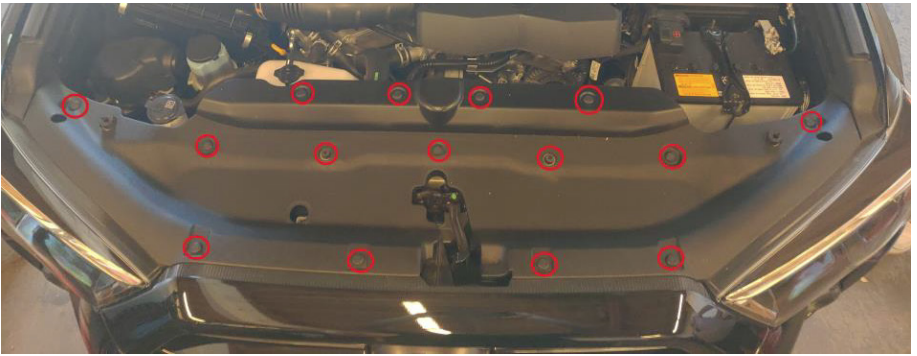
1. We recommend completely reading instructions before installing.
2. Consult your local state regulatory agency regarding the use of LED lighting.
3. The placement of LED lighting should not restrict airflow to the radiator, or block head lamps, turn signals, or parking lights.

WARNING: Bolts, Nuts, and Washers are Stainless Steel. DO NOT USE Pneumatic or Electric Tools to Tighten and Loosen. The Hardware Will Permanently Lock Together.

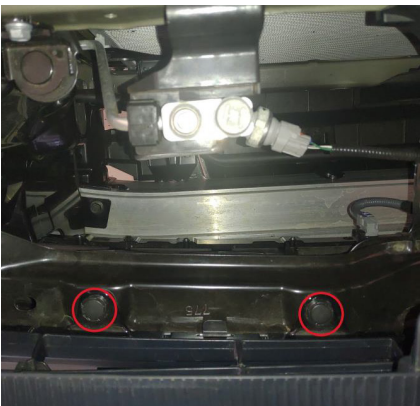
TOOLS NEEDED FOR INSTALLATION

- 13mm Wrench
- 13mm Socket

1. Remove grill shroud by removing 15 plastic pins, push center of pin to release pin.



2. Remove 4 plastic clips in the grill by lifting the center of the pin. See Left Image (passenger side) & Right Image (driver side).



INSTALLATION INSTRUCTIONS

3. Prep the XPL light bar by installing the mounting feet to the light bar.

To install the mounting you will notice a notch in the back bottom portion of the light bar. Slide the head of the bolt into that notch. Next, place the mounting feet over the bolt and hand thread on the nut. Repeat for the second mounting foot.

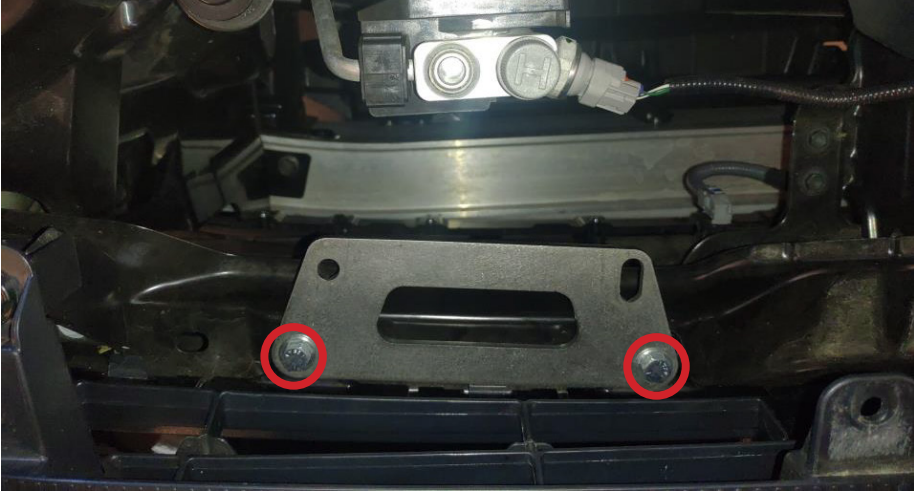
4. Install the Light Bar to the mounting brackets.

With the mounting feet loosely installed on the light bar, set it on the bracket and adjust the position of the mounting feet to match the mounting holes on the bracket. Once positioned, secure the mounting feet to the light by tightening the (2) 13mm nuts. Lastly, secure the light bar to the bracket using the provided 13mm nuts.

Repeat process for second light bar.

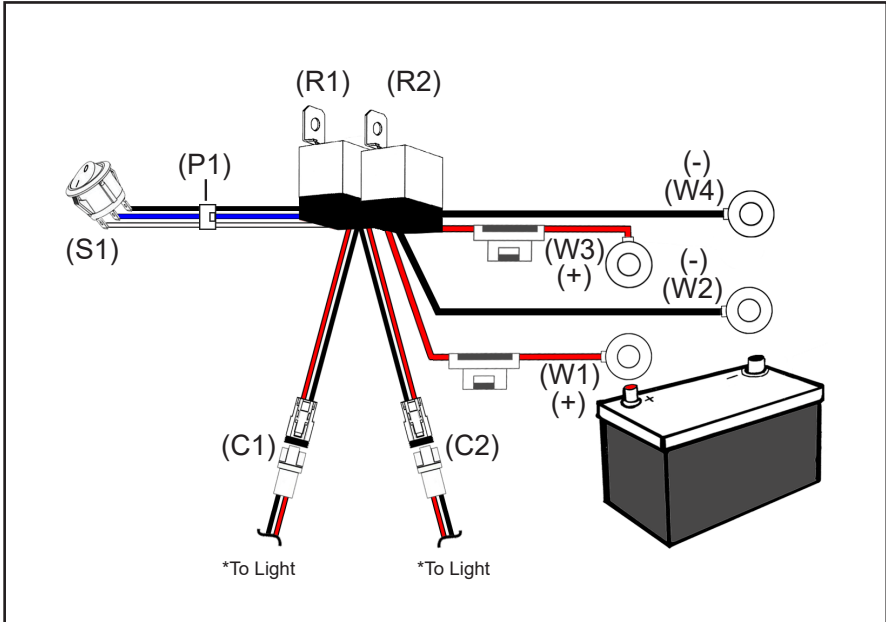


5. Install brackets with the light bars attached to the vehicle. Note that we are showing the bracket with the light bar off to demonstrate the mounting orientation with the slotted hole closest to the engine. (Passenger Side).



INSTALLATION INSTRUCTIONS

WIRING DIAGRAM:



HALO WIRE:



COMPONENTS KEY

- Part (R1 & R2) Relay
- Part (W1 & W3) Power Wire for Relay Coil
 - a. 9-32V DC Volt Positive (+) Input Wire
- Part (W2 & W4) Ground Wire for Relay Coil
 - a. 9-32V DC Negative (-) Input Wire
- Part (C1 & C2) Deutsch Connectors for Lights
 - a. Attached to 9-32V DC Positive (+) Power Wires
- Part (S1) Switch
- Part (P1) Switch Plug

MANUFACTURER RECOMMENDATION

For those unfamiliar with electrical wiring on vehicles, Vision X recommends that all LED Lighting products are professionally installed.

WIRING INSTALLATION INSTRUCTION

1. Find a suitable place to mount Relays Part (R1 & R2) leaving enough room for Power & Ground wires Part (W1,W2,W3,W4) to reach the battery & the Deutsch connectors Part (C1 & C2) to reach the lights. Mount Relays.
2. Run Power wires (W1, W3) & Ground wires (W2 , W4) to the battery. Connect the Power wires (W1 , W3) to the Positive (+) battery terminal and connect the Ground wire (W2 , W4) to the Negative (-) Battery Terminal.
3. Run the Deutsch Connector wiring, (C1 & C2) to each light and plug in. It doesn't matter which Deutsch Connector plugs into which light.
4. **(Optional) To connect the Daytime Running Halo wire Part (H1)** tap the yellow wire to an existing power source or on its own auxiliary switch.
5. Disconnect the Switch Part (S1) at the white Plug Part (P1) and run the wire through the vehicles fire wall to desired mounting location inside the Cab, [using a factory rubber or plastic grommet is suggested].
6. Drill the hole to the required size for the Switch (S1) and mount to desired position.
7. Reconnect the Switch (S1) to the Harness.
8. Test Light.

LIGHT ANGLE ADJUSTMENT

1. To adjust the light beam angle up or down, loosen the mounting feet from the light and slide the light bar to the desired angle. Re-tighten.
2. To adjust the light beam inward or outward loosen the nuts that secure the light to the bracket. You will notice the inner mounting hole (Closest to the engine) is slotted to allow the light to adjust. Re-tighten.

TIP: For complete application guide see website VISIONXOFFROAD.COM



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