

Input Voltage	Controller Max Load	Controller Size
12V DC	6 amps (3 amps per zone)	4 x 2.33 x 0.73in (100x60x19mm)

Warranty and Disclaimer

Within One year after the purchase date, the original buyer may return any XKchrome controller that has failed due to a defect in materials or workmanship. LED halos that have one or more LEDs fail to illuminate due to a defect in materials or workmanship are covered with a one-year warranty for **the original buyer**.

Installation of this product must be performed by a licensed professional. Should the failure of the product be the result of damage occurring as a result of improper installation, alteration of the product or an act or omission on the part of the consumer, this warranty is void. XKGLOW Lighting shall not be responsible for any consequential damages which arise from the use and/or installation of the product. If the kit is installed in any manner other than specified, XKGLOW Lighting reserves the right to deny any warranty claims at the discretion of the technical support department. Any product return must include the original packaging, invoice number and a statement of the alleged defect. Upon receipt of the returned product, the company will test the product for defect. If the results of the testing do not support the warranty claim, do not reveal any defect or indicate consumer negligence in the installation and handling of the product, then the product will be returned to you and you will be charged a reshipping fee. If the product is returned from an address within the continental United States, within the first 30 days after purchase, and is found to be defective, XKGLOW Lighting will exchange or refund the original purchase expense. This offer does not extend to the cost for shipping charges on any international packages.

Additional Disclaimer Terms

Please check your local and state laws for the proper use of this product.

- Improper installation of electrical products such as lighting may cause damage to any vehicle or device to which the improperly handled or installed lighting is attached.
- Improperly installed product may cause electrical injury to persons.
- It is recommended that the kit should be installed by a licensed professional.
- XKGLOW assumes no liability for the installation of the product.
- Warranty or liability will not exceed the product purchase price, which shall be buyer's sole and exclusive remedy.

Return/Exchange Procedure

1. Email [xk@xkglow.com] to notify us of the product issue as well as the item number and name of customer on invoice.
2. We will send you the trouble-shooting guide to fix the issue, or to narrow down which of the component(s) need to be replaced. If the issue still exists, we will ask you to send back the defective items to be replaced.
3. Please send the returned item as instructed, along with claims and a telephone number where you can be reached.
4. After the returned item(s) have been accepted and inspected, we will issue a refund or replace the items ASAP. For refunds, item(s) must be sent to XKGLOW within 14 days from date of purchase. Original shipping charges are not refundable.

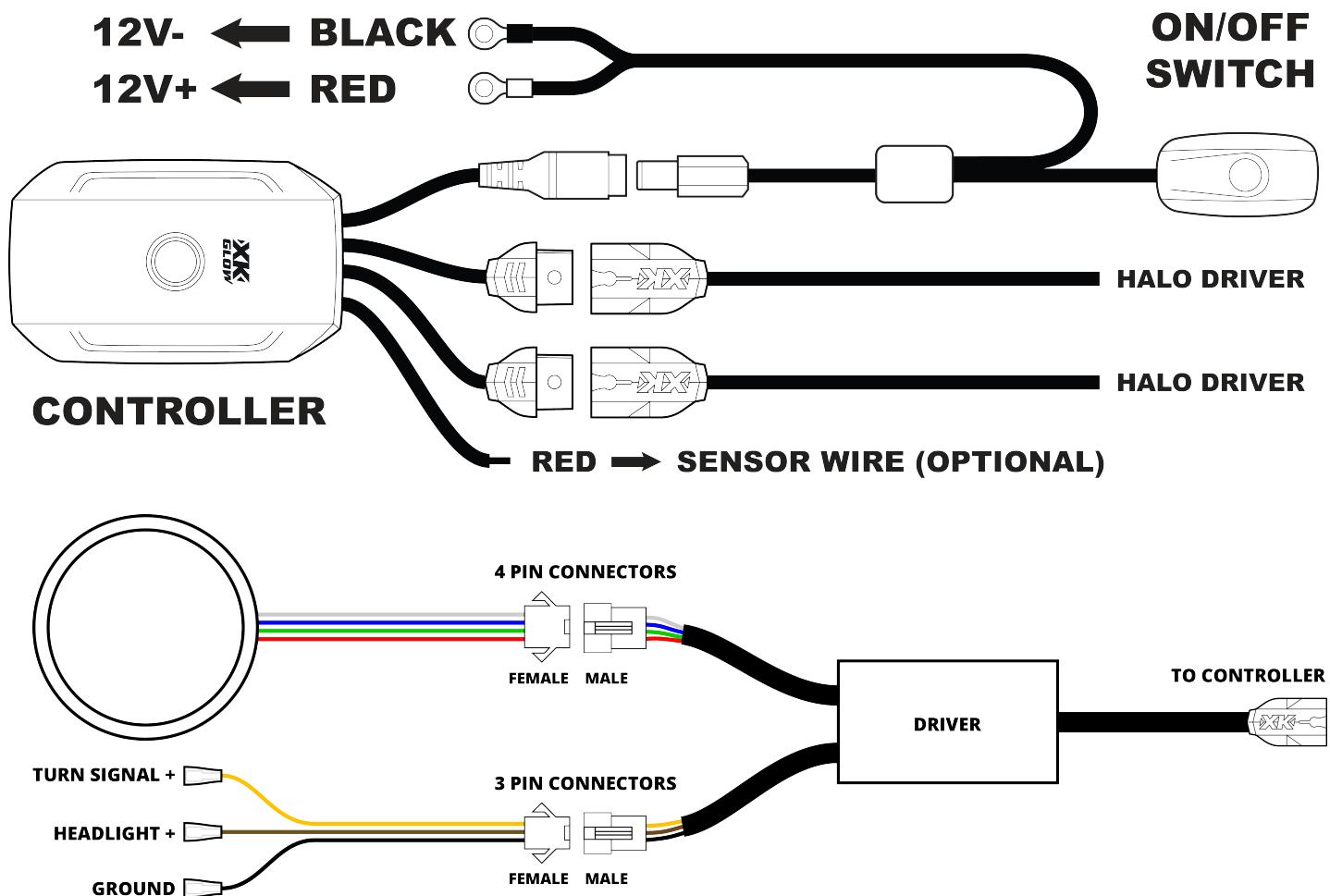
We always stand behind our products and are committed to our customers! For questions you may have, please contact xk@xkglow.com. We normally respond within 24 hours. (Monday-Friday).

Mounting Instructions

WARNING: This installation requires removal of the headlight lenses. If you are not comfortable with removing the lenses, please seek professional help for installation. XKGLOW is not liable for any damages that may occur during installation of this product. Lenses must be removed to begin installation.

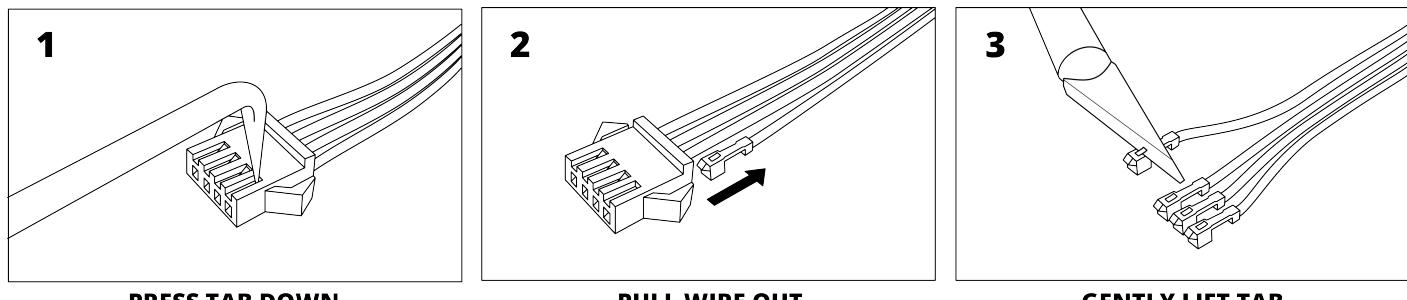
Please note: These instructions are to serve as a guide for install and will not apply to all headlight assemblies out there. Steps, order of steps, and processes used in this guide may differ depending on your application. Doing vehicle specific research will help greatly with installation of this product.

Test all components before beginning install: As shown below, plug the XKchrome controller into the switch harness. Connect the RED wire from the switch harness to a 12V+ source and the BLACK wire from the switch harness to a 12V- source. Plug the halos and wiring harnesses into the halo drivers and the halo drivers into the XKchrome controller. Connect the BLACK wire from the wiring harness to the 12V- source (this wire MUST be grounded for the halos to operate). Turn on the switch and push the touch button on the XKchrome controller to test the halos. You can test the DRL and turn signal mode by separately tapping the YELLOW and BROWN wires to the 12V+ source. If the controller or halos show any defects, please contact us and we will be happy to replace them for you.

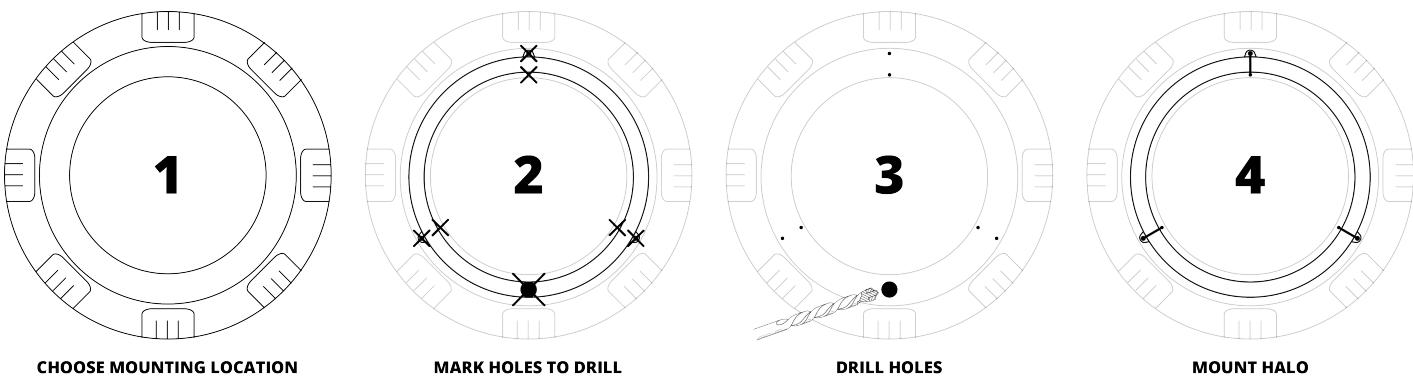


- Disassemble Headlights:** Remove the lenses from the headlights and disassemble the internals if necessary to gain access to the desired mounting locations for the halos.

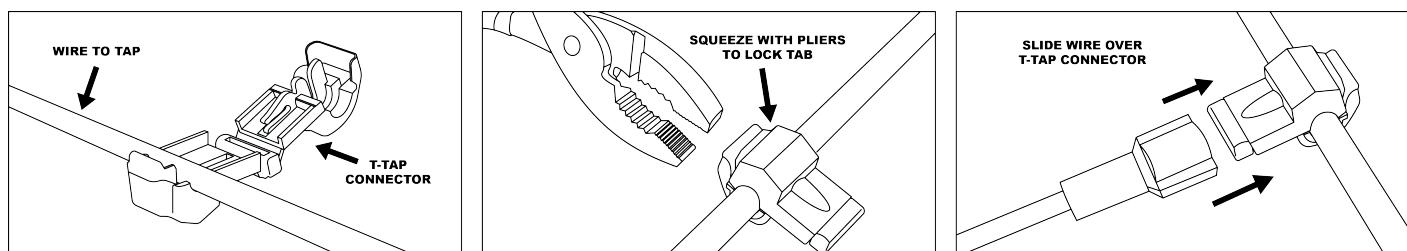
- 2. De-Pin Black Halo Plugs:** In order to feed the wires through the 5mm holes (next step), the 4-pin female plugs shown in the diagram above must be removed from the wires. See diagram below. The tabs holding the pins in are visible. These tabs must be pressed down to remove the pins. Begin by taking a small pick, thumb tac, or the like and gently press the tabs down and pull the pins out. If the pins do not slide out without excessive force, the tab is still catching and must be pressed down more. After all of the pins are removed, take an Exacto knife and very gently pry the tabs back up and into place. This will ensure that the pins snap back into place when re-inserting the pins later on in the install.



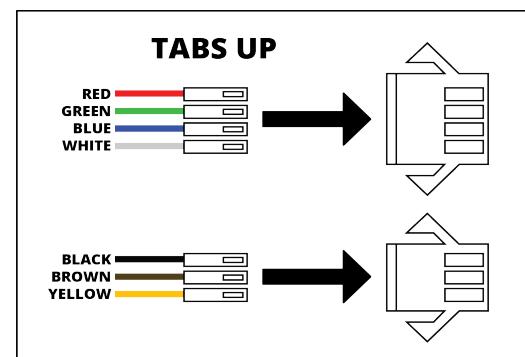
- 3. Plan Mounting Location and Prep:** Find a suitable mounting location for the halos. A 5mm hole will need to be drilled for the wires to pass through and 1mm holes are needed behind each of the 3 mounting tabs for beading wire or fishing line to pass through. Mark the location for the holes and drill. Use the diagram below for reference. Measure twice, drill once!
- 4. Mount Halos:** Feed the halo wires through the 5mm hole and position the halo in place. Insert thin beading wire or fishing line through the mounting holes on the halo and pass through the 1mm holes behind the halo. Twist beading wire or tie the fishing line to hold the halo in place. Repeat for all mounting holes on each halo.



- 5. Install Wire Grommets (optional):** If necessary, you can use the supplied wire grommets to feed the wiring through the back of the headlight assemblies and to the drivers (recommended installation OUTSIDE of the headlights for serviceability). Find a suitable location for the grommets away from any mounting tabs or wiring. Mark and drill $\frac{1}{4}$ " holes in the back of the headlight assemblies and push the rubber grommets into place.
- 6. Install Wiring Harness:** See guide below for installation of T-tap connectors. Take the T-tap and wrap it around the wire to tap. Close the T-tap and secure it by squeezing with pliers. The lock tab should snap in place. Connect BLACK wire from wiring harness to a ground source, YELLOW wire to the positive turn signal wire, and BROWN wire to running lights or headlights (OPTIONAL- This controls the WHITE DRL mode). Note- depending on the headlight, the wiring may be inside or outside of the headlight assembly.



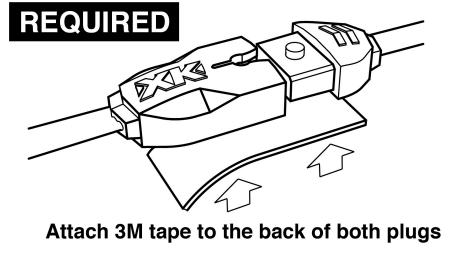
- 7. Route Wiring Out of Headlight:** Feed the 4 wires from the halo (white, blue, green, and red) through the supplied rubber grommet. If the headlight wiring is inside of the headlight assemblies, you will need to de-pin the wiring harnesses just as the halo plugs were in Step 2. If applicable, feed the 3 wires from the wiring harness (black, brown, and yellow) through the supplied wire grommet. Add a dab of silicone around the wires inside the grommets for fully seal them off. Re-insert the pins from the halos and wiring harnesses into included black JST plugs using the driver plugs and the diagram to the right as reference. The colors must be matched up with the driver plugs for proper function.



- 8. Reassemble, Reseal and Reinstall Headlights:** After the halos and wiring harnesses are successfully installed, you can reassemble the internals of the headlight and reinstall the lenses onto the assemblies using butyl glue. Reinstall the completed headlights onto the vehicle.
- 9. Install Halo Drivers:** Find a suitable mounting location for the halo drivers. Plug the halos and wiring harnesses into the drivers and then plug the drivers into the XKchrome controller.
- 10. Connect sensor wire to 12V:** If desired, connect the red sensor wire to desired 12V source. You define what the halos do when the sensor wire gets signal. Example- you can set the halos to the emergency strobe mode via the app and hook that to an external switch. Hit the switch and the halos will automatically go to the emergency strobe mode.
- 11. Secure all wires and connectors:** Use provided zip ties to neatly mount and hide any loose wires. Use provided double sided tape to hold male and female plugs together. Make sure wires are not touching anything hot or located on moving parts. Locate the ON/OFF switch and XKchrome controller in a convenient location.
- 12. Connect to 12V DC power:** Firmly connect the wire terminals from the switch harness to the positive and negative poles of the battery. Power on, download the **XKchrome** App, and enjoy!



Please note: There are multiple XKGLOW apps on the App Store. Only the XKchrome App will work with the XKchrome Bluetooth Controller. The App icon is pictured here.



Attach 3M tape to the back of both plugs