



## Sams Backup Lights CAN-3-04 Can Am X3 Backup Light Installation Guide

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**Sams Backup Lights CAN-3-04 Can Am X3 Backup Light**



## Specifications

- Product Name: CAN-AM X-3 Reverse Light Kit
- Included Components: Mini Controller, Relay, Light plug, Light bracket and hardware, Diagnostic Connector, Fuse holder, Light, Zip Ties
- Required Tools: 13mm Socket & Ratchet, 13mm Wrench, Philips Screwdriver, Flat Head Screwdriver, Torx T-40, 1/16 and 5/16 Drill Bit, Wire Cutter

## Product Usage Instructions

### Step 1: Secure and Plug-in Controller

1. Remove diagnostic connector from housing and feed it down to the center console.
2. Remove center console panel to expose wires.
3. Connect diagnostic cable to the diagnostic connector and plug it into the mini controller.
4. Zip tie the mini controller to the main wire housing.

### Step 2: Routing Wire to Battery

1. Remove bolts to the center console handle and frame.
2. Remove the center side console plastic from the passenger side all the way back to the battery by carefully prying the plastic back.
3. From the main harness, take the blue wire and plug it into the other side of the mini diagnostic connector.
4. Run the blue wire through the center console and have it come out next to the battery.

### Step 3: Assemble Connector

1. Assemble the connector by pushing the red wire into the hole marked 1 and the black into hole 2. Push the wires in until they click into place and lock into the connector.
2. Push the green wedge lock in until it clicks.
3. Plug the connector into the light and secure the wire using zip ties.

### Step 4: Routing Harness to Lights

1. Route the wires to your accessory (Make sure the wire is securely zip tied).
2. Plug in accessory.

### Step 5: Reinstall Plastics

#### Operation of Reverse Lights

Sams Backup Lights are automatic. No switches or programming required. When the vehicle is shifted into reverse, the lights will automatically come on. The controller has been programmed with a manual override feature, so back-up lights can be turned on without the vehicle needing to be shifted into reverse.

### FAQ

#### Q: Are there any special tools required for installation?

A: Yes, you will need a 13mm Socket & Ratchet, 13mm Wrench, Philips Screwdriver, Flat Head Screwdriver, Torx T-40, 1/16 and 5/16 Drill Bit, and Wire Cutter.

#### Q: Can the back-up lights be turned on manually?

A: Yes, the controller has a manual override feature that allows you to turn on the back-up lights without shifting into reverse.

### DISCRIPTION



## INCLUDED

Included <b>Description</b>	<b>Quantity</b>
Wiring Harness	1
Jumper Wire	1
Relay	1
Mounting Brackets	2
Lights with Brackets	2
Regular Zip Ties	15
Christmas tree Zip Ties	2
Controller	1

## REQUIRED TOOLS

13mm Socket & Ratchet
13mm Wrench
Philips Screwdriver
Flat Head Screwdriver
Torx T-40
1/16" and 5/16" Drill Bit
Wire Cutter (trimming zip ties)

Read the entire manual before beginning the installation process.

**Disclaimer:** Sam's Backup Lights is not responsible for any damage due to improper installation.

## INSTALLATION STEPS

### Secure and Plug-in Controller

1. Remove the diagnostic connector from the housing (shown in picture 1) and feed it down to the center console.
2. Remove center console Panel to expose wires.
3. Connect the diagnostic cable to the diagnostic connector and plug it into the mini-controller
4. Zip tie the mini controller to the main wire housing (shown in picture 2).



### Routing Wire to battery

1. Remove bolts to the center console handle and frame
2. Remove the center side console plastic from the passenger side all the way back to the battery by carefully prying the plastic back
3. From the main harness, take the blue wire and plug it into the other side of the mini diagnostic connector
4. Run the blue wire through the center console and have it come out next to the battery



### Assemble Connector

1. Assemble the connector by pushing the red wire into the hole marked 1 and the black into hole 2. Push the wires in until they click into place and lock into the connector.
2. Push the green wedge lock in until it clicks.
3. Plug the connector into the light and secure the wire using zip ties





**Note:** Holes are numbered on the side, near the point where the connector becomes wider



### Routing harness to lights

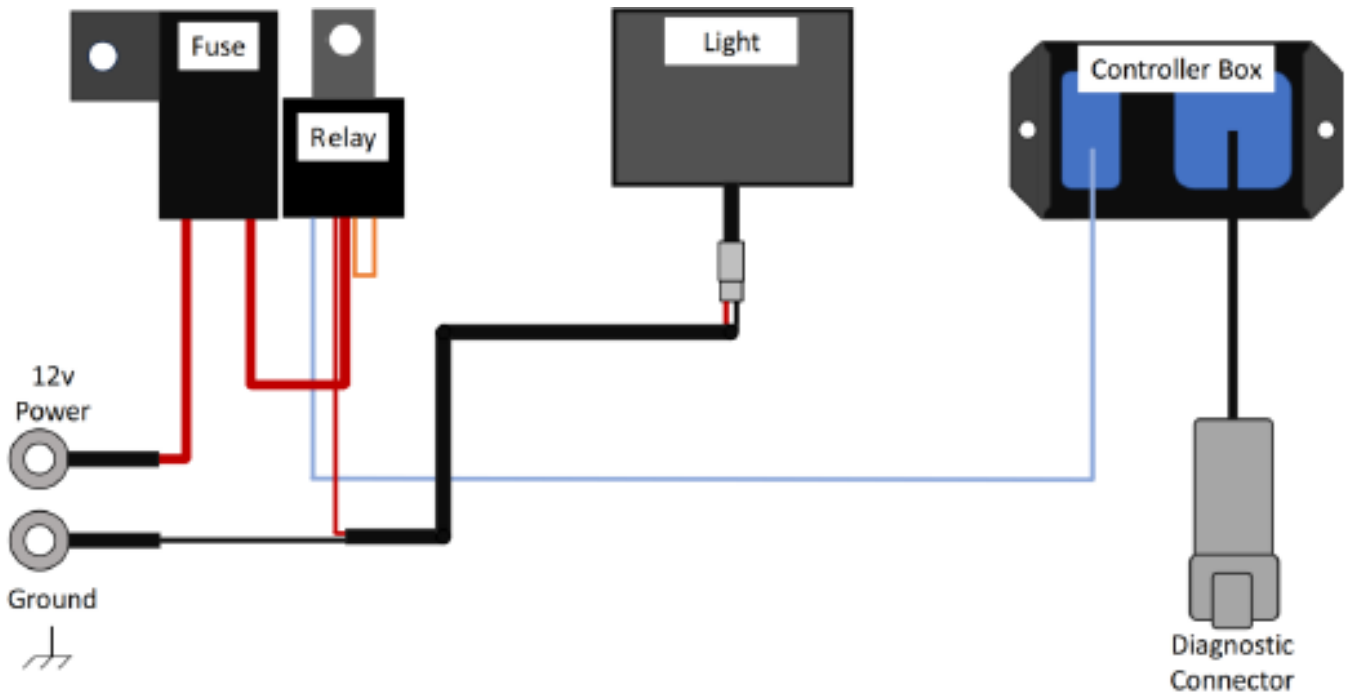
1. Rout the wires to your accessory (Make sure the wire is securely zip tied).
2. Plug in accessory.



### Reinstall Plastics



## AUTOMATIC REVERSE LIGHT



## Factory Can-Am Diagnostic Connector

The Orange wire from Sam's Controller needs to match the Orange/Green wire on the factory Can-Am diagnostic connector

Can-Am 2021+ Diagnostic Connector

### Can-Am 2021+ Diagnostic Connector



### Can-Am Pre-2021 Diagnostic Connector



Install wedge lock (Green) with small screwdriver or pliers and sealing plug (White) into empty hole

## Operation of Reverse Lights

Sam's Backup Lights are automatic. NO switches or programming required. When the vehicle is shifted into reverse, the lights will automatically come on. The controller has been programmed with a manual override feature, so back-up lights can be turned on without the vehicle needing to be shifted into reverse.

- **Fully Automatic When Shifted to Reverse**

- No programming needed

- **Manual Override Function**

- Shift the vehicle into Neutral
- Press and hold the brake pedal for up to 2 seconds. The reverse light will automatically turn on and stay on.

To turn the light off repeat this procedure.

**Note:** If the ignition is turned off while the vehicle is in reverse, or the manual override function is enabled, the lights will remain ON until the ECU enters sleep mode (approximately 30 secs to 2 minutes depending on vehicle and ECU type).

## Sam's Backup Lights

[www.samsbackuplights.com](http://www.samsbackuplights.com)

CAN-3-04

CAN-AM X-3 Reverse Light [support@samsbackuplights.com](mailto:support@samsbackuplights.com)

## Documents / Resources

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## References

- [!\[\]\(54a282d3ed55c9b1ac66d6fb81d5de2b\_img.jpg\) Sam's Backup Lights](#)
- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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