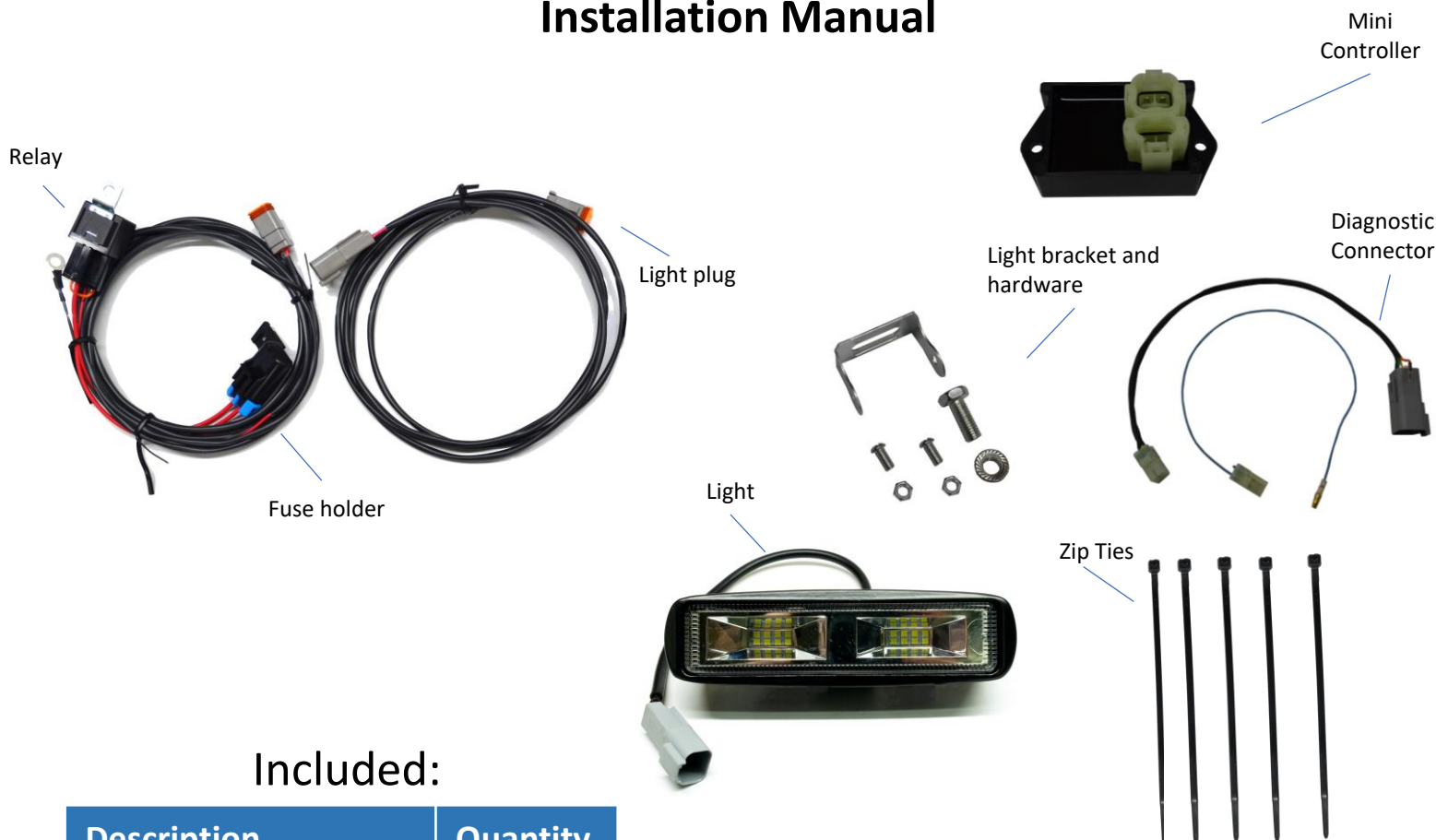


CAN-AM X-3 Reverse Light Kit

Installation Manual



Included:

Description	Quantity
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 entire manual before beginning the installation process.

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

Sam's Backup Lights
www.samsbackuplights.com

CAN-AM X-3 Reverse Light
support@samsbackuplights.com

Step 1: Secure and Plug-in Controller

- 1) Remove diagnostic connector from housing (shown in picture 1) and feed it down to the center console.
- 2) Remove center console Pannel to expose wires.
- 3) Connect diagnostic cable to the diagnostic connector and plug it in to the mini controller
- 4) Zip tie the mini controller to the main wire housing (shown in picture2).



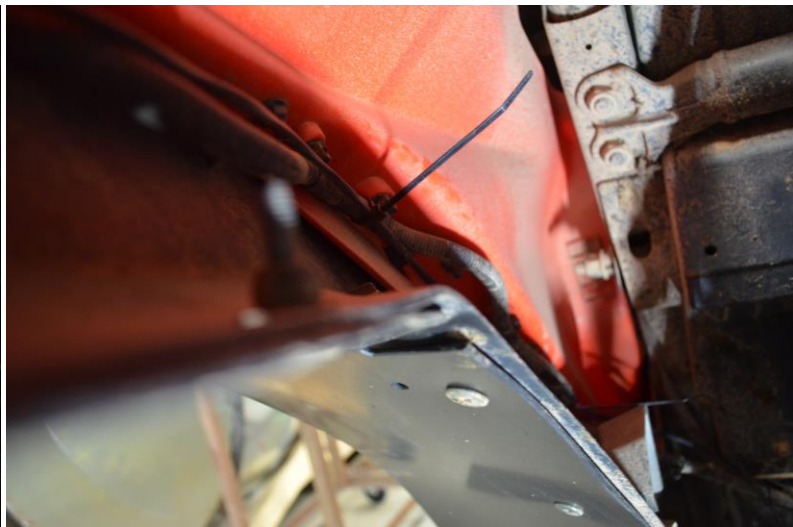
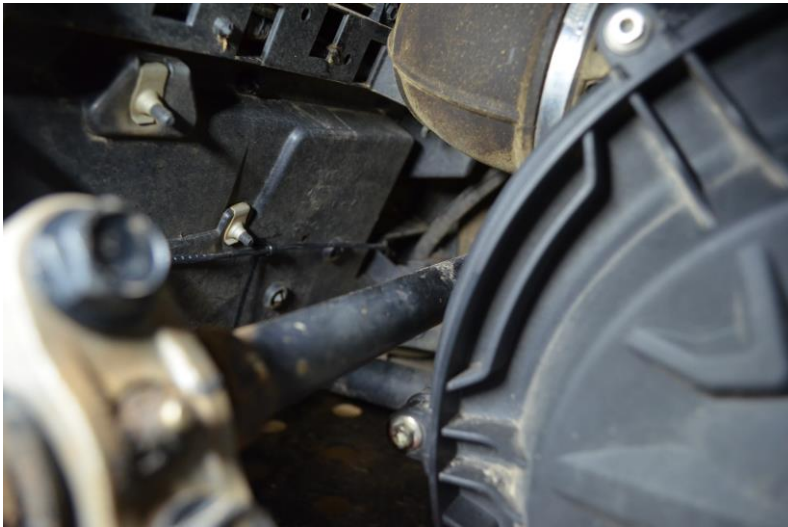
Step 2: Routing Wire to battery

- 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: Routing harness to lights

- 1) Insert the light connector end of harness back through a hole located behind the center console pushing the wire through towards the engine
- 2) Route the wire going back towards the outside driver side of the vehicle where it will go over the wheel well.
- 3) Zip tie the backup light wire to the pre-existing rear light harness (use Christmas tree zip ties to the plastic going from the center hole to the wheel well)



Step 3b: Routing harness to lights

- 1) From the wheel well, feed the wire continuing along the metal frame.
- 2) Run the wire through the space from left to right located under the BRP logo
- 3) Zip tie to the plastic and frame as needed.

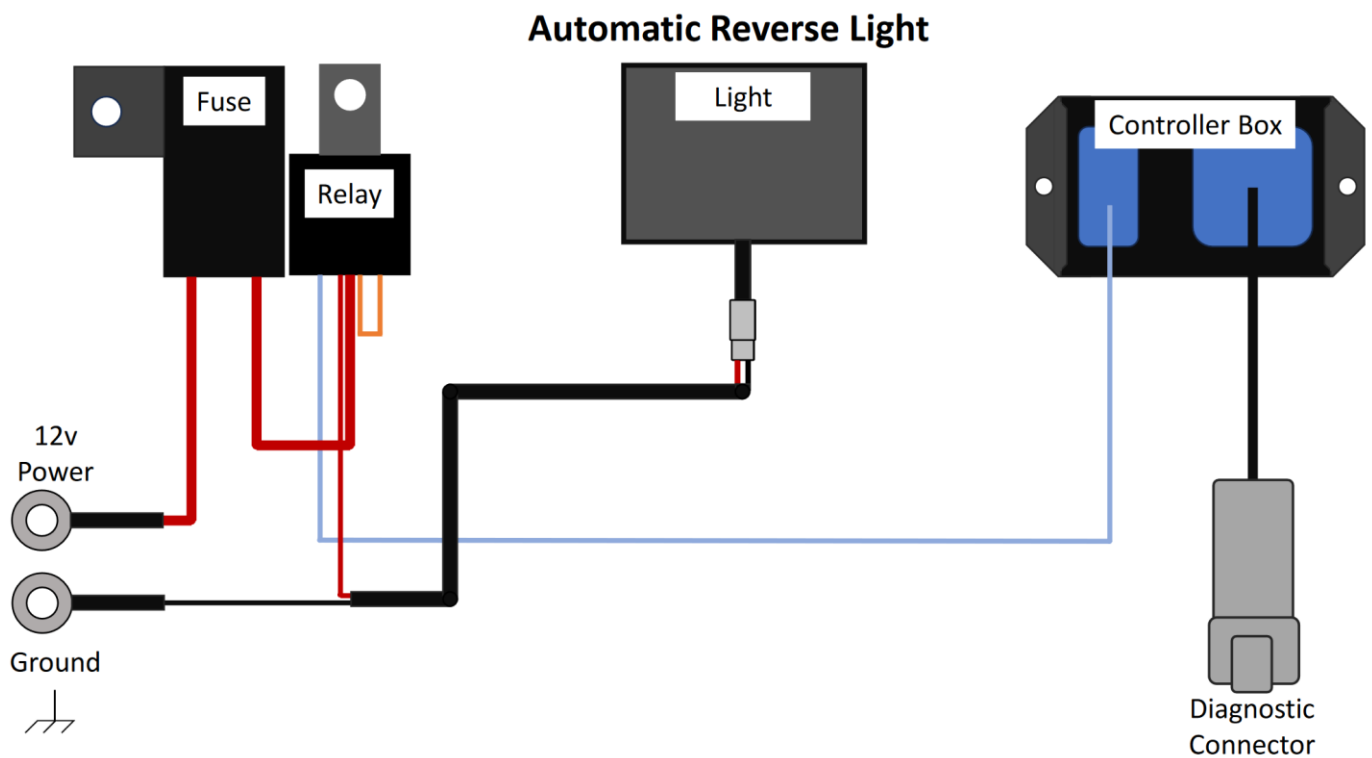


Step 4: Mounting the Lights

- 1) Attach the light to its bracket.
- 2) Mark and Center Punch position for mounting bolts
- 3) Drill hole for LED light mounting bolts.
- 4) Feed the light connector to harness.



Step 5: Reinstall Plastics



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 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**

- 1) No programming needed

- **Manual Override Function**

- 1) Shift the vehicle into Neutral
- 2) 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).