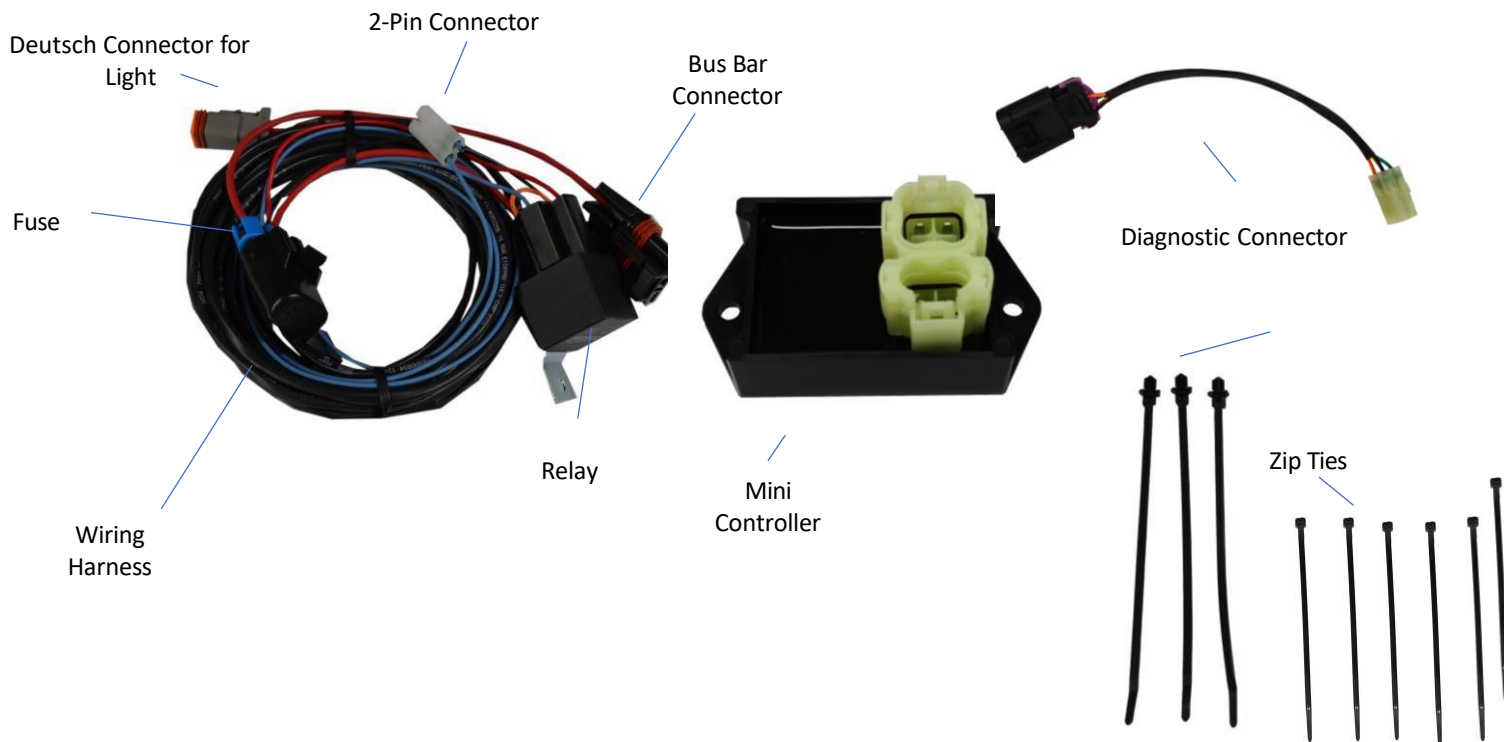




Polaris Xpedition Reverse Light Kit **Installation Manual**



Required Tools:

Torx Bit Set
Metric Wrench Set
Flat Screwdriver (push rivets)
Wire Cutter (trimming zip ties)
Philips Screwdriver
Utility Knife

Read entire manual before beginning the installation process.

Disclaimer Straightline Performance is not responsible for any damage due to improper installation.

Step 1: Remove Hood, and Grill

- 1) Loosen grill by turning the locks one-quarter turn.
- 2) Lift to remove grill.
- 3) Remove hood straps and lift to remove hood.

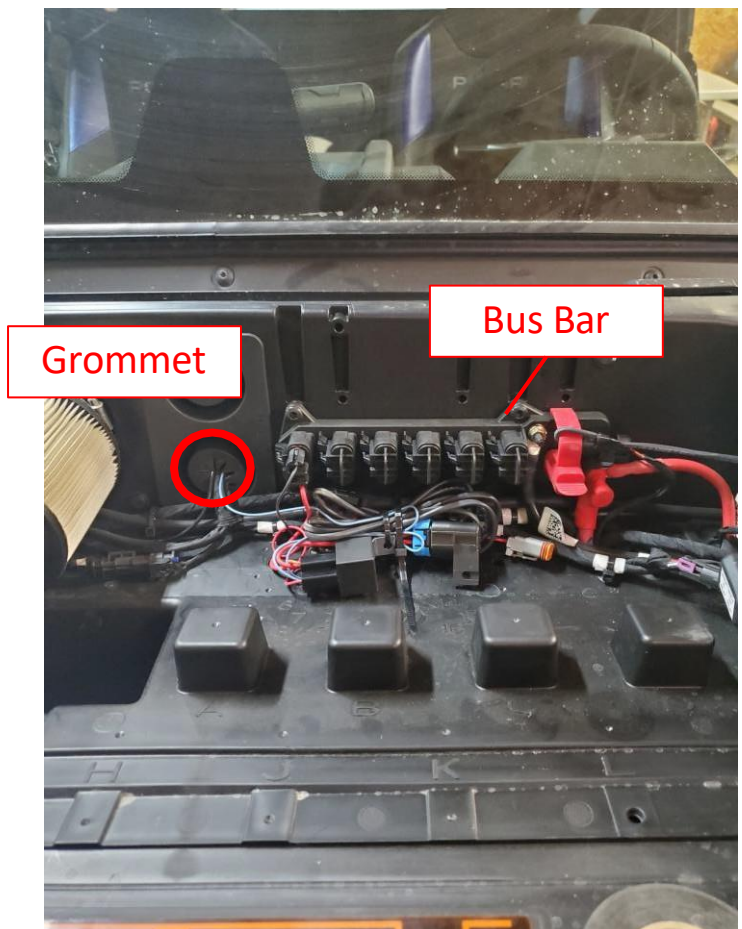


Step 2: Remove Optional Plastics

- 1) If applicable, remove any plastics under dash to access the diagnostic connector and OEM wiring harness.

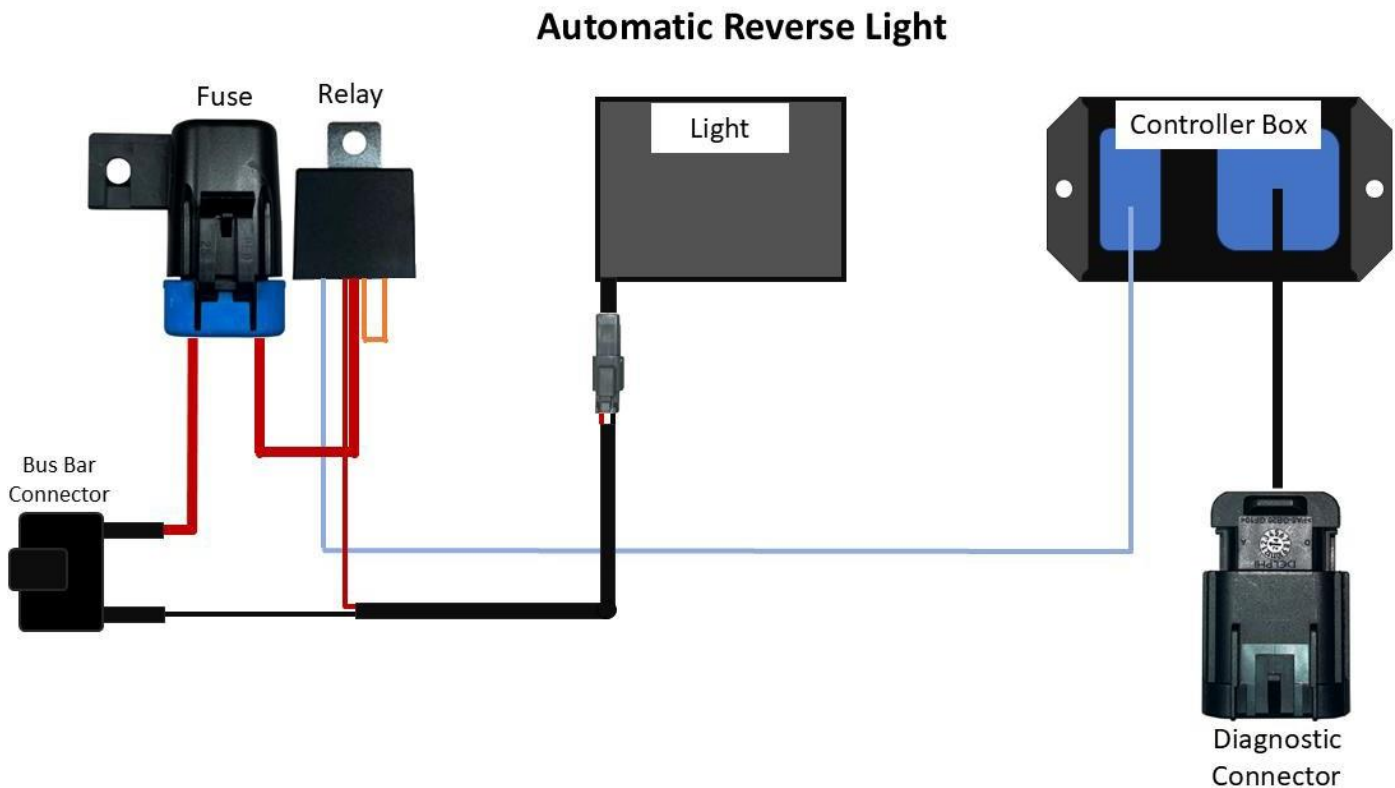
Step 3: Install Controller, Relay, and Fuse

- 1) Plug supplied diagnostic connector into mini-controller and factory diagnostic connector. Located under the dash on the drivers-side under the steering wheel
- 2) Zip tie to OEM wiring harness.
- 3) Using the factory holes, zip tie relay, fuse, and related wires using supplied Christmas tree zip ties.
- 5) Plug bus bar connector on harness into bus bar.
- 6) Feed the Light Blue wire thru the grommet to underside of dash and connect into the mini-controller



Step 6: Run Wire To Accessory

- 1) Run harness from battery to the accessory.
- 2) Secure the wire keeping away from heat and moving parts.





Operation of Reverse Lights

Our controllers have been programmed with a manual override feature. Back-up lights may be turned on without the vehicle in reverse.

- **Fully Automatic when shifted to Reverse Gear**

- 1) No programming required

- **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).



Part Number	Description	Quantity	In box
POL-ATV-V4.11	Polaris controller	1	
HDZ10	zip ties, zip tie length 4.5"	10	
PolBU-1	60" wire harness single connector battery terms	1	
PolVA-2	Polaris Diagnostics Adapter	1	
PolCA-1	4" jumper from harness to controller	1	
Sticker	2 stickers	2	
HDB2	5/16 1-1/2" long Bolt & Nut	1	
Light - R6-1	Lights leak, need different vendor	1	
Light-R6H-1	hardware kit included with 6" light	1	
Light-R6CMO-3	Sportsman Rect Light Mount	1	
PolBU-1	60" wire harness single connector battery terms	1	
CANCA-3	controller adapter with aux (blue and yellow)	1	
CANCA-13	Yellow 30" extension with relay connector on one end and male bullet on the other	1	
CANCA-4	4" yellow adapter	1	
AT04-2P	Bagged Female	1	