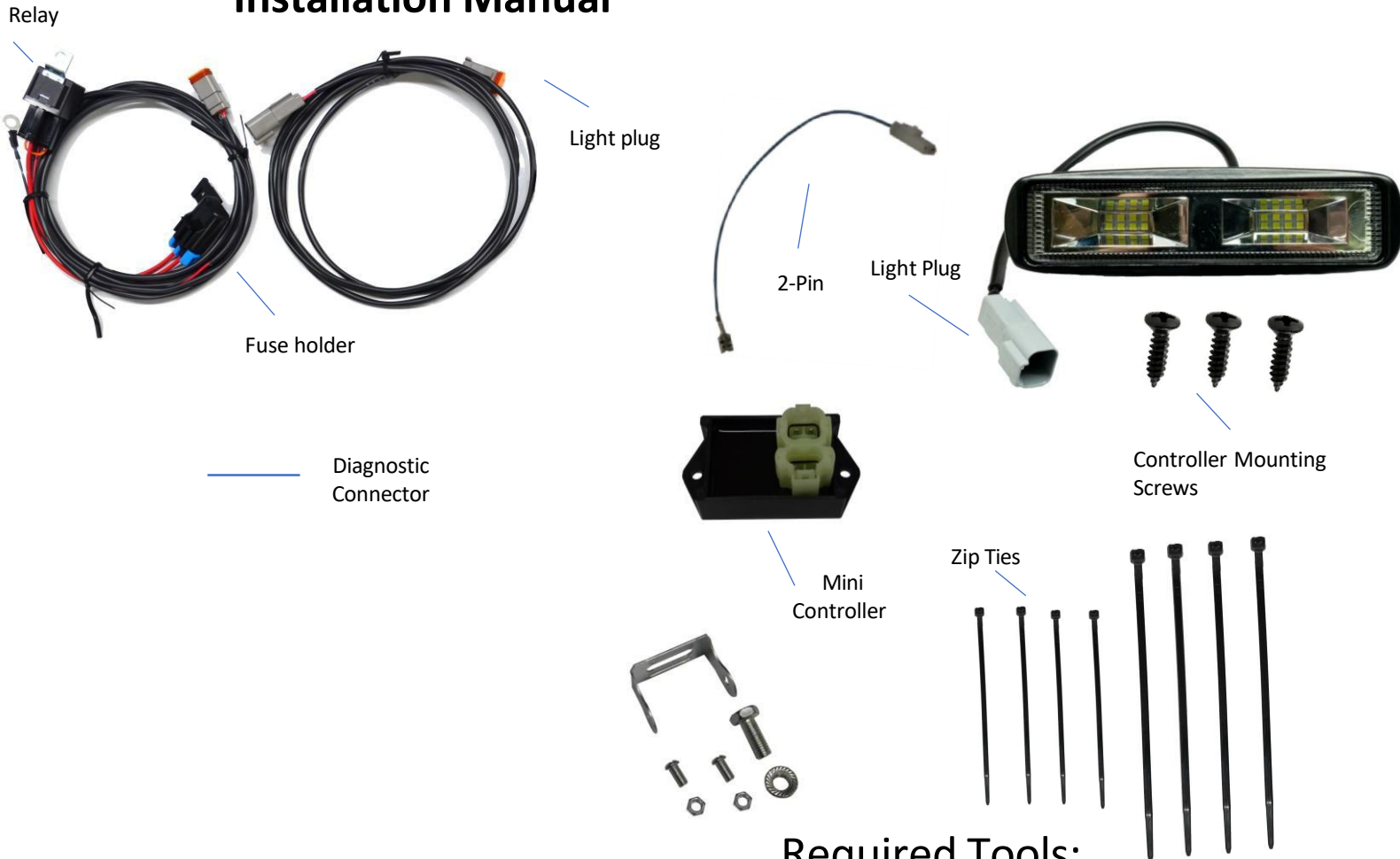




Polaris RZR Reverse Light Kit

Installation Manual



Required Tools:

Torx T-30
5/16" Allen Wrench
Philips Screwdriver
Utility Knife
3/8" Socket

Read entire manual before beginning the installation process.

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

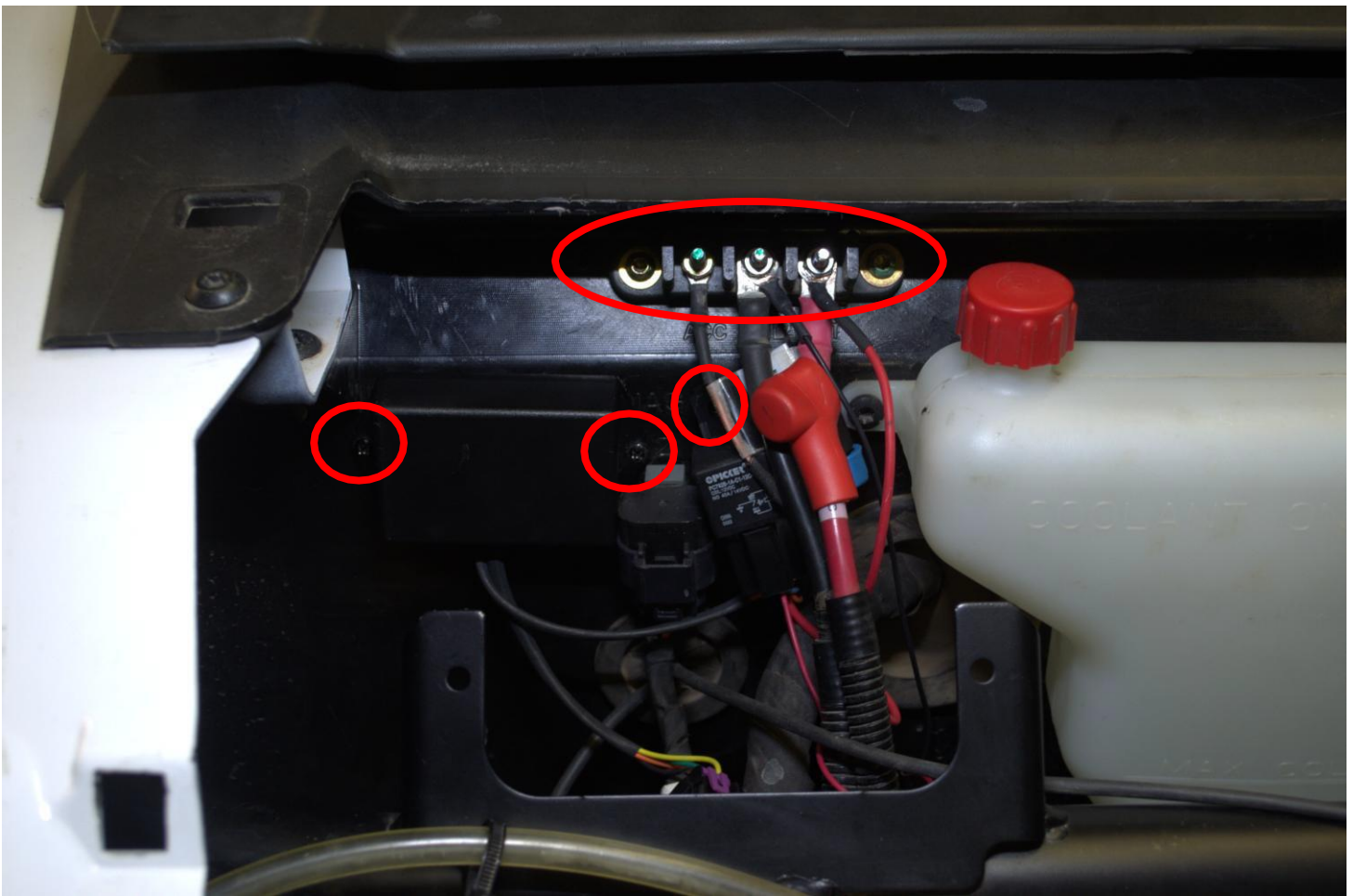
Step 1: Remove Seats & Plastics

- 1) Remove hood (twist the two quarter-turn locks.)
- 2) Remove seats by pulling up on the release at the rear of the seat.
- 3) Remove center console by removing the four push-rivets and the three T-30 screws.
- 4) Remove plastic cover in box.



Step 2: Secure & Plug in Controller

- 1) Remove the diagnostic connector cover, plug in connector that comes with reverse light wiring harness.
- 2) Secure controller, relay, and fuse using provided screws.
- 3) Remove nuts with 3/8" socket.
- 4) Secure the red ring to positive terminal and the black ring to negative terminal.



Step 3a: Mounting the Light

This step is for a one-piece light kit. Refer to Step 3b for two-piece light kit.

- 1) Remove the taillight housing by removing five T-30 screws.
- 2) Drill a 5/16" hole.
- 3) Attach the light to its bracket.
- 4) Feed the light connector through the center hole in the taillight housing.
- 5) Slide the bolt through the newly-drilled hole and tighten the bolt.



Step 3b: Mounting the Light

This step is for a two-piece light kit.

- 1) Mount the two included bar clamps to each side of the roll cage, using a 5/32" allen wrench to tighten the bolts.
- 2) Attach lights to their brackets. Be sure to slide the bolt through the bracket before attaching to the light. Use 5/32" allen wrench to tighten allen bolts.
- 3) Bolt lights to the bar clamps. Tighten bolts with ½" wrench.



Step 4a: Route Power to Light

This step is for a one-piece light kit. Refer to Step 4b for a two-piece light kit.

- 1) Route reverse light harness down from the control box position into the cab, and, following the OEM harness, run straight through cab, then run up to plastic cover in box.
- 2) From there, route the wiring harness back to the reverse light connector.
- 3) Plug wiring harness connector into light connector.
- 4) Zip tie as needed.

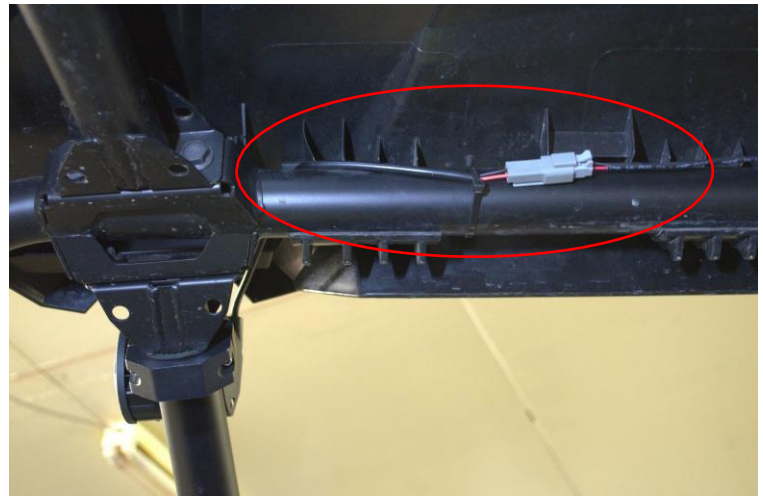
Note: If installing kit on 2-seater, coil excess wire either by control box or directly behind seat.



Step 4b: Route Power to Light

This step is for a two-piece light kit.

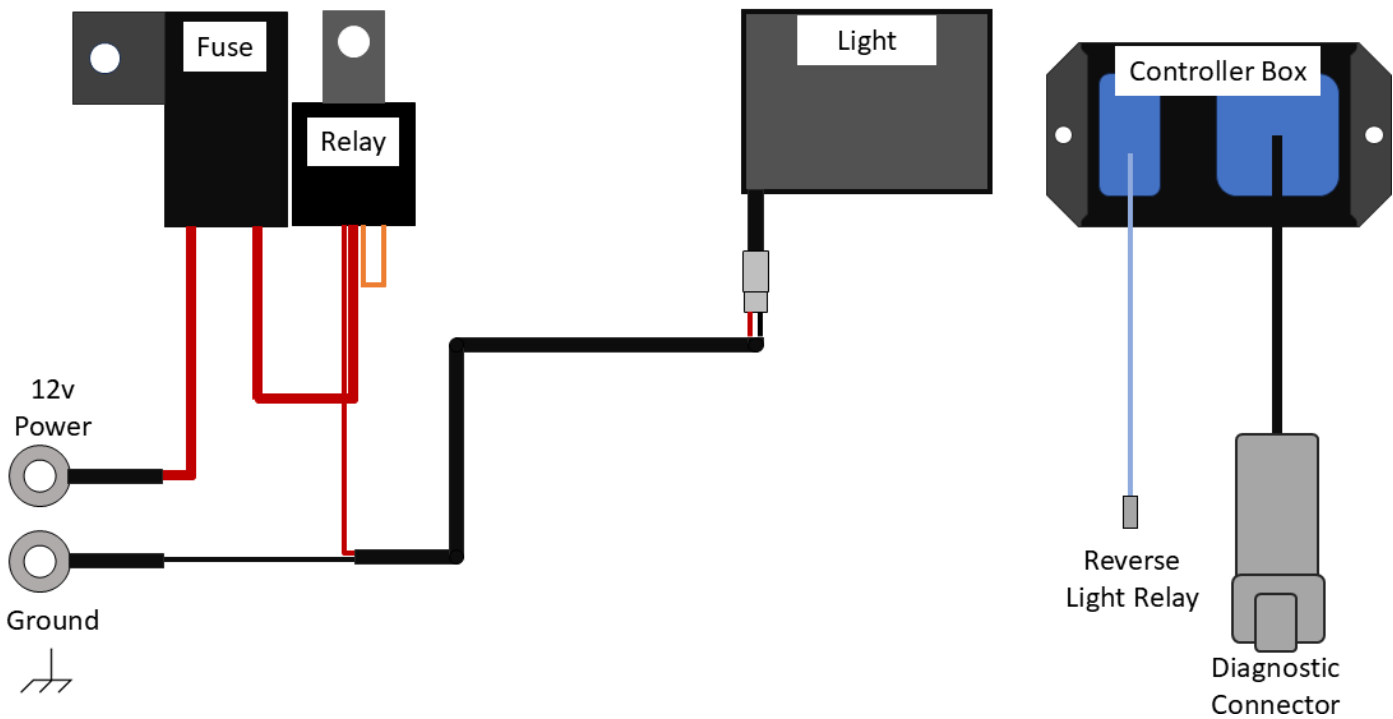
- 1) Route reverse light harness down from the control box position into the cab, and, following the OEM harness, run straight through cab.
- 2) When directly behind seats, run harness up to roll bar.
- 3) Plug short-wired connector into light on closest side.
- 4) Run longer wire to other side of cab, then plug connector into the other light connector.
- 5) Zip tie as needed.



Step 5: Reinstall Plastics



Automatic Reverse Light





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-V4.11	polaris controller	1	
HDZ10	zip ties, zip tie length 4.5"	10	
HDS2	screws	1	
HDZ1	1 Zip tie with push insert holder, zip tie length	1	
PolVA-2	Polaris Diagnostics Adapter	1	
PolBU-1	60" wire harness single connector battery terms	1	
PolCA-1	4" jumper from harness to controller	1	
AT04-2P	Bagged Female	1	
Sticker	2 stickers	2	
Light-r6-1	Base light	1	
Light-R6H-1	Light bracket	1	
Packaging	#N/A	1	