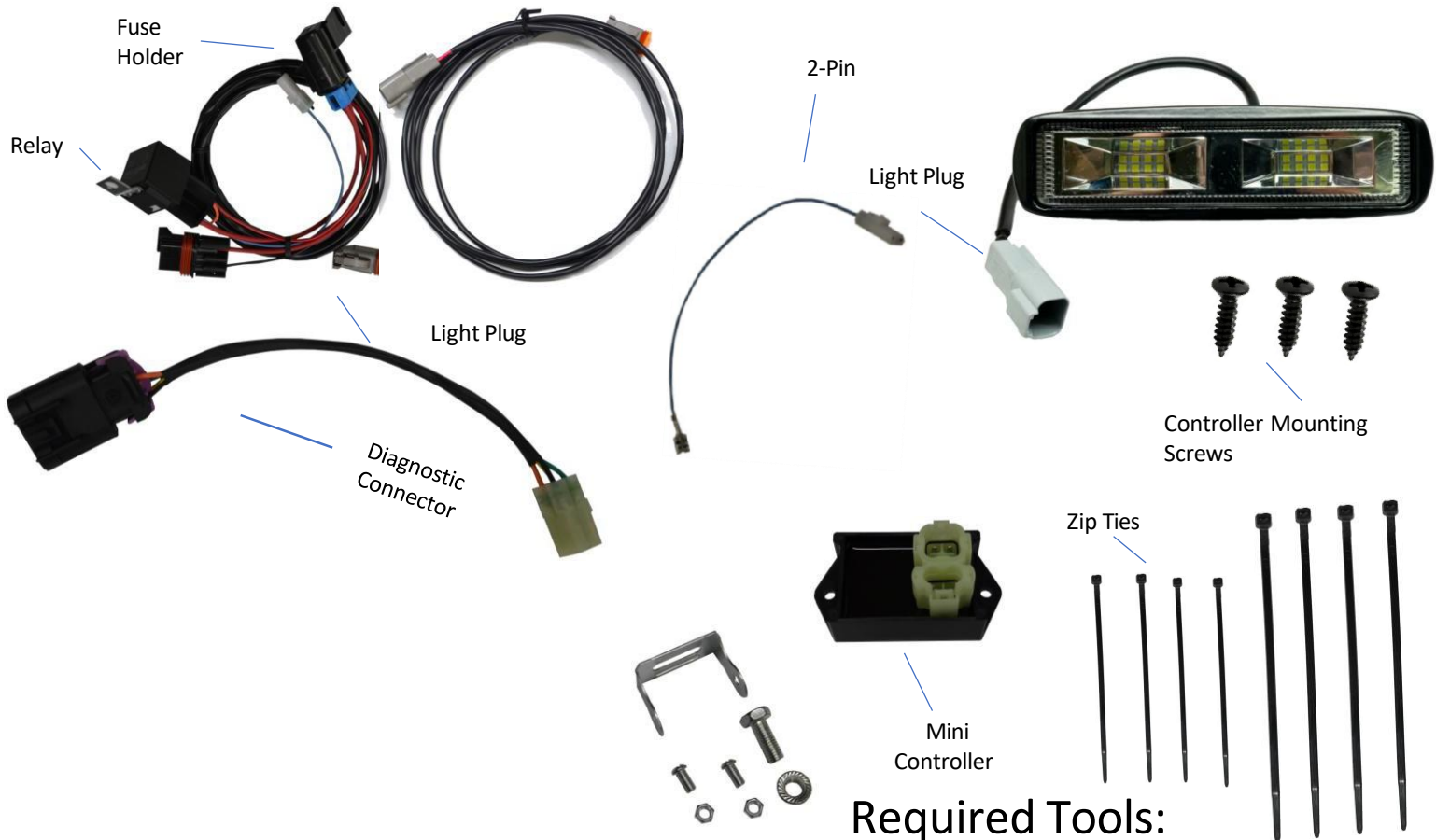


STRAIGHTLINE PERFORMANCE

Polaris 2024+ RZR Single Light Reverse Light Kit

Installation Manual 287-115



Required Tools:

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

Read the entire manual before beginning the installation process.

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

Step 1: Remove Seats & Shifter

- 1) Remove seats by pulling up on the red release at the rear of the seat.
- 2) Remove the shifter top by removing the T-25 screw and removing the cover.
- 3) Remove the T-25 screw uncovered by the cover. Pull up to remove the shifter.



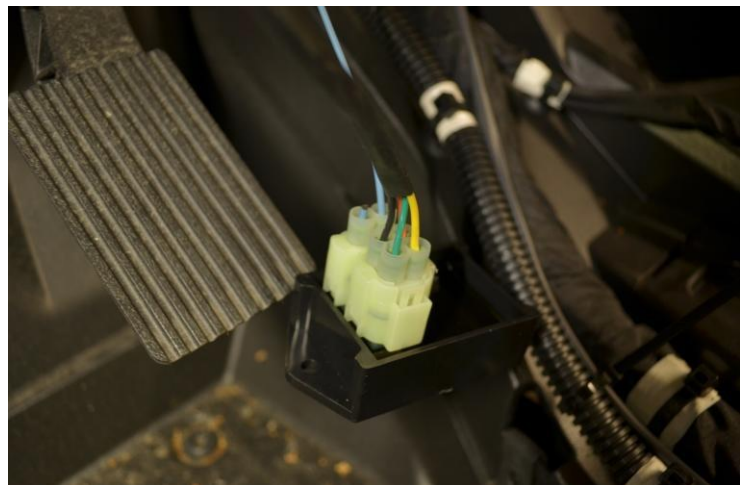
Step 2: Remove Center Console

- 1) Remove the front center console by removing 7 T-40 screws and the three push-rivets. Remove the center console.
- 2) To remove the rear cup holders, unscrew the 4 T-40 screws and remove the three push rivets. (Watch out for the wires for the 12V Plug). Note: this is only for a 4-seater
- 3) Remove the rear cover by turning the four push locks and pulling on the cover.



Step 2: Secure & Plug in Controller

- 1) Remove the diagnostic connector cover and plug in the connector included with the reverse light wiring harness.
- 2) Secure controller, relay, and fuse using zip-ties.
- 3) Remove the cover for the bus bar and plug in the power and ground.
- 4) Plug in the control box.



Step 3: Mounting the Light

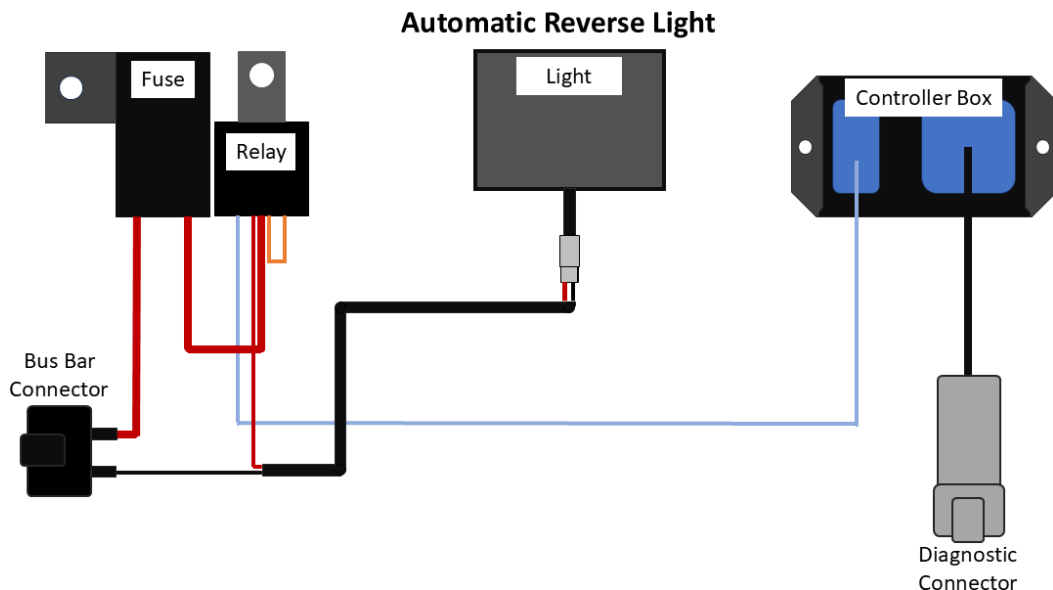
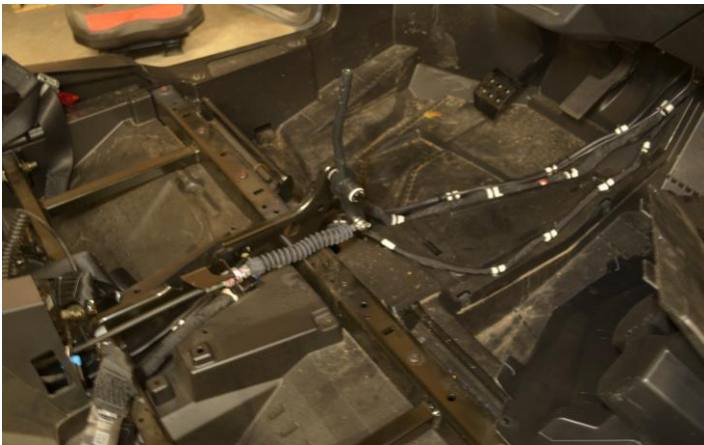
- 1) Remove rear plastics if needed; drill hole in center of mounting spot as shown in figure below.
- 2) Mount light to provided bracket. (Be sure to slide bolt through bracket before attaching light to it).
- 3) Secure light with provided hardware.



Step 4: Route Power to Light

- 1) Route reverse light harness down from the control box position into the cab, and, following the OEM harness, run straight through cab.
- 2) Route wiring harness behind cab, along the OEM harness to rear of vehicle.
- 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 5: Reinstall Plastics



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
IT-238-102	2 screws in baggie	1	
IT-287-102	Polaris Diagnostics Adapter Purple and black 8 pin plug on one end and 4 pin white plug on the other.	1	
IT-287-105	Polaris controller	1	
IT-287-108	Polaris pulse bar powered main harness 197" single light plug, includes relay	1	
IT-287-110	Blue 4" jumper from harness relay to controller, 2 pin plug on one end flat locking spade on other.	1	
IT-288-104	long skinny light. Black aluminum housing	1	
	Make sure light has bracket and hardware (SPI in house)		
Np-209	zip ties 6"	10	
	Plug blue wire into relay. Directions in file (SPI in house)		
Sticker	sticker	1	
Instructions	instructions	1	