

# Polaris RZR & General Reverse LED Light Kit



## Installation Instructions for Part No. 66008

### Hardware Included:

- 1 – LED Light
- 1 – Wire Harness
- 1 – Gear Switch Adaptor
- 1 – Ground wire
- 1 – 12V Bypass Switch
- 1 – Spade Terminal Wire
- 1 – Ring Terminal Wire
- 1 – LED Light Wire
- 4 – Cable Ties (not pictured)

### Tools Required:

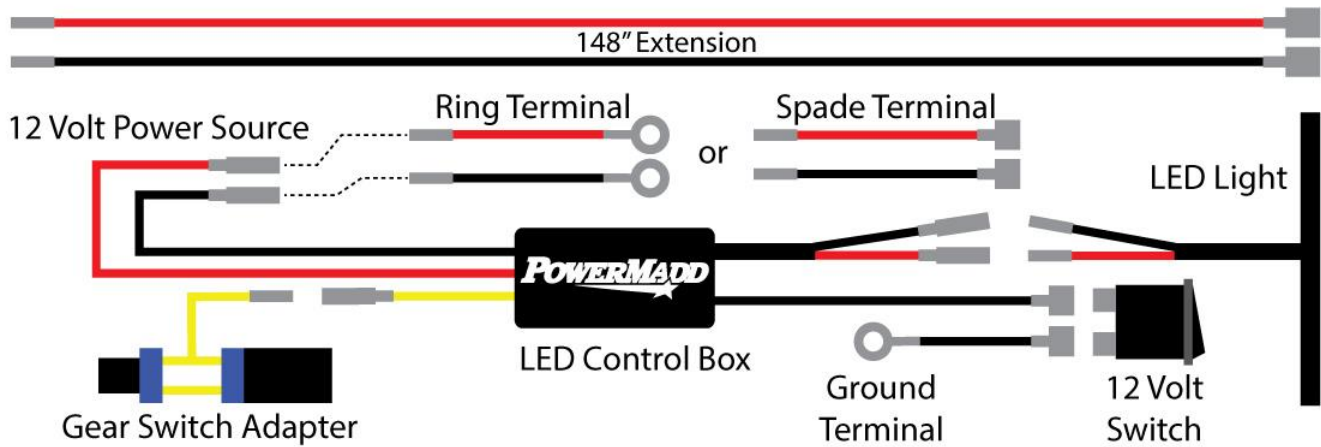
- Screwdriver
- 4mm allen wrench



### PLEASE READ ALL INSTRUCTIONS CAREFULLY PRIOR TO INSTALLATION

**Attention:** The assembly of this product can be complicated and requires good technical understanding. If you are not sure on how to do this or have a vehicle with complex electronics, have a service center perform the installation. PowerMadd accepts no liability for damages caused by improper installation. Before proceeding familiarize yourself with all the parts contained in the Reverse Light Kit and the wiring schematic. Reference parts list and schematic. Please note that all parts may not be used depending on application.

## Wiring Diagram



### STEP 1: 12V Bypass Switch

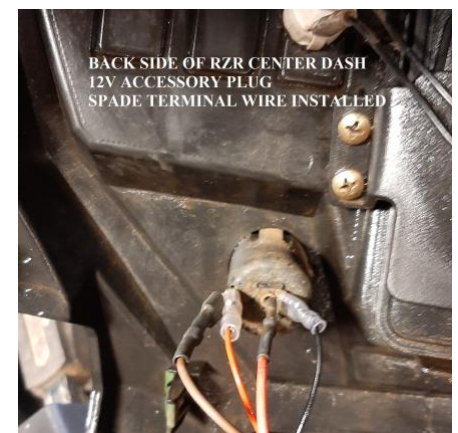
Find a convenient spot for your 12-volt bypass switch. Somewhere on the center dash is a good location. You can also use an aftermarket accessory switch. **SEE PHOTO** You will need approximately 1.25" of clearance behind the hole for the switch and wires. Drill a  $\frac{3}{4}$ " hole and with a small file create a slot for the indexing tab on the 12-volt switch. Remove wires from the 12V switch and press into place. The wire from the module/harness will go to the center tab on the switch and the ground wire is connected to the 12V switch on the "O" side. The ground wire will also need to be connected to a good chassis ground.



### STEP 2: Locate 12V power location

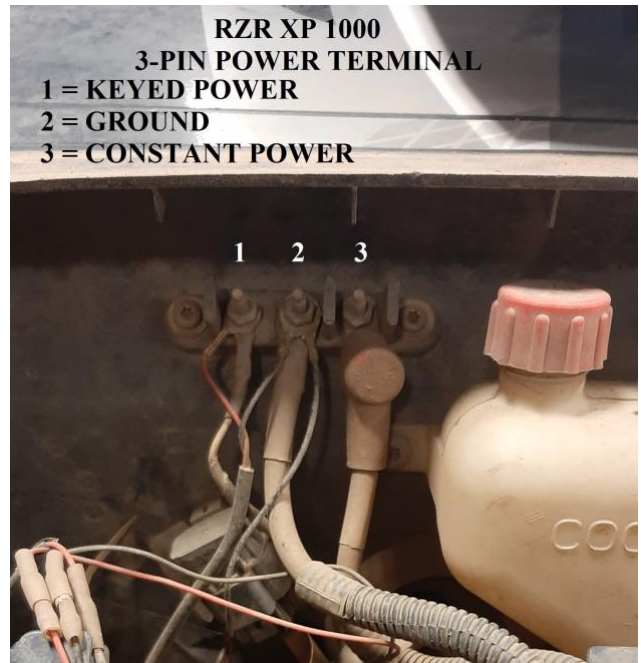
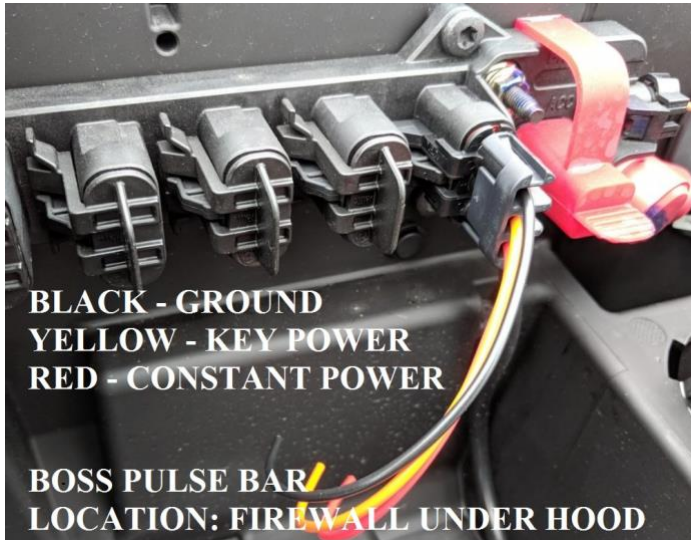
Three potential power locations.

**Option One:** Use the 12v accessory outlet which requires the use of the spade terminal wire. Unplug wires and replace with Spade terminal wire. Reinstall factory wires onto the dual spade terminals.





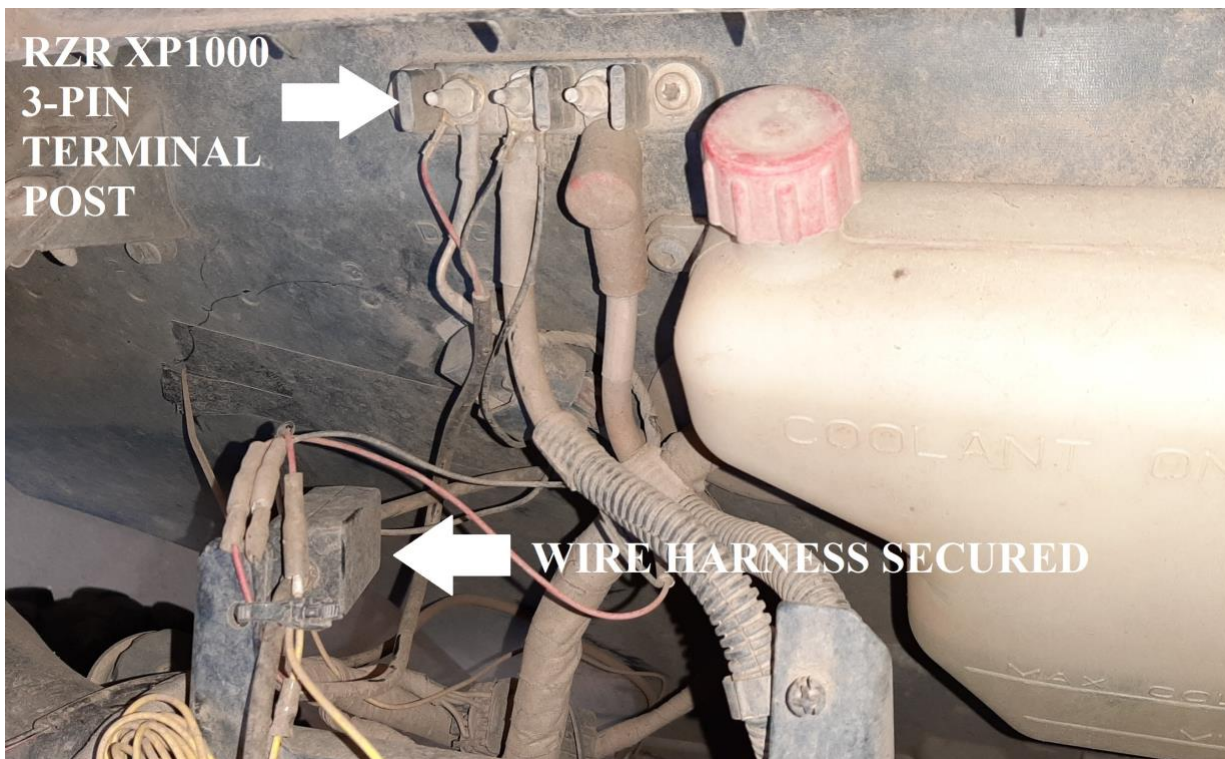
**Option Two:** 3-pin terminal post located on the fire wall under the front hood. This will require the ring terminal wire.



**Option Three:** Boss terminal pulse bar located on the fire wall under the front hood. This will require a bus bar wire harness (not included) and the PowerMadd terminal wire.

### STEP 3: Secure Wire Harness

The wire harness should be secured somewhere near the passenger side fire wall. **SEE PHOTO**



## STEP 4: Reverse Wire

The Gear Position sensor is located on the transmission near the rear passenger wheel. Unplug the connector and replace with the PowerMadd Gear Switch Adaptor. Reinstall the factory wire into the PowerMadd Gear Switch Adaptor. **SEE PHOTOS**



## STEP 5: Securing LED Light

Using the RZR 1.75" clamp mount LED light on a rear roll cage tube. The lights can be mounted flush on the General. **SEE PHOTO.**



## STEP 6: Hooking up the wires

Route the LED light wire from the harness that is placed under the front hood to your LED light and connect the wires. Make sure you avoid all moving and hot surfaces. Secure wire using the included cable ties. Route the yellow wire labeled "reverse switch" down toward the reverse switch. Make sure you avoid moving and hot surfaces. Connect the yellow wire to the PowerMadd Gear Switch Adaptor that you installed in step 3. Secure wires using the included cable ties.



## STEP 7: Programming the module

### Keyed Power

- 1) Install the control module per included wiring diagram.
- 2) Put transmission in REVERSE and make sure the key is in the OFF position.
- 3) Start with key OFF and **bypass switch ON** and wait at least 10 seconds before proceeding.
- 4) Turn the key 2 clicks to the ON position (**NOT** the accessory power setting) and wait about 5 seconds or until you see the reverse indicator on the gauge.
- 5) Turn the bypass switch **OFF and back ON 4 times** - should end up back in the ON position.
- 6) Wait a few seconds until the backup light flashes twice then stays on indicating successful setup and then turn the key and bypass switch OFF.
- 7) Test the programming by turning the bypass switch OFF, turning the key On and move the gear selector between gears making sure the light only turns on when placed in REVERSE.

### Constant Power

- 1) Install the control module per included wiring diagram except do not connect the positive wire coming from the module box.
- 2) Put transmission in REVERSE and make sure the key is in the OFF position.
- 3) Connect the positive wire to the power source.
- 4) With key OFF and **bypass switch ON** wait at least 10 seconds before proceeding.
- 5) Turn the key 2 clicks to the ON position (**NOT** accessory power setting) and wait about 5 seconds or until you see the reverse indicator on the gauge.
- 6) Turn the bypass switch **OFF and back ON 4 times** - should end up back in the ON position.
- 7) Wait a few seconds until the backup light flashes twice then stays on indicating successful setup and then turn the key and bypass switch OFF.
- 8) Test the programming by turning the bypass switch OFF, turning the key On and move the gear selector between gears making sure the light only turns on when placed in REVERSE.

**Note:** If the gear selector is left in the REVERSE position, it will cause a drain on the battery.

### Switch pole position with three tab switch

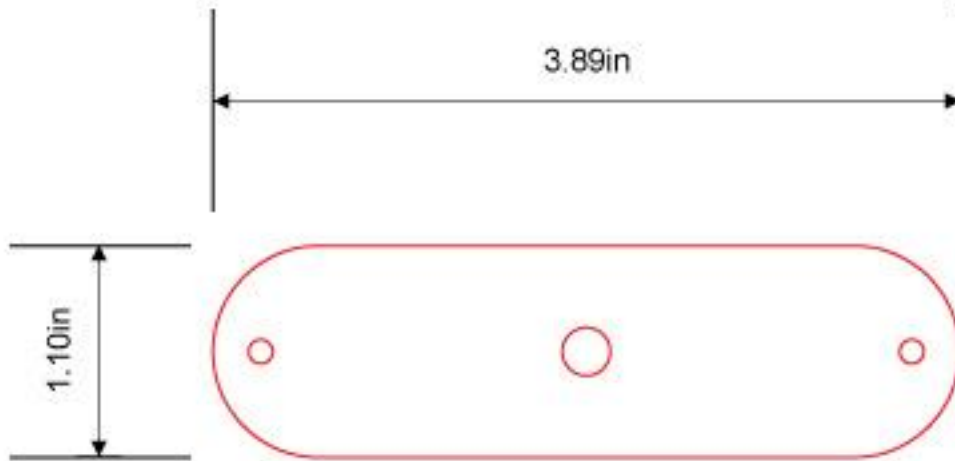
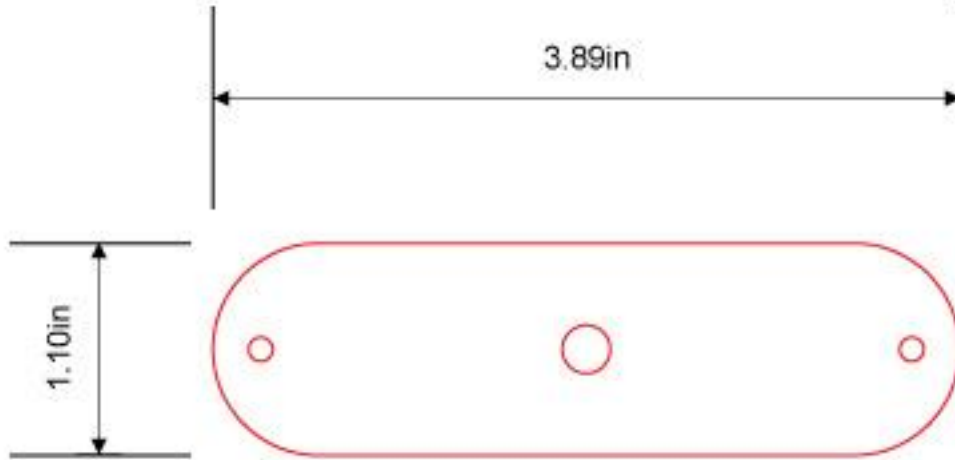
- 1) Connect the first wire to the center pole
- 2) Connect the second wire to the pole on the circle side of the switch
- 3) The circle indicates OFF and the vertical line indicates ON

### Bypass Switch



## Template

Make sure the scale is correct before drilling any holes in your machine.



## LIMITED WARRANTY

**PowerMadd** guarantees its products against defects in material and workmanship for a period of twelve (12) months from the original date of purchase. **POWERMADD** shall not be liable for damage or injury caused by defective materials or workmanship. **POWERMADD** may elect to repair or replace this product, but is the sole judge of any defects in their product. This warranty does not cover any labor costs to remove or reinstall this product and is effect for one year from the original purchase date.