

Polaris Sportsman Reverse LED Light Kit



Installation Instructions for Part No. 66007

Hardware Included:

- 1 – LED Light
- 1 – Wire Harness
- 1 – Gear Switch Adaptor
- 1 – Ground wire
- 1 – 12V Bypass Switch
- 1 – Spade Terminal Wire
- 1 – LED Light Wire
- 6 – Cable Ties
- 2 – Clamps w/hardware

Tools Required:

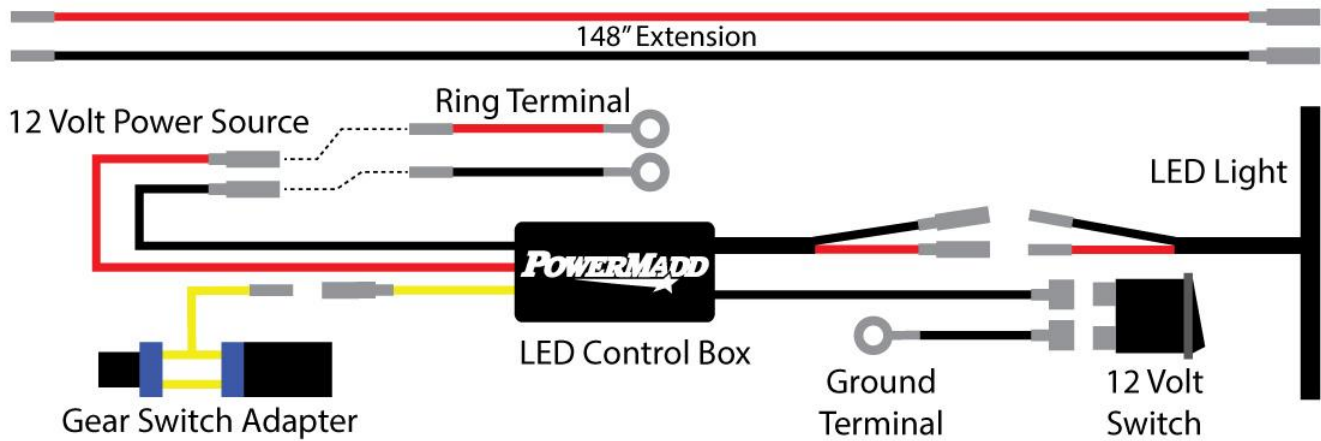
- Screwdriver
- 4mm Allen wrench
- Open end wrenches
- Drill



PLEASE READ ALL INSTRUCTIONS CAREFULLY PRIOR TO INSTALLATION

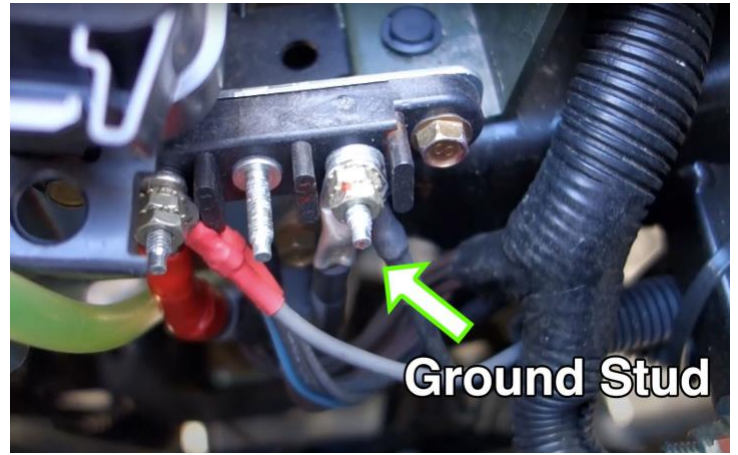
Attention: The assembly of this product can be complicated and requires good technical understanding. If you are not sure on how to do this or have a vehicle with complex electronics, have a service center perform the installation. PowerMadd accepts no liability for damages caused by improper installation. 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. **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. **SEE PHOTO**



STEP 2: Locate 12V power location

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. **SEE PHOTO**



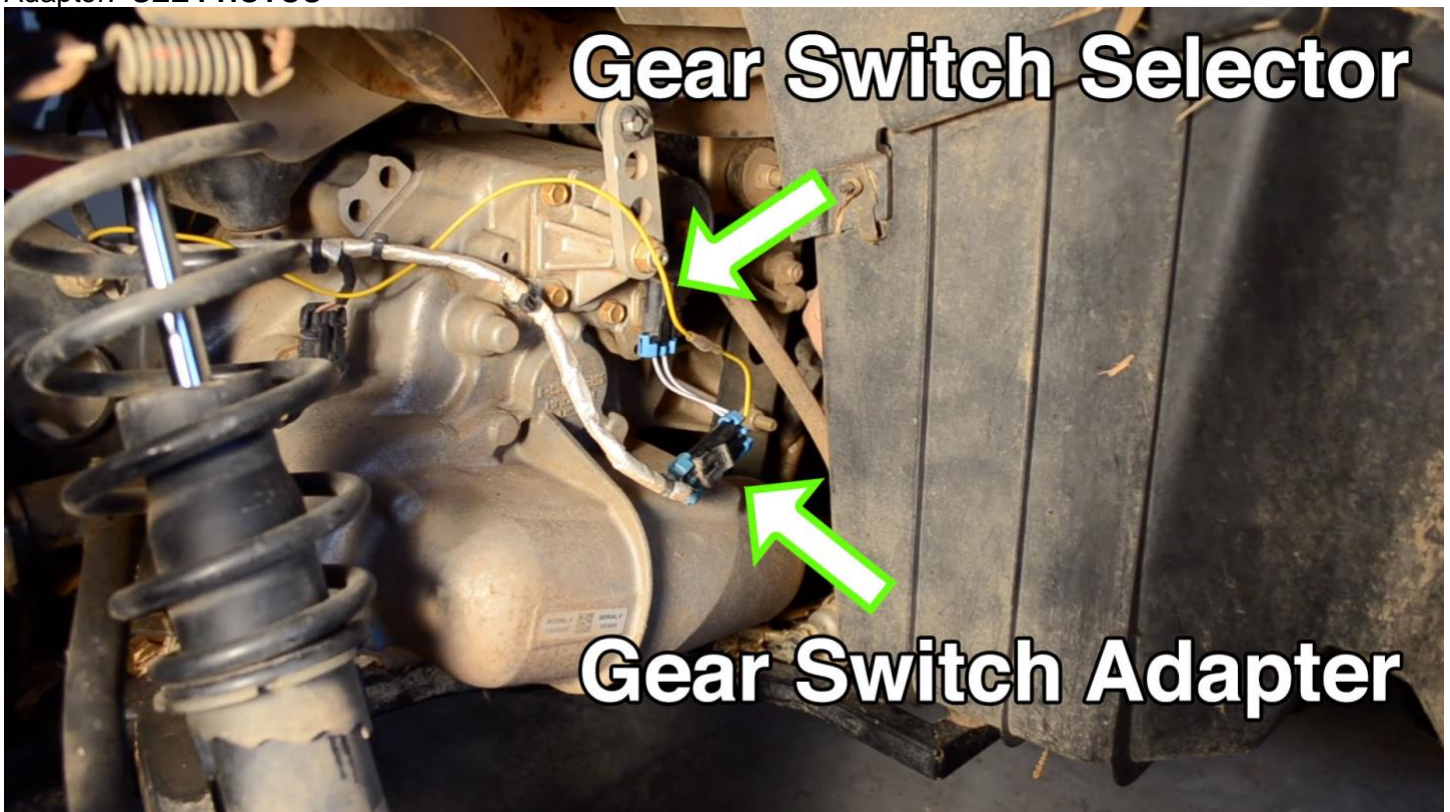
STEP 3: Secure Wire Harness

The wires should be secured somewhere near the stock wire harness with the supplied zip ties. Make sure the wires are not exposed to excessive wear and heat. **SEE PHOTO**



STEP 4: Reverse Wire

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



STEP 5: Securing LED Light

Using the supplied clamps, mount the LED light on a rear luggage rack tubing. The lights can be mounted in the up or down position. The light can be attached in four different orientations. Determine which is best for your situation considering your luggage and rack use. For 1" tubing, use the longer screws and for 7/8" tubing and use the shorter screws. The small Phillips button head screws are used to attach the LED light to the brackets. **SEE PHOTOS.**



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

- 1) Put transmission in REVERSE and turn OFF key.
- 2) Start with key OFF and **12v switch/bypass switch ON** and wait at least 10 seconds before proceeding.
- 3) Turn key ON (accessory power setting) and wait about 5 seconds.
- 4) Turn the bypass switch **OFF and back ON 4 times waiting about a second** between each switch change. You should end up back in the ON position.
- 5) Wait a few seconds until the reverse light flashes twice indicating successful setup and then turn the key and bypass switch OFF.
- 6) The reverse lights should now turn on automatically when the vehicles is shifted in to reverse.

Installation Video Link: <https://youtu.be/QSMVBA3YH3I> or search: Powermadd

Installation Video Link: <https://youtu.be/j4C7vHSSv24> or search: Powermadd

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.