

# Yamaha UTV Backup Light Kit

## Installation Instructions for Part No. 66006



### Hardware Included:

- 1 – 12W LED Flood Light
- 1 – Wire Harness w/12v switch
- 1 – 12v Accessory adaptor
- 2 – M4 x 25mm screw for light
- 2 – M4 Nut for LED light
- 2 – M4 Lock nut for LED light
- 2 – 45x20 EVA pad for LED light
- 2 – Male spade terminals
- 2 – T-Taps
- 4 – Cable Ties

### Tools Required:

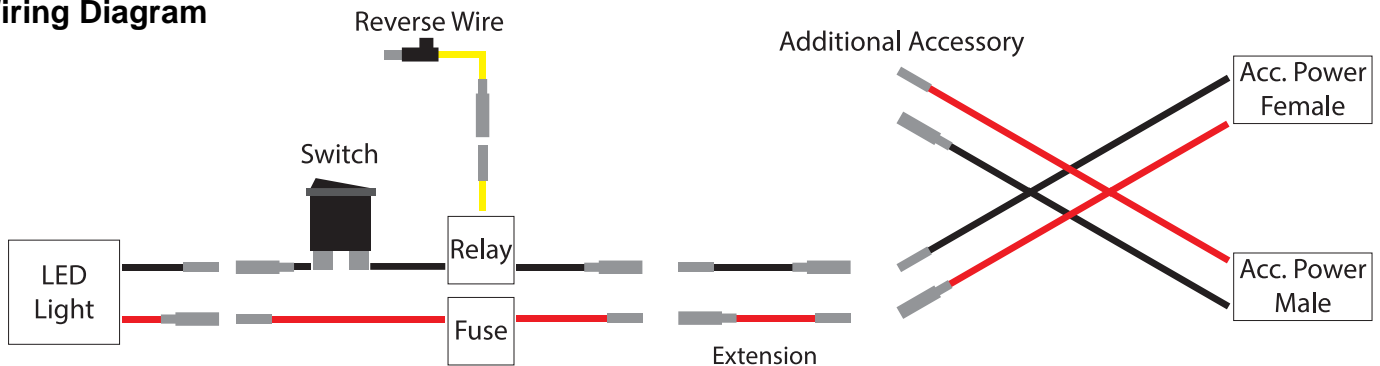
- Screwdriver
- 4mm allen wrench



### 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 Backup 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



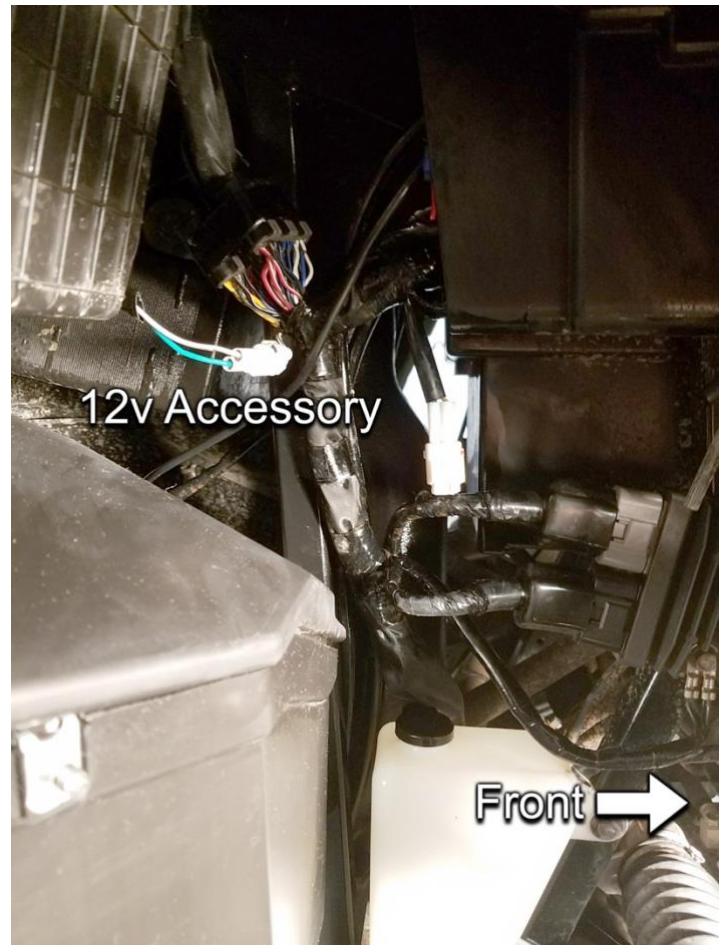
### STEP 1: 12V Switch

Find a convenient spot for your 12-volt switch. Somewhere near the driver that is easily accessible. The center console next to the shifter is a good location. **SEE PHOTO** You will need approximately 1.25" of clearance behind the hole for the switch and wires. Drill a 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. Take note of the location of the wires on the back of the 12V switch these need to be replaced in the same location. The relay will also need to be secured near this location. Make certain the relay is clear of moving and hot parts of your UTV.



## STEP 2: Locate 12 volt accessory plug connector

You will find the 12 volt accessory plug connector located under the front right fender of the UTV. Disconnect the connector and plug-in the PowerMadd accessory adaptor. Route the wires labeled “ground” and “+” toward the PowerMadd accessory adaptor. Plug the wire labeled “ground” into the one of the black wires from the PowerMadd accessory adaptor. Plug the wire labeled “+” into one of the red wires from the PowerMadd accessory adaptor. The extra red and black wires are for other accessories such as a winch. **SEE PHOTO**



## STEP 3: Reverse Wire

The reverse switch is located in the middle of the engine cases. To access the switch, you must remove the center council and on some model the air box boot. Refer to the owners manual on how to remove the center council. Unplug the connector to the reverse switch and replace with PowerMadd's 2-way Yamaha connector. Reinstall the OEM Yamaha connector onto the PowerMadd 2-way connector. **SEE PHOTO**



#### STEP 4: Securing LED Light

Connect the backup light to the back of the UTV. Find the location on the rear of the UTV where you would like the backup light. Using the backup light as a template drill two (2) 11/64" holes for the bolts and one (1) 1/2" hole for the backup light wires **SEE PHOTO.**



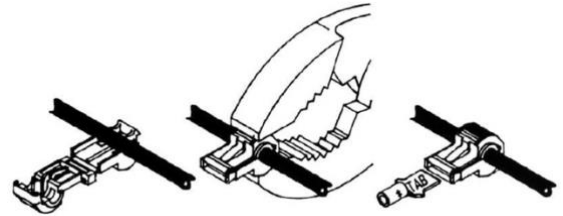
#### STEP 5: Hooking up the wires

Route the backup light wire from the harness to your backup light and connect the wires. Make sure you avoid all moving and hot surfaces. Secure wire using the included zip ties. Route the yellow wire labeled "reverse switch" down toward the reverse switch. Make sure you avoid moving and hot surfaces. Connect the wire to the reverse switch that you installed in step 3. Secure wires using the included zip ties.

**If not using the 12v accessory adaptor you can use the included T-taps connectors to tap into the power and ground wires.**

#### **T-Taps Install Instructions:**

1. Place wire in open channel of the T Tap.
2. Fold T Tap connector body until element contacts wire.
3. Crimp T Tap closed with pliers. Find a safe location to secure the LED control box away from heat sources and impact damage. Secure LED control box using supplied zip ties.



**NOTE: Instructions are posted on our web site [www.powermadd.com](http://www.powermadd.com) in full color. Click on fitment/instructions.**

#### 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