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Snowmobile Lighting Kit Installation Guide

To be used in Conjunction with the Included Motorcycle Lighting Kit Instructions

1. Upon receiving your new snowmobile lighting kit, we ask that you first test the kit to ensure it is functioning correctly. Plug the male connections from the strips and control box into the female connections of the harness. Connect the red power wire to the positive terminal of the battery and the black ground wire to the negative terminal of the battery. Once the wires are temporarily secure, power the kit to ensure full functionality before installing it. If everything appears to be working correctly, turn the kit off and disconnect the power and ground wires from the battery to prepare for installation.
2. Begin by first laying out the LED lighting strips similar to the way they will be installed. Make sure that the wires will be able to be routed in such a way that they will not be pinched, cut or exposed to heat. Also, keep the wires and strips away from all moving parts that may come in contact with any piece of the kit. **IF A POWER WIRE IS PINCHED, IT WILL CAUSE THE KIT TO MALFUNCTION AND WILL VOID THE WARRANTY DUE TO PHYSICAL DAMAGE.**
3. Remove any trim pieces from your snowmobile that may hinder the installation of the lighting strips. When installing the strips you want to make sure that any panels that need to be removed for routine maintenance such as the hood or cowl can still be removed easily from your snowmobile. A few recommended locations to mount the light strips on your snowmobile are under the gas tank, in the cowl area, under the tail above the track, and under the running boards.
4. Clean the proposed mounting surfaces with an alcohol prep pad once the snowmobile lighting strips and wires have been mocked up. The mounting surface should be between 45 and 85 degrees Fahrenheit to achieve the strongest bonding results from the doubled sided adhesive tape.
 - **Note:** The surface area must be free of all oils, moisture, dirt, and wax so that the supplied adhesive tape can bond and adhere to the installation surface correctly.
 - **Optional:** To achieve the most reliable bond between the lighting strips and the snowmobile, you can use 3M Adhesive Promoter, which is sold separately from your kit.
5. Mount each lighting strip to the cleaned and dry surface of the snowmobile by using the supplied 3M tape. Run the wires to the planned location of the control box and secure the wire by using the included zip ties. **Be sure to use the zip ties, this is an essential step and should not be skipped.** When running the wires, be sure not to run any under the hull of the snowmobile to ensure the wires will not be damaged in deep snow conditions. Once this step is complete and the lighting strips and wires are secure, allow ample time for the adhesive to settle and cure. Repeat this step for the remaining strips included with your kit.
6. The kit was designed using a modular locking plug system for connecting the snowmobile lighting strips to the control box by using the included wire harness. Start plugging the male connections from the strips and control box into the female connections of the harness. **DO NOT SHORTEN OR CUT ANY WIRES; YOU WILL VOID THE WARRANTY.**
7. Connect the red power wire from the control box to the positive terminal of the battery. If the power wire needs to be extended, be sure to use 16 or 18 gauge automotive grade wire. Be sure to reinstall the fuse within 6 inches of the battery. Connect the black ground wire to the negative terminal of the battery.
8. Reinstall any trim pieces that were removed and test the functionality of your kit by pressing the on/off button on the wireless remote.