

Installation Instructions

16160900 SnowDogg® LED Low Profile Plow Headlights with Integrated Flashers

Patent Pending

Installation

There are two connectors on each light. The larger 5-pin connector plugs into the SnowDogg® light harness. The smaller 2-pin connector is for the integrated warning lights and may not be used if not desired.

Warning Lights Wiring (2-Pin Connector)

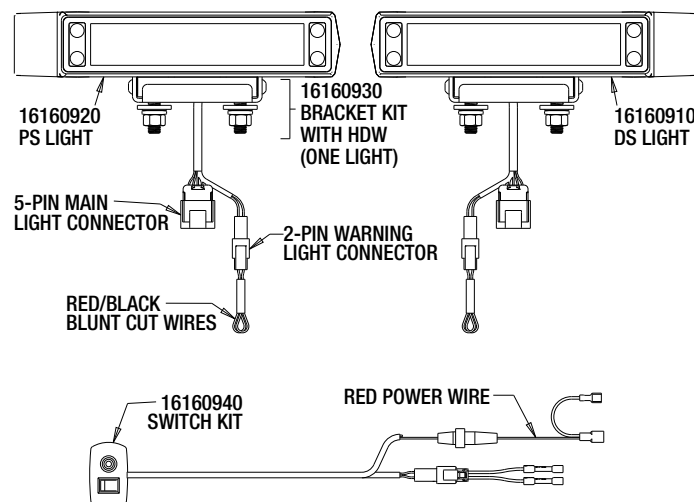
The warning lights use the same lights that are used for the parking lights. Operating the warning lights will disable the parking lights. To operate the warning lights, remove the heat shrink tubing protecting the RED and BLACK blunt cut wires and wire them as follows:

RED: Power (+) Connect to +12VDC through a LATCHING switch (5A min rating) to enable the warning lights

BLACK: Pattern (Mom+) Connect to +12VDC through a MOMENTARY switch (0.5A min rating) to change the flashing pattern

Flashing Patterns

There are five different flashing patterns. Momentarily providing +12VDC power to the BLACK signal wire will change the flashing pattern. The lights will remember the last flashing pattern used when the power is disconnected.



16160900 Replacement Parts

PART NO.	DESCRIPTION
16160910	Light, Driver Side
16160920	Light, Passenger Side
16160930	Bracket Kit w/HDW (one light)
16160940	Switch Kit, Warning Lights

Switch Kit Wiring

The included switch kit can be installed to easily switch the warning lights on/off and control the flash pattern.

1. Locate the two extra blunt cut wires (RED and BLUE) in the lighting harness. These two wires start at the 8-pin connector just before the relay module, travel through the grill connectors and end at both the DS and PS 5-pin light connectors. Heat may help loosen the wires if they are difficult to remove from the harness.
2. Crimp a provided butt connector to the RED wire from the 2-pin LED light connector and the other end to the RED wire in the lighting harness near the 5-pin light connector. Do this for both the DS and PS lights and melt/shrink the heat shrink sleeving to seal the connection.
3. Crimp a provided butt connector to the BLACK wire from the 2-pin LED light connector and the other end to the BLUE wire in the lighting harness near the 5-pin light connector. Do this for both the DS and PS lights and melt/shrink the heat shrink sleeving to seal the connection.
4. Locate a place inside the vehicle for the light switch and mount in place using the provided adhesive foam tape.
5. Run the 2-pin connector from the switch kit through the firewall and to the RED and BLUE wires in the lighting harness located at the 8-pin connector just before the relay module.
6. Crimp the butt connector from the RED wire on the 2-pin connector to the RED wire in the lighting harness. Melt/shrink the heat shrink sleeving to seal the connection.
7. Crimp the butt connector from the BLACK wire on the 2-pin connector to the BLUE wire in the lighting harness. Melt/shrink the heat shrink sleeving to seal the connection.
8. The RED power wire with fuse can either be connected to the RED/WHITE wire in the control harness before the 15A fuse or between the RED/WHITE and ORANGE wires (RED/WHITE and WHITE/BLACK for switched ground installations).

CAUTION

This light will become hot under continuous use. Do not remove or touch the casing for at least 30 minutes after turning the light off. Keep the heat sink clean and exposed to maintain airflow.

WARRANTY

Buyers Products Co. warrants all truck/trailer hardware manufactured or distributed by it, to be free from defects in material and workmanship for a period of one year from date of shipment. Parts must be properly installed and used under normal conditions. Any product which has been altered, including modification, misuse, accident or lack of maintenance will not be considered under warranty. Normal wear is excluded. The sole responsibility of Buyers Products Co. under this warranty is limited to repairing or replacing any part or parts which are returned, prepaid, and are found to be defective by Buyers Products Co. Authorization from Buyers Products Co. must be obtained before returning any part. No charges for transportation or labor performed on Buyers' products will be allowed under this warranty.