

Installation Instructions

8894060 59in. Arrow Light Bar

⚠ WARNING

Improper installation and operation could cause personal injury, and/or property damage. Observe the following Safety Precautions before, during and after operating this spreader. By following these precautions and common sense, possible injury to persons and potential damage to this product may be avoided.

- Proper installation of this product requires the installer to have a good understanding of automotive electronic systems and procedures. All products must have the proper fuse installed.
- If drilling holes is required to mount this product, the installer MUST be certain that no vehicle components or other vital parts will be damaged by the drilling process. Check both sides of the surface to be drilled before drilling begins. Deburr any holes and remove any metal burrs. Install grommets into all wire passage holes.
- Do not install this product or route any wires in the deployment area of your vehicle's air bag. Equipment mounted or located in the air bag deployment area will damage or reduce the effectiveness of the air bag or become a projectile that could cause serious personal injury or death to the driver or passengers. Refer to your vehicle owner's manual for the air bag deployment area. The user/installer assumes full responsibility to determine proper mounting location based on providing ultimate safety to all passengers inside the vehicle. Install only where vehicle manufacturer recommends.
- For this product to operate at optimum efficiency, a good electrical connection to chassis ground must be made. The recommended procedure requires the product ground wire to be connected directly to the NEGATIVE [-] battery post. At a minimum, it may be attached to a solid metal body or chassis part that will provide an effective ground path.
- Make certain that that in-cab controller is in an area that allows both the vehicle and the control to be operated safely.
- Do not attempt to activate or control this device in a hazardous driving situation.
- Do not look directly into the LED lights. Momentary blindness and/or eye damage could result.
- Use only soap and water to clean the outer lens. Use of other chemicals may result in premature lens cracking [crazing] and discoloration. Lenses in this condition have significantly reduced effectiveness and should be replaced immediately. Inspect and operate this product monthly to confirm its proper operation and mounting condition. Do not use a pressure washer to clean this product.
- It is recommended that these instructions be stored in a safe place and referred to when performing maintenance and/or reinstallation of this product.



IMPORTANT ELECTRICAL INSTRUCTIONS

- DO NOT use a cigarette lighter socket as a power source for this or any electrical accessory! Use a 12-volt accessory power port or auxiliary power outlet of sufficient capability. Do not exceed the manufacturer's power rating for the selected port/outlet.
- DO NOT pull on the power plug wires when removing the plug from the outlet! To remove, firmly grasp the power plug housing and pull.
- It is the responsibility of the installation technician to make certain that the installation and operation of this product will not interfere with or compromise the operation or efficiency of any existing vehicle equipment.
- Before returning the vehicle to active service following installation of this accessory, visually confirm the proper operation of this product, as well as all vehicle components and equipment.
- ANY DEVIATIONS FROM THESE ELECTRICAL INSTRUCTIONS WILL VOID THE PRODUCT WARRANTY.

FAILURE TO FOLLOW THESE SAFETY PRECAUTIONS AND ELECTRICAL INSTRUCTIONS MAY RESULT IN DAMAGE TO THE PRODUCT OR VEHICLE AND/OR SERIOUS INJURY TO YOU, YOUR PASSENGERS AND BYSTANDERS!

Before Beginning Installation

We recommend doing a bench test before installation to ensure that all components are working properly. Once the bench test is complete, follow the steps below:

- 1.** Choose the Arrow Light and In Cab Controller locations.
- 2.** Install the wire harness into the vehicle, when necessary, drill an appropriate sized hole(s) for passing the harness through vehicles walls. Install split grommets in all drilled holes to avoid abrasion with the harness.
- 3.** Once all harness wiring has been properly routed, perform a system function test by temporarily connecting the system. If the system seems to not be operating properly double check all connections, power and ground.

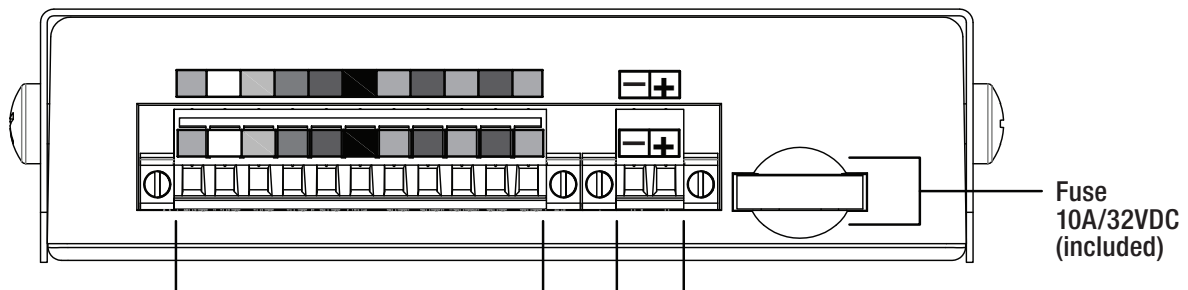
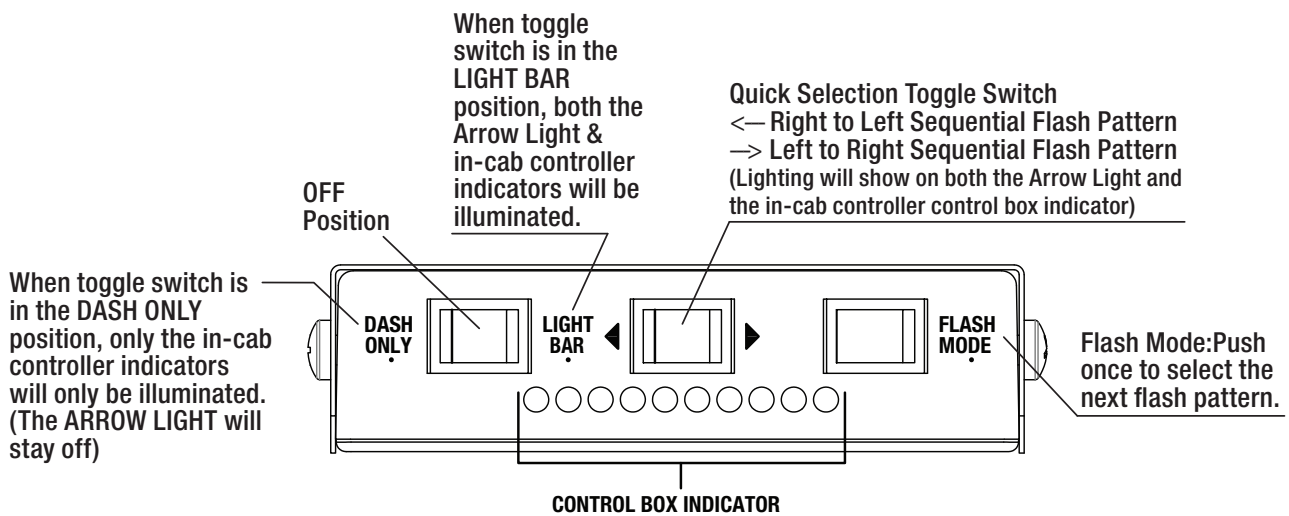
Arrow Light Cable Routing

1. Be sure to route the harness carefully. Do not run the harness over sharp edges. Do not kink the harness and keep the harness away from HOT and rotating parts, such as but not limited to, exhaust systems and drive shafts.
2. Fasten and secure all excess harness with cable ties.

In-Cab Controller

1. Attach the U-Shaped Bracket to the dashboard or to the headliner/roof using the appropriate screws.
2. Attach the In-Cab controller to the U-Shaped Bracket and adjust mounting angle to allow optimum driver viewing comfort.

FLASH PATTERN	DESCRIPTION
1	Left & Right Alternating Quad Flash (2 sequences)
2	Left & Right Alternating Quad Flash, Full Unit Quad Flash (3 sequences)
3	Full Unit Quad Flash (1 sequence) SAE
4	Left & Right Alternating Single Flash (2 sequences) SAE
5	Centre Quad Flash, Left & Right Quad Flash (2 sequences)
6	Left to Right Sequential Flash to fill the lights (6 sequences)
7	Right to Left Sequential Flash to fill the light (6 sequences)
8	Centre Single Flash, Centre to Left & Right Sequential Flash to fill up the light (4 sequences)



- To connect the wire harness to the In-Cab controller**
1. Loosen the screw terminals.
 2. Insert all 11 wires into the slots on the controller that match the wire color.
 3. Tighten each terminal securely.

- To connect the power harness to the In-Cab controller**
1. Loosen the screw terminals.
 2. Insert positive wire to +
 3. Insert negative wire to -
 4. Tighten each terminal securely.

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.