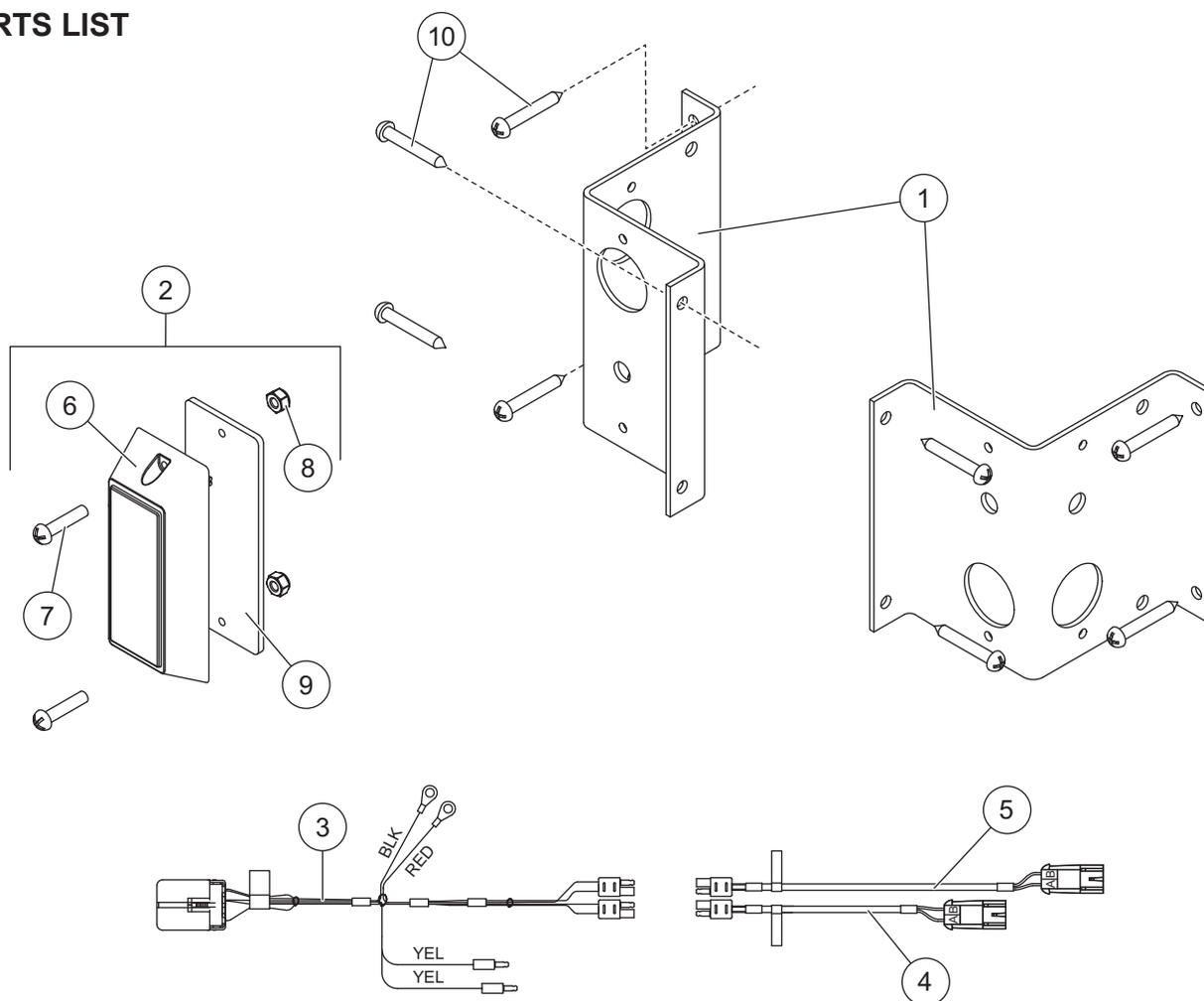


Strobe Light Kit

Poly Hopper Spreaders w/FLEET FLEX System

PARTS LIST



99766 Strobe Light Kit							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	78435	2	Strobe Light Bracket	4	78378	1	Harness – Short
2	78379	2	Strobe Light Assembly – LED	5	78386	1	Harness – Long
3	78381	1	Relay/Fuse & Harness Assembly	ns	99768	1	Bolt Bag
Item 2			78379 Strobe Light Assembly – LED				
6		1	Strobe Light – LED	8		2	#6-32 Locknut SS
7		2	#6-32 x 5/8 Machine Screw SS	9		1	Strobe Light Gasket
ns			99768 Bolt Bag				
10		8	#10 x 1-1/2 Pan Head Phillips Screw SS	ns		4	#6-13 x 3/4 Button Head Screw SS
				ns		8	Cable Tie – 15.35"
			ns = not shown	SS = Stainless Steel			

INSTALLATION INSTRUCTIONS

⚠ WARNING

Do not exceed GVWR or GAWR ratings as found on the driver-side vehicle door cornerpost.

⚠ CAUTION

Read this document before installing the strobe light kit.

⚠ CAUTION

Use standard methods and practices when attaching spreader and installing accessories, including proper personal protective safety equipment.

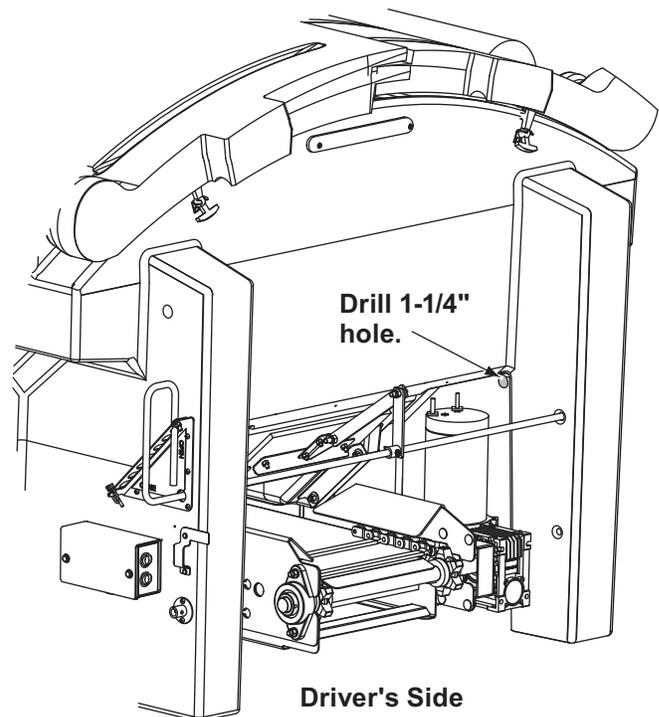
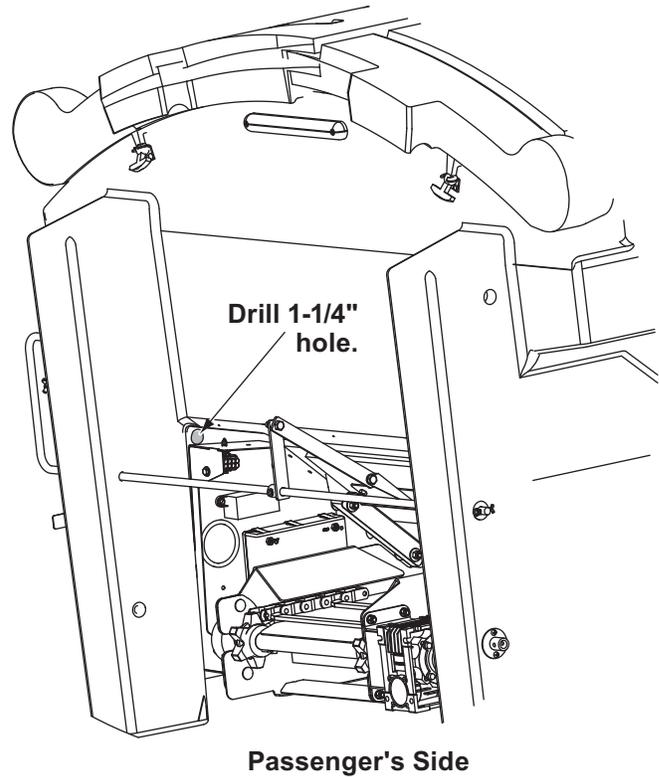
Install Brackets and Lights

1. Park the vehicle on a smooth, level, hard surface, such as concrete. Turn the vehicle ignition to the "OFF" position and remove the key.

⚠ CAUTION

Before drilling holes, check to be sure that no vehicle wiring or other components could be damaged.

2. Drill two 1-1/4" holes as shown. Harnesses will be fed through these holes.

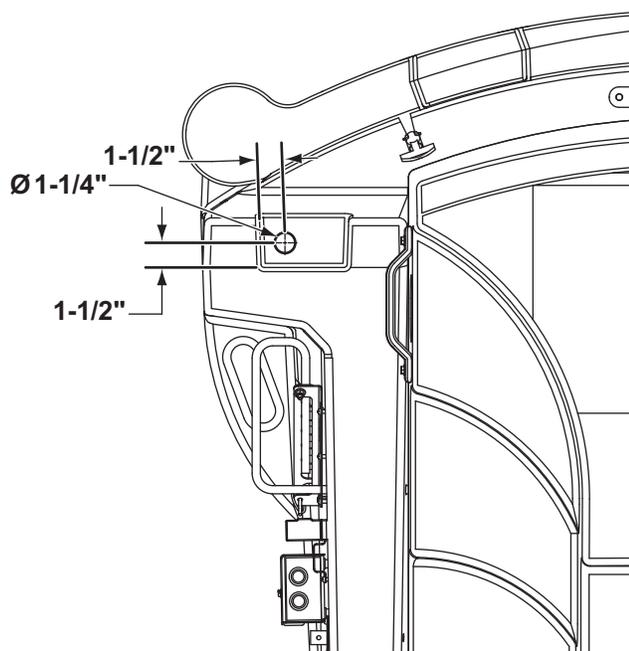


For Hoppers with Molded Strobe Locations:

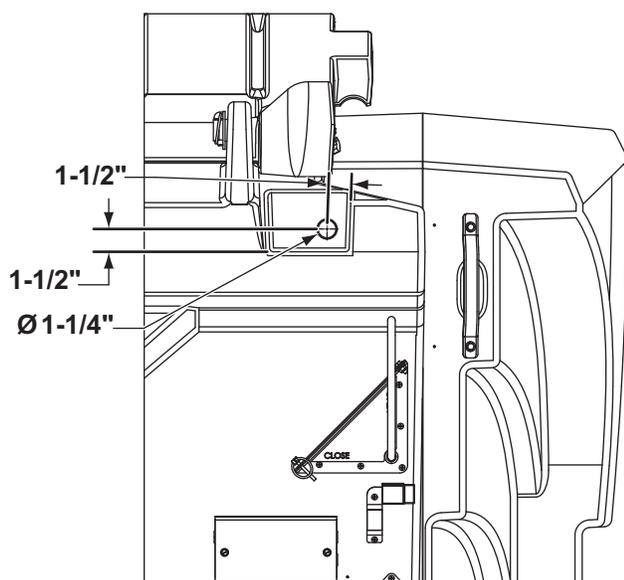
⚠ CAUTION

Before drilling holes, check to be sure that no vehicle wiring or other components could be damaged.

Drill 1-1/4" holes in the desired strobe pocket (side or rear) on both sides at the location shown below.



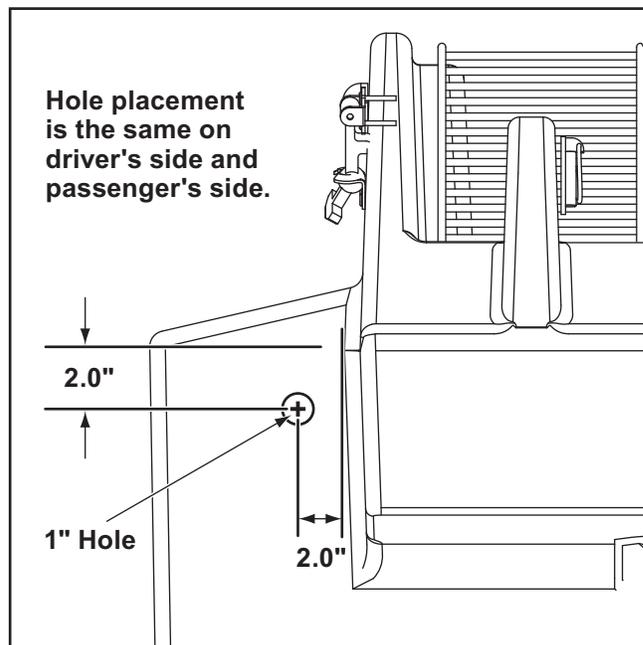
Rear



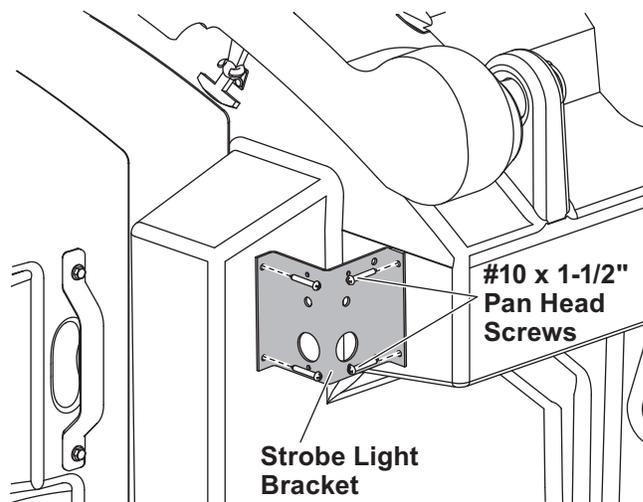
Side

For Hoppers without Molded Strobe Locations:

1. Drill 1-1/4" holes at the location shown below.



2. Using the bracket as a template, mark the location of the four bracket mounting holes on the hopper and drill pilot holes using a #2 or 5/32" drill bit.
3. Install the passenger-side bracket to the hopper using the supplied #10 x 1-1/2" pan head screws.



4. Repeat Steps 1–3 for the driver-side bracket.

Passenger-Side Harness Routing:

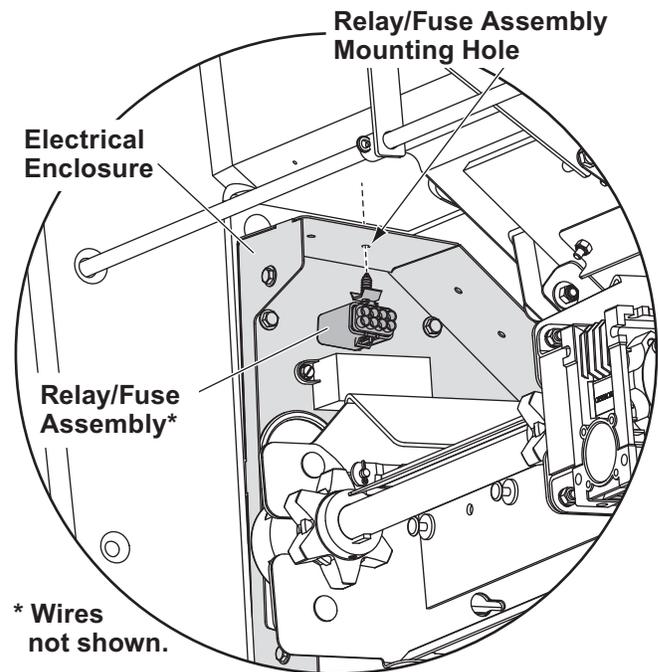
1. Feed the two-way trailer plug end of the longest harness into the drilled hole behind the passenger-side strobe light. Thread the plug end through the hole on the inside of the hopper rear leg (located just above the conveyor motor).
2. Run the harness across the back of the hopper, following the conveyor motor's cable assembly.
3. Route the harness along the top of the electrical enclosure and into the back side behind the cover.
4. Plug the strobe light connector into the strobe light harness. Using the cable ties as needed, secure the harness to the strobe light bracket and existing motor cable.
5. Install the strobe light using the supplied screws.

Driver-Side Harness Routing:

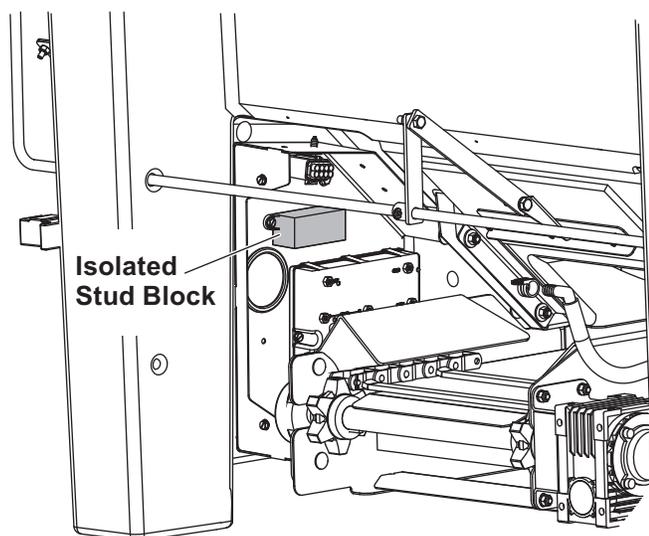
1. Feed the two-way trailer plug end of the shorter harness into the drilled hole behind the driver-side strobe light bracket. Thread the plug end through the hole on the inside of the hopper rear leg (located just above the electrical enclosure).
2. Route the harness along the top of the electrical enclosure and into the back side behind the cover.
3. Plug the strobe light connector into the strobe light harness. Using the cable ties as needed, secure the harness to the strobe light bracket.
4. Install the strobe light using the supplied screws.

Install Harness and Relay/Fuse Assembly

1. Mount the relay/fuse assembly to the electrical enclosure box by pushing the connector clip on the back of the assembly into one of the holes in the top of the electrical enclosure box.



2. Plug the strobe light harness connectors into the matching connectors on the relay/fuse assembly harness.
3. Remove the cover from the isolated stud block.



4. Connect the relay/fuse assembly harness red wires to the POSITIVE (+) terminal and the black wire to the NEGATIVE (-) terminal.
5. Replace the isolated stud block cover, being careful not to pinch any wires.
6. Connect the single-pin terminal on the relay/fuse assembly harness (yellow wire) to the white wire coming from port A of the spreader module.

Strobe Light Operation

The strobe light comes with a pre-set flash pattern. In some instances, it is possible for this default pattern to change to a "Steady On" mode. Should this occur, the flash pattern can be changed to any of 11 flash patterns.

1. Cut the wire seal off the yellow wire and strip 1/4" of insulation.
2. With the strobe ON, intermittently apply 12V from the vehicle power supply to the yellow wire until the strobe achieves the desired flash pattern:

MODE	PATTERN
0	Random
1	Steady
2	Single
3	Mega
4	Double
5	Triple
6	Quad
7	Quint
8	8 Flash
9	Single-Quad
10	Single H/L
11	Single-Triple-Quint

3. Reseal the yellow wire.

NOTE: The white wire is not used.

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