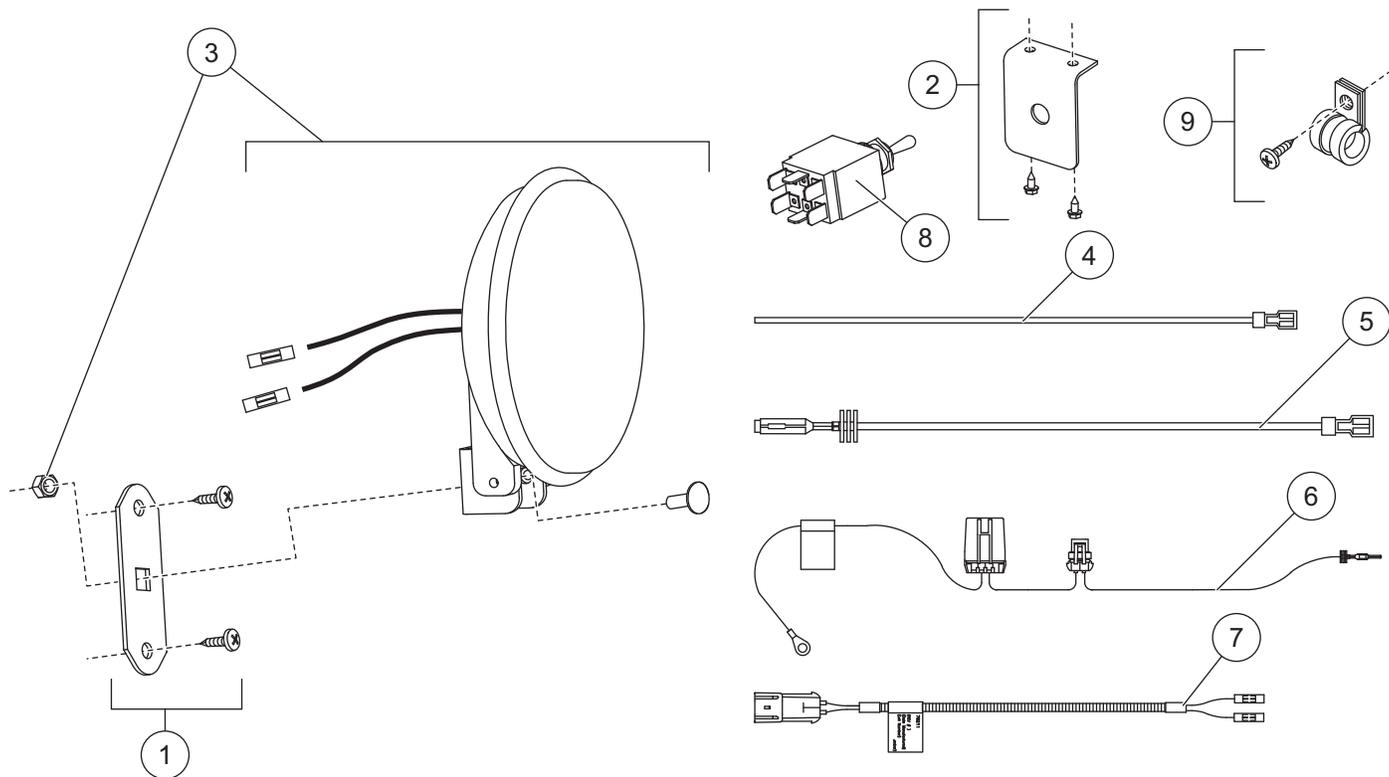


WORK LIGHT KIT

Poly Hopper Spreaders

PARTS LIST



78198 Work Light Kit

Item	Part	Qty	Description	Item	Part	Qty	Description
1	68294	1	Locking Plate Kit	7	78211	1	Harness, Work Light
2	68297	1	Switch Bracket Kit	8	53845	1	Toggle Switch, DPDT
3	68295	1	Work Light Service Kit	9	68296	3	Clamp Loop #6 Kit
4	78208	1	Ground Wire, Short	ns	59223	12	Cable Tie
5	78209	1	Ground Wire, Long	ns	56099	1	Dielectric Grease
6	78210	1	Wire Assembly w/Fuse				

ns = not shown

⚠ WARNING

Work light use is legally prohibited on public roads. Work light shall only be used in off-public-road driveways and lots.

⚠ CAUTION

Read this document before installing the Work Light Kit.

⚠ CAUTION

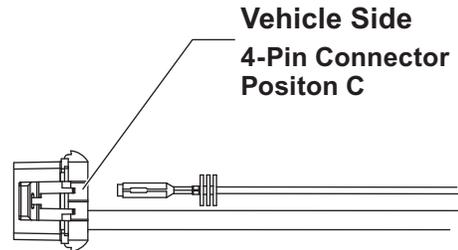
Use standard methods and practices when attaching spreader and installing accessories including proper personal protective safety equipment.



INSTALLATION INSTRUCTIONS

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.
2. Disconnect the main wiring harnesses and the 4-pin connector between the spreader and the vehicle. Refer to wiring diagram below.
3. Locate the wiring harness in the kit with the fuse holder. At the spreader module, use a cable tie to secure the fuse holder to the cables approximately 3" from the module cover. Continue to secure the light harness to the wiring harness with cable ties.
4. Remove the terminal lock on the wire end of the spreader side 4-pin connector that was disconnected in Step 2. Remove the dust plug from position C and insert the male terminal on end of the 16 gauge black wire. Replace the terminal lock on the connector.

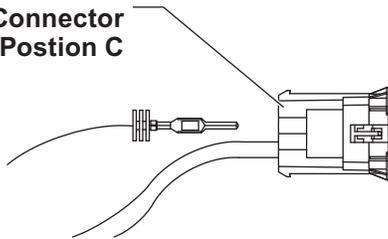
5. Remove the terminal lock on the wire end of the vehicle side 4-pin connector. Remove the dust plug from position C and insert the female terminal on the end of the long 288" black wire supplied in the kit. Replace the terminal lock on the connector.



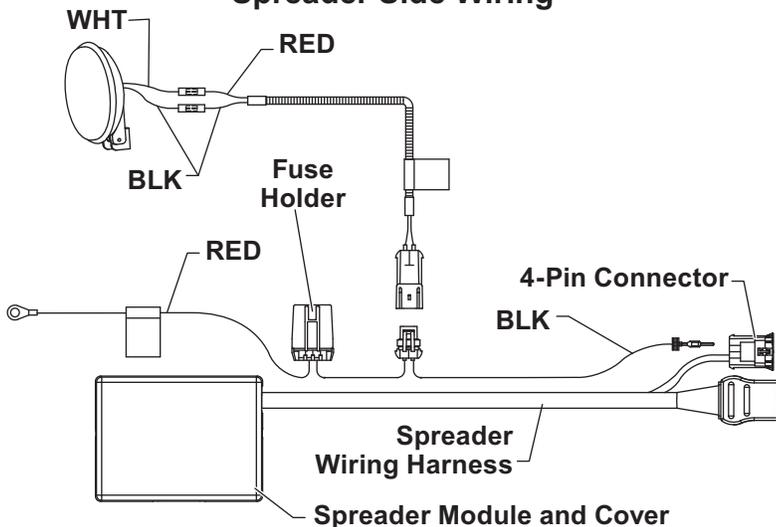
6. Install the 288" black wire along the vehicle side wiring harness and into the cab of the truck. Avoid any hot or moving parts and sharp edges.

NOTE: This switch operates by switching ground, not POSITIVE (+).

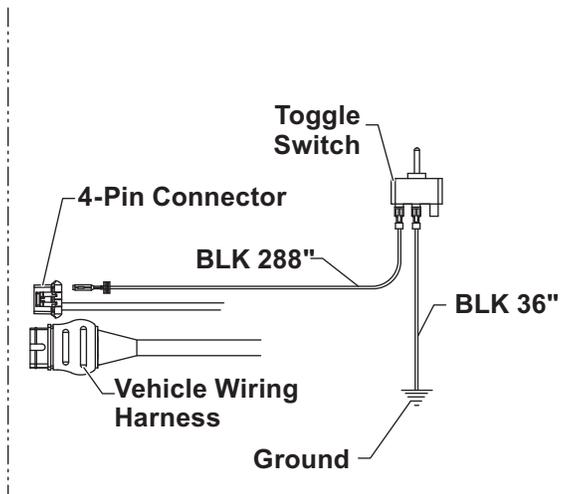
**Spreader Side
4-Pin Connector
Position C**



Spreader Side Wiring



Vehicle Side Wiring



SWITCH PLACEMENT

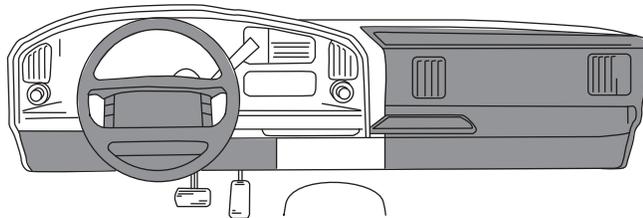
⚠ CAUTION

Do not alter, modify, or install additional components in shaded areas of the illustration below. Failure to comply may interfere with air bag deployment or cause injury to operator in an accident.

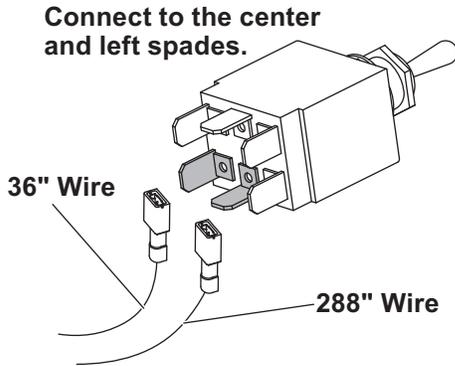
⚠ CAUTION

Before drilling any holes, check both sides of the material for any wires, fuel lines, fuel tanks, etc. that may be damaged by drilling.

When choosing a location for your switch, it should be mounted in easy reach of the vehicle operator and not restricting access to vehicle controls or vehicle instrumentation. Do not mount the switch in areas prohibited by the vehicle manufacturer for crash worthiness. See the vehicle's body builder's book, owner's manual or service manual for details. The shaded areas in the illustration below show the most commonly restricted areas.



7. In the cab, mount the switch bracket using the #10 x 1" tapping screws and #10 lock washers supplied in the kit.
8. Orient the toggle switch as shown. Connect the receptacle at the end of the 288" black wire to the bottom center spade on the switch. Connect the receptacle on the 36" black wire supplied in the kit to the bottom left spade terminal.

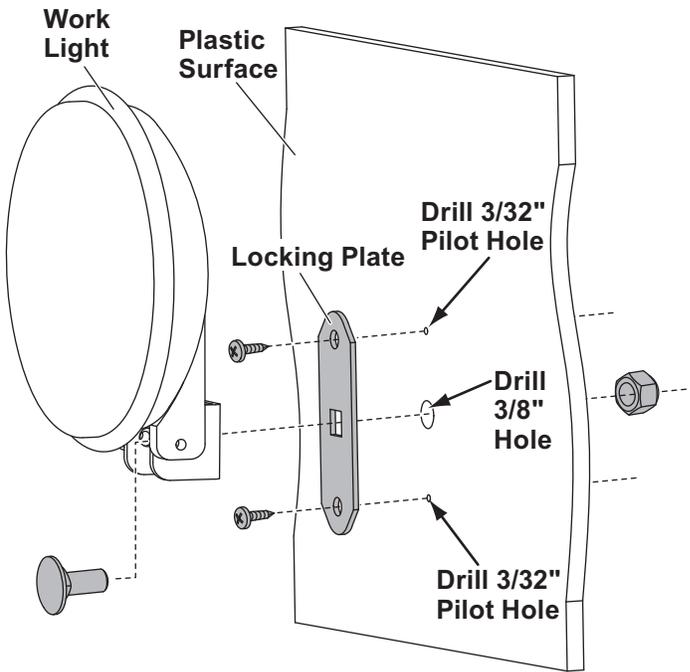


9. Remove the nut from the toggle switch, position the switch in the switch bracket hole. Reinstall the nut and tighten until it is secure in the bracket.
10. Attach the end of the 36" black wire to a ground location in the cab. Terminal not provided.

⚠ CAUTION

Before drilling any holes, check both sides of the material for any wires, fuel lines, fuel tanks, etc. that may be damaged by drilling.

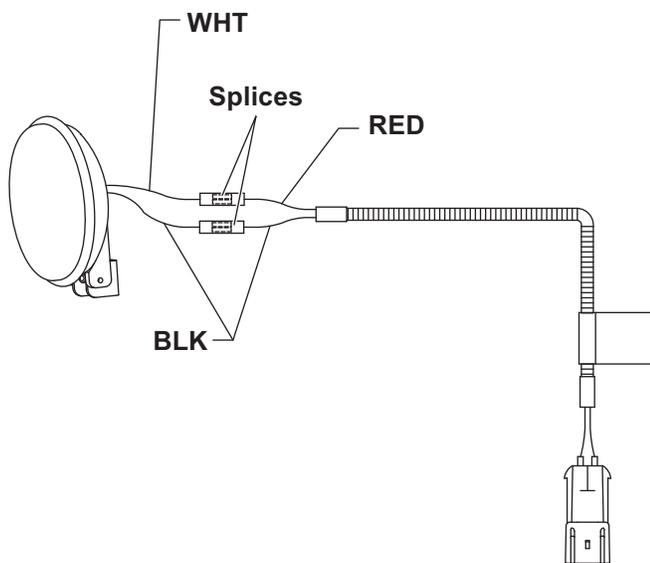
11. The light needs to be installed within 5' of the spreader module. If the work light is to be installed on a metal surface (i.e. the rear truck bumper), drill and secure the light using the hardware provided with the light. Proceed to Step 15.
12. If the light is to be installed on a plastic surface, refer to diagram below. Position the locking plate in the desired location. Ensure the locking plate is oriented to allow proper aiming of the light and mark and drill a 3/8" hole in the center. Also drill 3/32" pilot holes in the top and bottom holes of the locking plate.



13. Mounting the light on a plastic surface of the hopper body or spinner assembly will likely require an access hole on the opposite side to tighten the nut. Plug the access hole with an appropriately sized cap plug.

14. Install the locking plate using the #12 x 3/4" tapping screws in the 3/32" pilot holes drilled in Step 12 and install the work light in the 3/8" hole using the 5/16" x 3/4" carriage bolt and locknut.

15. If the wires attached to the light have terminals, cut the wires as close as possible to the existing terminals. Using the splice connectors at the end of the 5' light harness with convoluted tubing provided in the kit, splice the black wire from the light to the black wire in the harness. Splice the white wire from the light to the red wire from the harness. Heat seal the splice connectors to the wires.

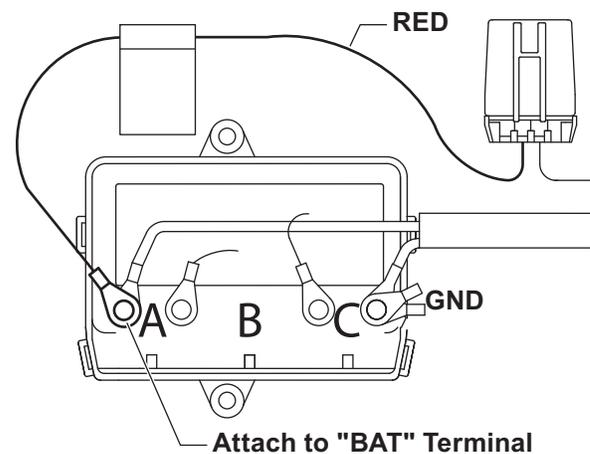


Spreader Side Wiring

16. Connect the 5' light harness with convoluted tubing to the connector in the fuse harness installed in Steps 3 and 4. Secure the harness using the #6 clamp loops and #12 x 3/4" tapping screws provided.

17. Remove the cover from the spreader module and install the ring terminal on the red wire of the fuse harness to the battery terminal on the left side of the module. Use dielectric grease as needed and reinstall the module cover.

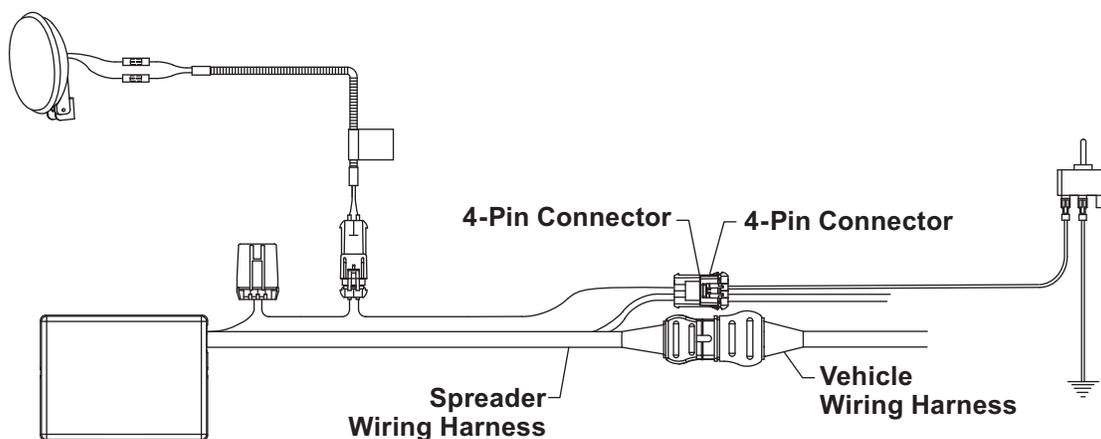
Spreader Side Wiring



Attach to "BAT" Terminal

18. Reconnect the main wiring harnesses and the 4-pin connectors between the vehicle and the spreader that were disconnected in Step 2.

Vehicle Side Wiring



The company reserves the right under its product improvement policy to change construction or design details and furnish equipment when so altered without reference to illustrations or specifications used. This equipment manufacturer or the vehicle manufacturer may require or recommend optional equipment for spreaders. Do not exceed vehicle ratings with a spreader. The company offers a limited warranty for all spreaders and accessories. See separately printed page for this important information.

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