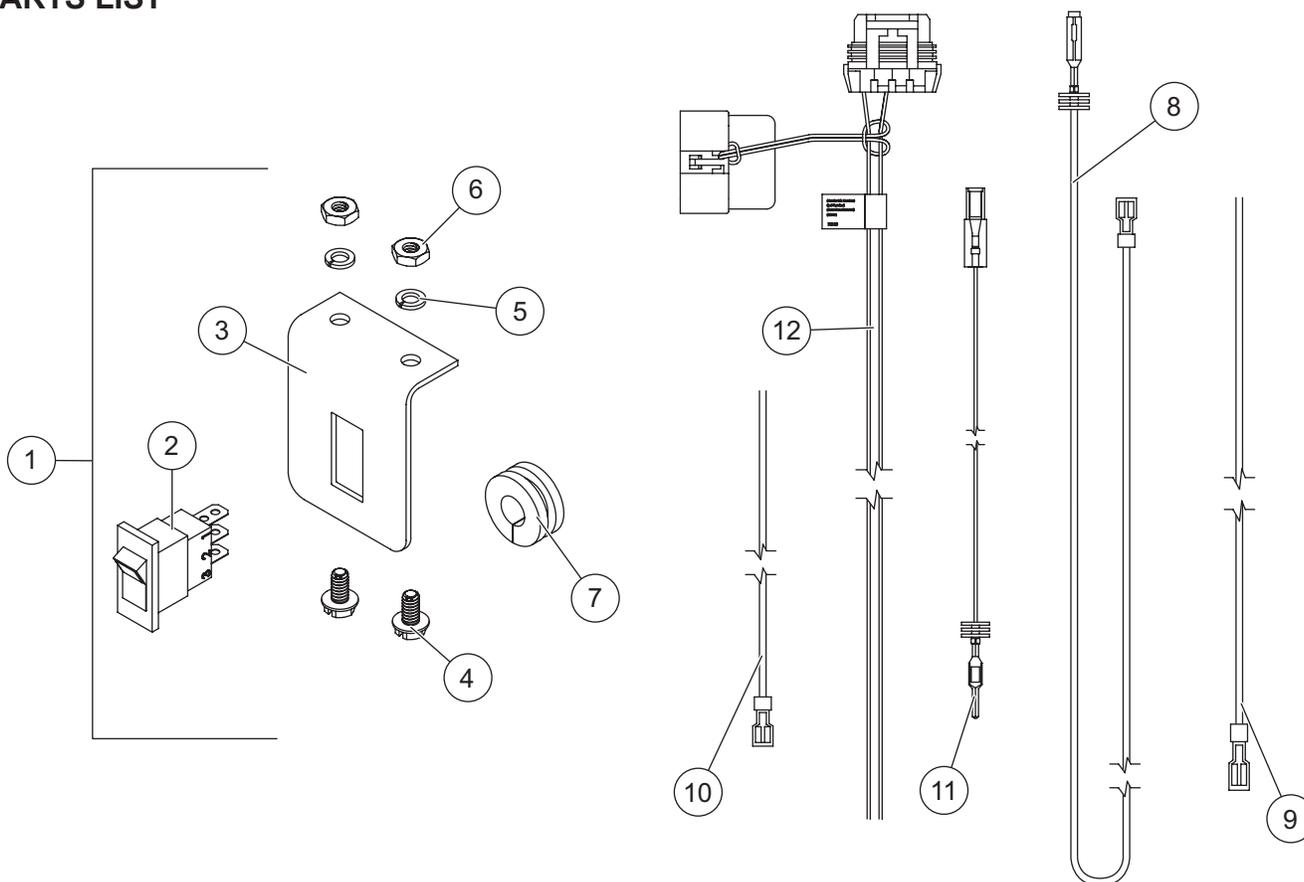


Pre-Wet Accessory Harnessing Kit

For Poly Hopper Spreaders with Serial Numbers
Beginning with 090527 through 020116*

PARTS LIST



76405 Pre-Wet Accessory Harnessing Kit							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	90019	1	Illuminated Switch w/ Bracket	8	78233	1	Ground Wire, Long – 288"
2		1	Illuminated Rocker Switch, Red	9	78234	1	Ground Wire, Short – 84"
3		1	Switch Bracket	10	65381	1	Power Wire – Red
4		2	#10-24 x 3/8 Tapping Screw	11	72097	1	Pre-Wet Wire Assembly – 52"
5		2	#10 Lock Washer	12	78139	1	Stop Light Harness, Vehicle Side
6		2	#10-24 Nut	ns		12	8" Cable Tie
7		1	Rubber Grommet 3/8" ID				

ns = not shown

* Not required on poly hopper spreaders with FLEET FLEX electrical system.

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 Pre-Wet Accessory Harnessing Kit.

⚠ CAUTION

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

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. Remove the chute from the spreader.
3. Install the Pump Kit, ON/OFF (PN 76400) on the spreader, following the instructions provided in the kit.

Install Hopper-Side Harnessing

Refer to the Pre-Wet Harness diagram on p. 5.

1. Remove the cover from the spreader module on the driver's side of the hopper sill.

⚠ CAUTION

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

2. Drill a 3/4" hole through the hopper foot and into the area where the conveyor drive motor is located. Position the hole below the previously installed pump box and adjacent to/forward of the hole for the pump box hose.
3. Route the wires from the existing pre-wet relay harness out of the pump box, through the 3/4" hole drilled in the previous step, and into the conveyor motor area.
4. Route the pre-wet relay harness along the existing conveyor motor cable assembly to the spreader module. Secure the pre-wet relay harness to the conveyor motor cable assembly using the supplied 8" cable ties.
5. Attach the ring terminal on the red wire of the pre-wet relay harness to the BAT terminal of the spreader module. Attach the ring terminal on the black wire of the pre-wet relay harness to the GND terminal of the spreader module.
6. Connect the female bullet terminal of the supplied pre-wet wire assembly to the orange wire of the pre-wet relay harness.

NOTE: Use dielectric grease on all electrical connections.

7. Remove the cavity plug from position D of the existing spinner harness assembly connector that connects to the existing stop light harness. Insert the male terminal of the pre-wet wire assembly into position D of the spinner harness assembly until it clicks into place.
8. Re-install the cover on the spreader module, making sure not to pinch or damage any wires.

Install Vehicle-Side Harnessing

Refer to the Pre-Wet Harness diagram on p. 5.

1. Replace the existing vehicle side stop light harness with the stop light harness supplied in this kit.
2. Remove the cavity plug from position D of the supplied vehicle side stop light harness.
3. Insert the male terminal of the supplied long ground wire into position D of the stop light harness until it clicks into place.

NOTE: Use dielectric grease on all electrical connections.

4. Route the long ground wire to the engine compartment and then into the cab of the vehicle following the existing spreader control harnessing.

⚠ CAUTION

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

If an additional hole is required to pass the long ground wire through the fire wall, cut or drill a 5/8" hole in the desired location. Insert the supplied rubber grommet in the hole to protect the wire from damage.

5. Secure the ground wire to the existing vehicle harnessing using the supplied cable ties.
6. Reattach the spreader chute.

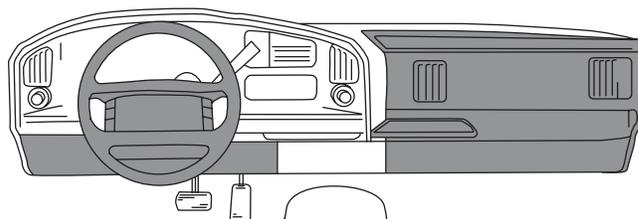
Select Control Switch Mounting Location

Identify a convenient location in the vehicle cab for the pre-wet switch bracket that can be reached by the pre-wet switch wires. Choose a location that is within easy reach of the vehicle operator without restricting access to vehicle controls or instrumentation.

Do not mount the control in areas prohibited by the vehicle manufacturer for crashworthiness. 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.

⚠ CAUTION

Do not alter, modify or install additional components in shaded areas shown below. Failure to comply may interfere with airbag deployment or cause injury to operator in an accident.



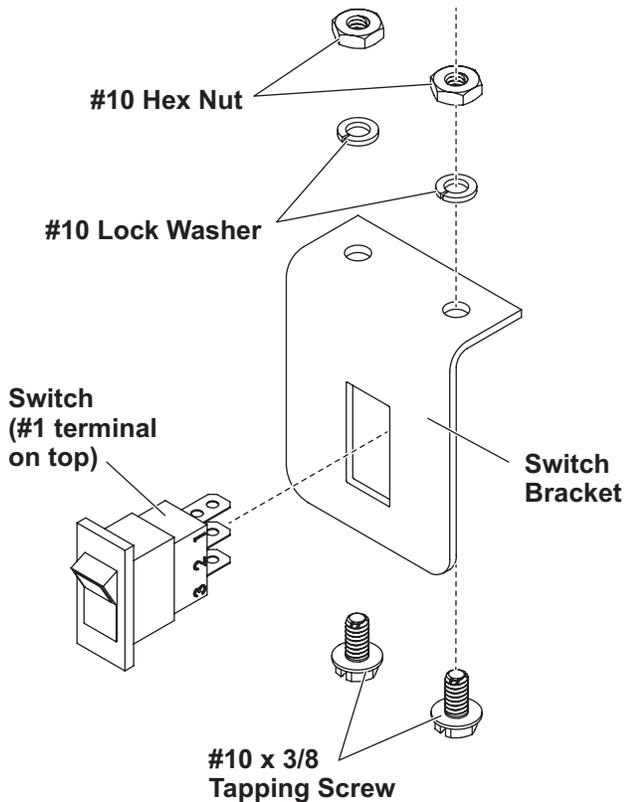
Install Control Switch and Bracket

1. Position the switch bracket at the previously selected location in the vehicle cab.

⚠ CAUTION

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

2. Using the switch bracket as a template, drill two 7/32" holes that align with the mounting holes in the bracket.
3. Install the switch bracket using two #10 x 3/8" tapping screws, #10 lock washers and #10 hex nuts.
4. Install the rocker switch into the switch bracket with the #1 terminal at the top. Gently push the switch into the rectangular hole until it snaps into place.



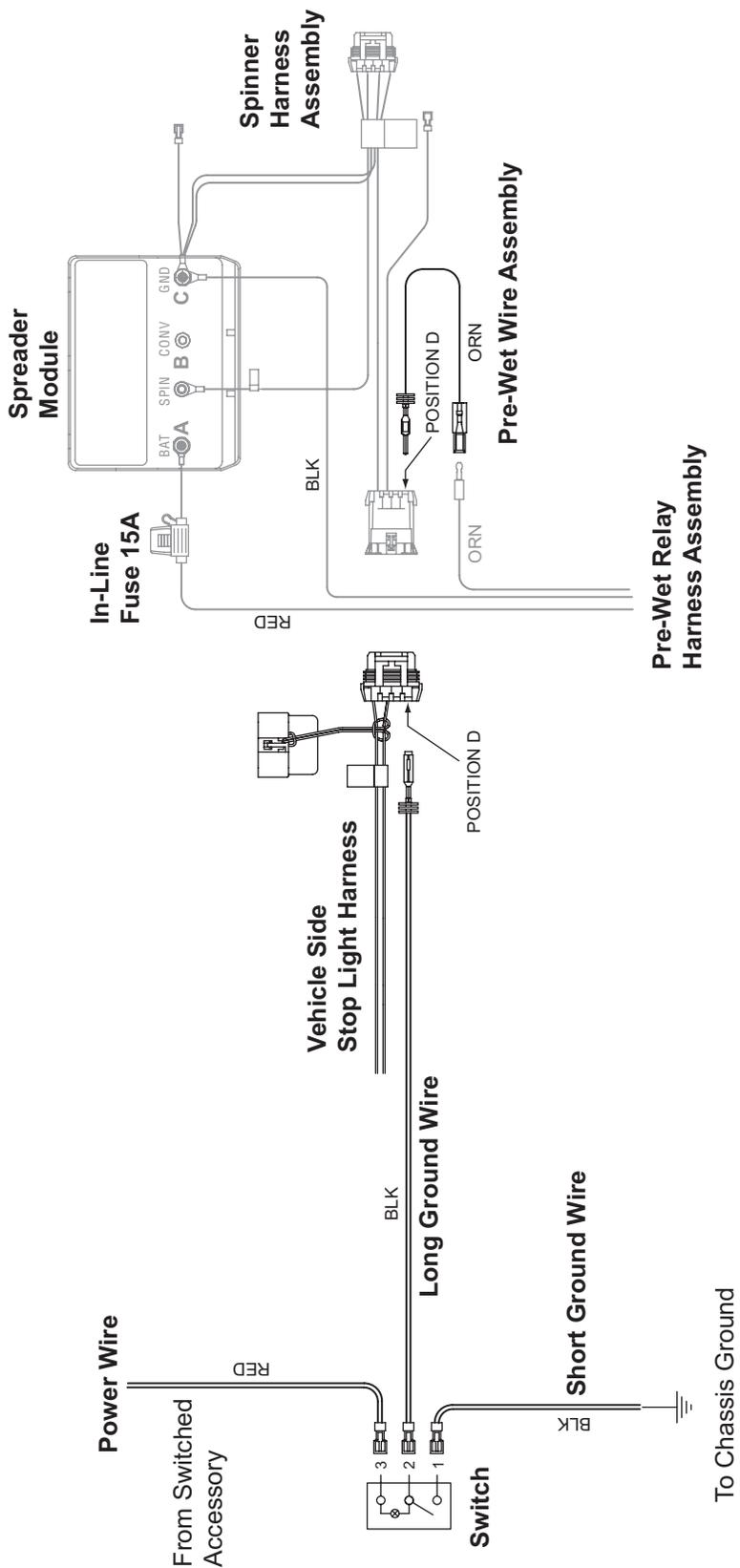
5. Refer to the Pre-Wet Harness Diagram. Connect the non-terminated end of the red power wire to a source of switched accessory power.
6. Connect the non-terminated end of the short ground wire to chassis ground.
7. Route the two wires installed in Steps 5 and 6 to the pre-wet switch along with the long ground wire that was installed previously.
8. Connect wires to the numbered switch terminals:
 - Red power wire to terminal #3
 - Long ground wire to terminal #2
 - Short ground wire to terminal #1
 Ignore any other connections labeling on the opposite side of the switch.

NOTE: Use dielectric grease on all electrical connections.

9. Secure all harnessing and wires from damage.

PRE-WET HARNESS DIAGRAM

Items shown in gray not included in 76405 kit.



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