

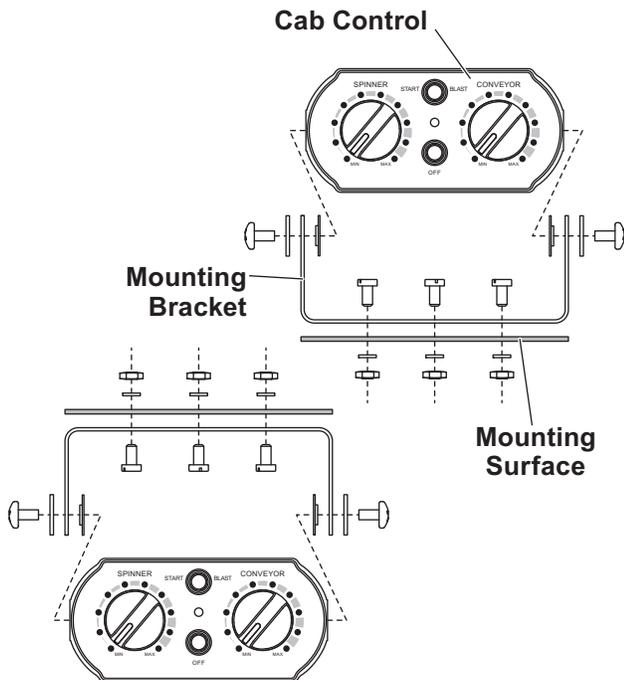
78102 POLY HOPPER ELECTRIC SPREADER CAB CONTROL

INSTALLATION INSTRUCTIONS

⚠ WARNING

Do not install this product in deployment path of an air bag. Refer to vehicle manufacturer's manual for air bag deployment area(s).

NOTE: Cab control can be top or bottom mounted using supplied mounting bracket.

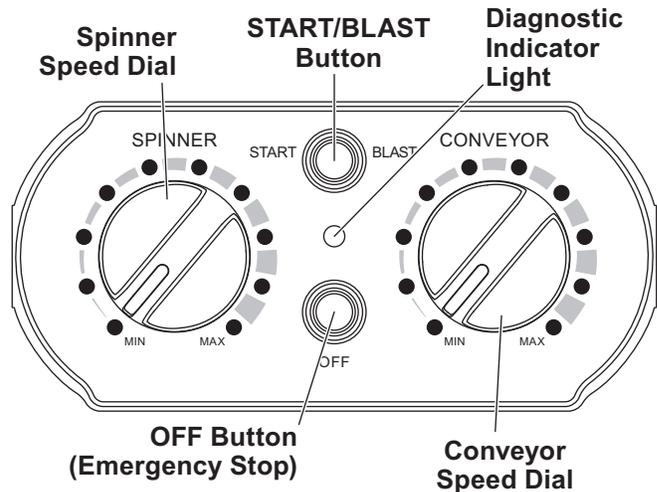


1. Locate a convenient position in the cab to mount the control that will not interfere with other equipment and will avoid unintentional starting of the spreader.
2. Attach the mounting bracket to the vehicle with three #10 x 3/8" tapping screws, #10 spring lock washers and #10 nuts as shown.
3. Place the control with a 1/4" nylon washer on each side into the mounting bracket and secure with the 1/4" x 3/8" machine screws and flat washers through the nut inside the slot on each side.
4. Plug the 4-way connector from the vehicle wiring harness into the matching connector at the rear of the cab control.

OPERATING INSTRUCTIONS

⚠ WARNING

Before starting the spreader, the driver shall verify all bystanders are a minimum of 25 feet away from operating spreader.



Starting and Stopping Motor

1. To start the spreader, press the START/BLAST button and release. Both the START/BLAST and OFF buttons will be backlit when the vehicle ignition is ON. When the spreader is ON, the lights around the knobs will also be illuminated.
2. Press the OFF button to stop the spreader. The OFF button operates as emergency stop when required.

NOTE: The truck ignition must be ON to start the spreader.

NOTE: If truck ignition is turned OFF while spreader is running, the motors will stop.

Adjusting Spinner/Conveyor Speed

The speed setting can be adjusted when the spreader is either ON or OFF.

1. Turn the speed dial clockwise. The speed will increase as the number of green LEDs illuminated on the speed dial increase.
2. Turning the speed dial counterclockwise will decrease speed.

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Blast/Maximum Speed

1. Press and hold the START/BLAST button as long as maximum speed is needed.
2. Release the button when maximum speed is no longer needed. The control automatically returns to the "ON" position and speed shown on the speed dial.

NOTE: When BLAST is used, the speed dial does not move to the maximum speed setting, but remains at the preset speed.

Diagnostic Indicator Light and Audio Beep

The diagnostic indicator light located beneath the START/BLAST button remains dark unless a problem with the motor or wiring is detected. The light will flash in coordination with an audio beep a number of flashes/beeps in a row, pause, then repeat. Count the flashes/beeps and refer to diagnostic chart below to determine the nature of the malfunction.

NOTE: Always close the lids on hopper to prevent moisture buildup. Do not let spreader sit idle with material in hopper for an extended period of time. This can cause material to compact, reduce or stop the flow of material and cause permanent hopper body deformation.

# of Flashes/Beeps	Problem	Possible Cause
0	No Error	–
1	No Communication	Loss of communication between spreader module and cab control. Vehicle cable assembly is disconnected or faulty.
2	Empty Hopper	Spreader is empty or material has bridge in the hopper.
3	Conveyor Over Current	Over 70 Amps for up to 3 seconds. Conveyor Chain is stalled.
4	No Power	Battery fuse is blown or vehicle cable assembly is disconnected or faulty.
5,8	Over Temp	Motor is OFF due to spreader module overheating from high-current draw over a long period of time.
6	Battery Saver	Reduced spreader performance due to vehicle voltage drop. Spreader will function at reduced output until vehicle voltage increases.
7	Spinner Over Current	Over 32 amps for up to 3 seconds. Spinner is stalled.
9	Sander Reset	Module came out of reset. Momentary loss of power. Restart unit, check power wiring.
10	Cool Down	If the unit gets more than 5 faults with each fault starting within 60 seconds from the last, it will not start for 60 seconds from the last fault to allow the unit to cool.
11	Low Battery	Low battery voltage or poor electrical connection of vehicle cable assembly.

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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