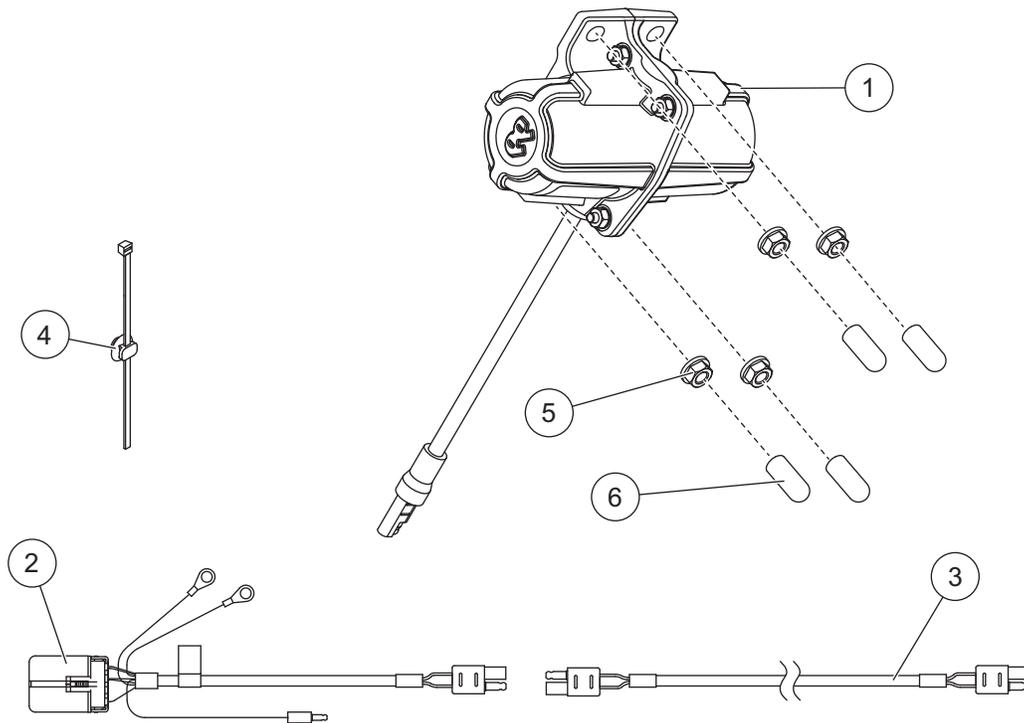


Vibrator Kit DC-100, DC-200

Hopper Spreaders with FLEET FLEX Electrical System

PARTS LIST



83724 Vibrator Kit, DC-100							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	75673	1	Vibrator, DC-100	5	D6584	4	3/8-16 Serrated Flange Nut
2	78382	1	Relay/Fuse Harness Assembly	6	T30820	4	Plastic Stud Cover
3	78391	1	Harness Assy – Vibrator Extension	ns	61536	10	Cable Tie – Long
4		4	Fir Tree Mount w/Cable Tie				

ns = not shown

83734 Vibrator Kit, DC-200							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	51068	1	Vibrator, DC-200	5	D6584	4	3/8-16 Serrated Flange Nut
2	78382	1	Relay/Fuse Harness Assembly	6	T30820	4	Plastic Stud Cover
3	78391	1	Harness Assy – Vibrator Extension	ns	61536	10	Cable Tie – Long
4		4	Fir Tree Mount w/Cable Tie				

ns = not shown

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 vibrator kit.

⚠ CAUTION

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

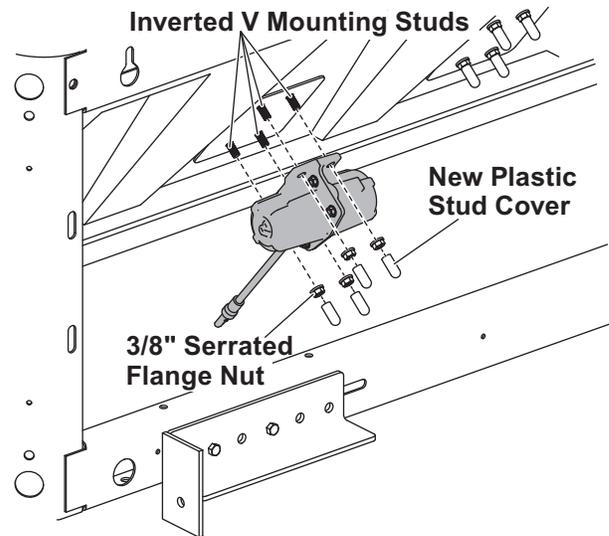
⚠ CAUTION

Contact with a vibrating surface can cause numbness, tingling, and loss of dexterity. Users should take breaks and wear gloves to limit vibrating exposure.

VIBRATOR INSTALLATION

The vibrator relay/fuse assembly will be installed in the existing electrical enclosure. The vibrator is mounted on either side of the hopper to any matching set of inverted V mounting bolts.

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 four plastic stud covers and 3/8" flange nuts from the inverted V mounting studs. Place the vibrator on the studs and secure with the new 3/8" serrated flange nuts. Trim and install new plastic stud covers.



NOTE: Use dielectric grease on all electrical connections.

3. Connect the extension harness to the vibrator lead and route the harness along the frame to the electrical enclosure.
4. Install fir tree mounts into the 1/4" holes along the frame and secure the 90" harness using the fir tree mount cable ties, or use cable ties to secure the harness to an existing harness.

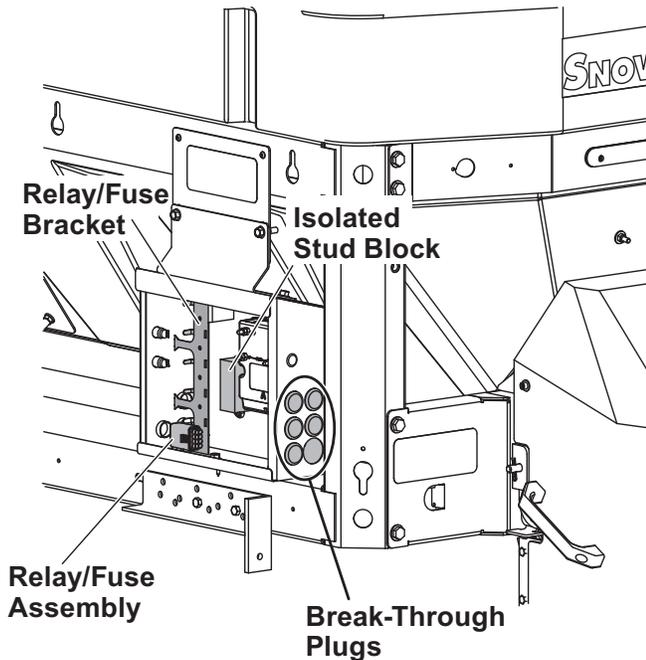
⚠ CAUTION

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

An additional fir tree mount is supplied for use if needed. Drill a 1/4" hole at the desired location to install the additional fir tree mount.

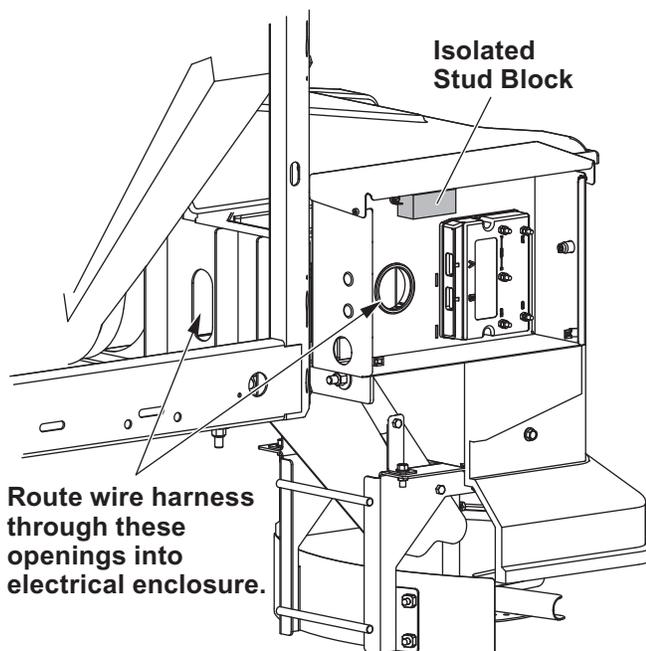
ELECTRICAL CONNECTIONS

1. **VX-XX00 models:** Cut a hole in one of the break-through plugs and feed the harness into the enclosure. The hole should be sized to form a tight seal around the harness.



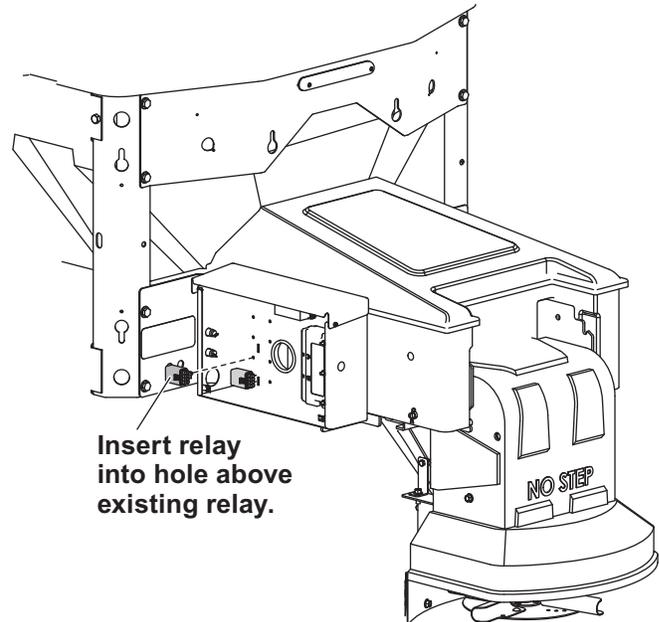
Electrical enclosure covers and relay/fuse assembly wires not shown.

VX-XX10 models: Route the harness through the openings shown into the electrical enclosure.



Route wire harness through these openings into electrical enclosure.

2. Mount the relay/fuse assembly to the relay/fuse assembly bracket or enclosure by pushing the connector clip on the back of the assembly into one of the holes in the bracket or enclosure.



Insert relay into hole above existing relay.

3. Plug the vibrator extension harness 2-pin connector into the relay/fuse harness assembly.
4. Remove the cover from the isolated stud block. Connect the red wire from the relay/fuse assembly harness to the POSITIVE (+) terminal and the black wire to the NEGATIVE (-) terminal of the isolated stud block.
5. Replace the isolated stud block cover, being careful not to pinch any wires. (On spreader installations with multiple accessories, it may be necessary to notch the sides of the isolated stud block cover to accommodate all the wires.)
6. Connect the single-pin terminal on the relay/fuse assembly harness (blue wire) to the blue wire coming from Port A of the spreader module.

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