

SURE-FLOW

BROADCAST SPREADER

VIBRATOR KIT

INSTALLATION INSTRUCTIONS:

VIBRATOR:

- a. Locate the vibrator approximately 6" to 8" from the top of the throat entry nearest the truck. Mark the mounting holes (bolt pattern is 4" x 2") with the electrical cord pointing down and drill four 3/8" holes in the hopper.
- b. Inside the hopper: Align the Vibrator Backing Plate with the 3/8" holes in the hopper and put the 3/8" x 1-1/2" bolts through the plate and the hopper.
- c. Outside the hopper: Use the nuts provided to secure the vibrator in place.

ELECTRICAL:

- a. Disconnect vehicle electrical system from the battery.
- b. Take harness assembly with molded connector and route wires from the rear of the vehicle to the front. Route wires along the frame and secure from the rear using "TY-WRAPPS." **CAUTION:** Do not route close to exhaust system or engine. Temperatures over 105C will melt the wire insulation. This will cause damage to the Sure-Flow Vibration Kit and the vehicle electrical system. Black lead will go to ground on the vehicle battery and the red lead will go into the vehicle cab to connect to the switch. **DO NOT CONNECT TO THE BATTERY YET.**
- c. Layout the harness portion that goes to the battery along the fire wall and fender well. **NOTE:** Dual battery systems always connect to the primary battery. Do not connect power lead to battery yet. Drill a 17/32" hole in the fire wall for the switch portion of the harness. Install the rubber grommet provided in the hole and route red wire through the hole. Use the rubber grommet to reduce the risk of wire chafing that can cause short circuits. Connect the battery side power lead to the in-line fuse with a blue butt connector provided then connect the in-line fuse to any switch lead using a red receptacle connector on the switch lead and a blue tab connector on the fuse lead. Attach the power lead that goes to the vibrator to the other switch lead using the red receptacle connector on the switch lead and a blue tab connector on the wire. Mount the switch in a suitable location inside the cab with the switch mounting bracket provided.
- d. Connect power leads to battery: Red positive (+), Black negative (-) Secure loose loom. Reconnect vehicle power to battery.

Replacement In-line Fuse Size: Minimum 6 Amps, Maximum 10 Amps.

Notice: Vibration is a destructive force and may damage some hoppers. Use this product at your own risk.