Optimum Flow Installation Instructions

Model # OFK-020

Step 1: Remove original baffles and plug holes with supplied hardware.

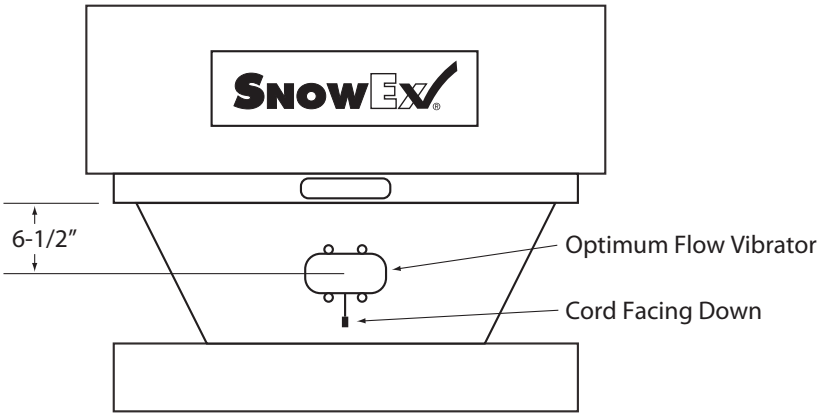
Step 2: Position new style baffle so there are no gaps; baffle is designed to be self locating.

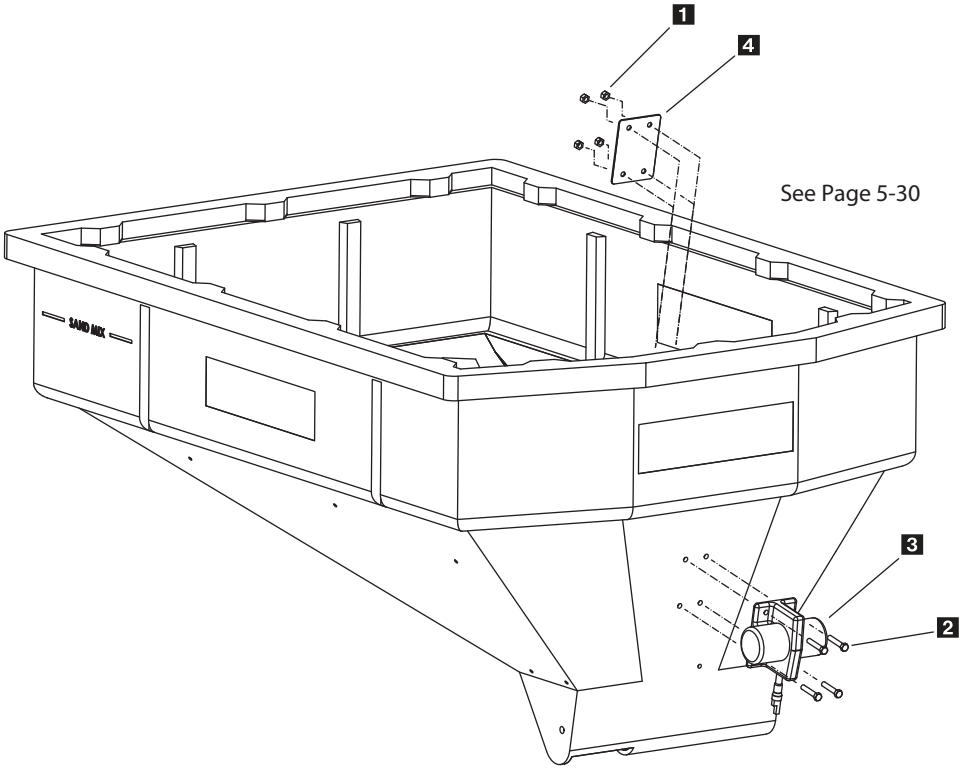
Step 3: Mark and drill holes.

Step 4: Install supplied hardware the same way as original baffle was. Nut and washer should be on exterior surface.

Step 5: Center the Optimum Flow vibrator horizontally and 6-1/2" below apron; (see illustration below) mark and drill holes.

Step 6: Mount vibrator with cord pointing down using supplied hardware. Please note: there is a vibrator backing plate that must be positioned properly. Please refer to standard vibrator instructions for details regarding harness installation, etc.

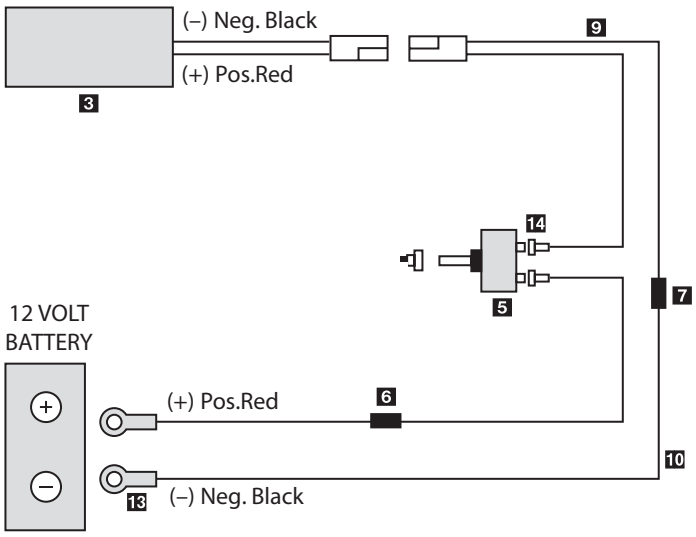




See Page 5-30

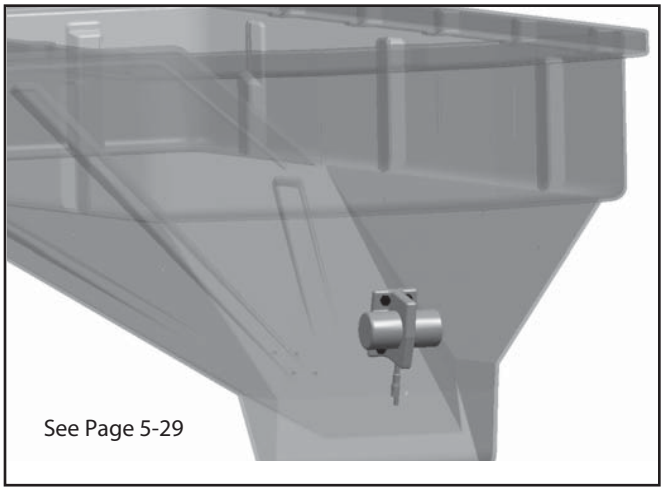
Optimum Flow Kit Diagram and Instructions

Model # OFK-020



Key	Part No.	Description	Qty.
1	D 4124	3/8'' Lock Nut	4
2	D 6160	3/8'' - 16x2 Hex Bolt	4
3	D 6161	DC-80 Vibrator	1
4	D 6579	Vibrator Backing Plate	1
5	D 6184	On/Off Switch	1
6	D 6233	10 Amp Fuse	1
7	D 6234	Butt Connector	1
8	D 6344	Dielectric Grease	1
9	D 6403	20' Universal Harness	1
10	D 6404	10' Battery Harness	1
11	D 6406	Rubber Switch Boot	1
12	D 6425	Fuse Holder	1
13	D 7105	Ring Terminal	2
14	D 7106	Spade Connector	2
15	D 6578	Opti-Flow Baffle	1

Wiring Installation and Instructions


See Page 5-29

Step 1: First, install switch at desired location. This will determine what the proper wire length should be.

Step 2: Run spreader/vehicle harness from the rear of vehicle to switch area. Remove approx. 3'' of the black outer jacket exposing two single leads (red and black), strip a 1/4'' off each lead. Crimp 1/4'' female connector on red lead and crimp the butt connector to the black lead. Place the female spade/red wire to the on/off switch and leave the black wire for the next step.

Step 3: Route the power harness from the battery to the switch; this will determine proper length to cut wires. Repeat step #2 regarding cable jacketing and connection points to the switch and butt connector.

Step 4: Install an inline 10 amp. fuse on the positive (red) lead from the battery to the switch. Locate an easily accessible place, out of the elements, for the fuse and remove approx. 3'' of the black outer jacket exposing two single leads (red and black). Cut the red lead in half and strip a 1/4'' off each lead. Insert into the fuse connector and crimp. Insert 10 amp. blade fuse into connector.

Step 5: At the battery end of the power harness, remove 8'' of the black outer jacket exposing two single leads (red and black). Strip 1/4” off each lead. Crimp a 3/8'' lug terminal to each lead and attach the red lead to the positive side of the battery and the black lead to the negative side of the battery.

Step 6: Locate vibrator approx. 6" to 8" from the top of throat entry and drill four 3/8" holes in rear hopper face. Bolt the vibrator in place using nuts and bolts provided, with backing plate inside hopper.

IMPORTANT: It is imperative that the vibrator backing plate is used (see page 5-29) . Use of any other method could cause hopper to tear.