

This Manual Must Be Read Before Operating The Equipment

# Owner / Operator's Manual



Spreaders for Snow & Ice Control

FOR MODEL

SP-2200



Warren, Michigan 48089  
800-725-8377

CUSTOMER COPY

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and other pending U.S. and foreign patent applications.

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Have a question or need assistance?  
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This manual has been designed for your help. It will assist you and instruct you on the proper set-up, installation and use of this spreader. Refer to the table of contents for an outline of this manual.

We require that you read and understand the contents of this manual completely (especially all safety information) before attempting any procedure contained herein.



THIS SIGN SHOULD ALERT YOU:

The Society of Automotive Engineers has adopted this SAFETY ALERT SYMBOL to pinpoint characteristics that, if NOT carefully followed, can create a safety hazard. When you see this symbol in this manual or on the machine itself, BE ALERT! Your personal safety and the safety of others is involved.

Defined below are the SAFETY ALERT messages and how they will appear in this manual:



**DANGER**

(RED)

Information that, if not carefully followed, can cause death!



**WARNING**

(ORANGE)

Information that, if not carefully followed, can cause serious personal injury or death!



**CAUTION**

(YELLOW)

Information that, if not carefully followed, can cause minor injury or damage to equipment.

## CONGRATULATIONS!

The spreader you have purchased is an example of snow and ice control technology at its finest! Your spreader's innovative, self-contained design is a trademark of all Trynex products. Here's why...

**SIMPLICITY:** Fewer moving parts manufactured of higher quality means minimal maintenance for your SnowEx spreader.

**RELIABILITY:** High impact linear low density polyethylene hopper, state-of-the-art electronic dual variable speed control, custom engineered powder coated frame, maximum torque 12 volt motor coupled to a custom engineered transmission found only on SnowEx products.

**VERSATILITY:** Multi-use capabilities allows spreading of a variety of materials for snow and ice control.

**WARRANTY:** Best in the industry, hands down! 2 Years Standard and now a 5 Year Extended (optional).

The benefits you are about to recognize are that of time, money and effort.

**We welcome you to the world of Trynex Performance.**

## Registration

Record the following information in this manual for quick reference.

Spreader Model Number \_\_\_\_\_

Spreader Serial Number \_\_\_\_\_ Controller Serial Number \_\_\_\_\_

Date of Purchase \_\_\_\_\_

Dealer Where Purchased \_\_\_\_\_

When ordering parts, the above information is necessary. This will help to insure that you receive the correct parts.

At the right is a diagram of the ID tag. This tag on the spreader is located on the frame.

Please fill out the warranty card with all the necessary information to validate it. This will also give us a record so that any safety or service information may be communicated to you.





Before attempting any procedure in this book, these safety instructions must be read and understood by all workers who have any part in the preparation or use of this equipment.

For your safety warning and information decals have been placed on this product to remind the operator of safety precautions. If anything happens to mark or destroy the decals, please request new ones from Trynex, International.



Unit must be strapped down and locked into position before operating vehicle.



Never exceed the Gross Vehicle Weight Rating of vehicle. Failure to do so may limit a vehicles handling characteristics.



Never attempt to take a unit off a truck with material in it.



Never exceed 45 m.p.h. when loaded spreader is attached to vehicle. Braking distances may be increased and handling characteristics may be impaired at speeds above 45 m.p.h.



Never allow children to operate or climb on equipment.  
Always check areas to be spread to be sure no hazardous conditions or substances are in the area.  
Always inspect unit for defects: broken, worn or bent parts, weakened areas on spreader or mount.



Always shut off vehicle and power source before attempting to attach or detach or service spreader unit. Be sure vehicle/power source is properly braked or chocked.



Always keep hands, feet, and clothing away from power-driven parts. Remember it is the owner's responsibility to communicate information on safe usage and proper maintenance of all equipment.



Always make sure personnel are clear of areas of danger when using equipment. Maintain 60' distance from all bystanders when operating the spreader.



Inspect the unit periodically for defects. Parts that are broken, missing, or worn out must be replaced immediately. The unit, or any part of it cannot be altered without prior written permission from the manufacturer.



Never use V-Maxx 2200 with foreign debris in the spreader. These units are designed to handle clean, free-flowing material.

 **WARNING**

Always inspect pins and latches whenever attaching or detaching spreader, and before traveling.

 **CAUTION**

Never leave material in hopper for long periods of time. Be aware that all ice melters are hygroscopic and will attract atmospheric moisture and harden up.

 **WARNING**

Remember, most accidents are preventable and caused by human error. Exercising of care and precautions must be observed to prevent the possibility of injury to operator or others!

 **WARNING**

Never operate equipment when under the influence of alcohol, drugs, or medication that might alter your judgment and/or reaction time.

 **WARNING**

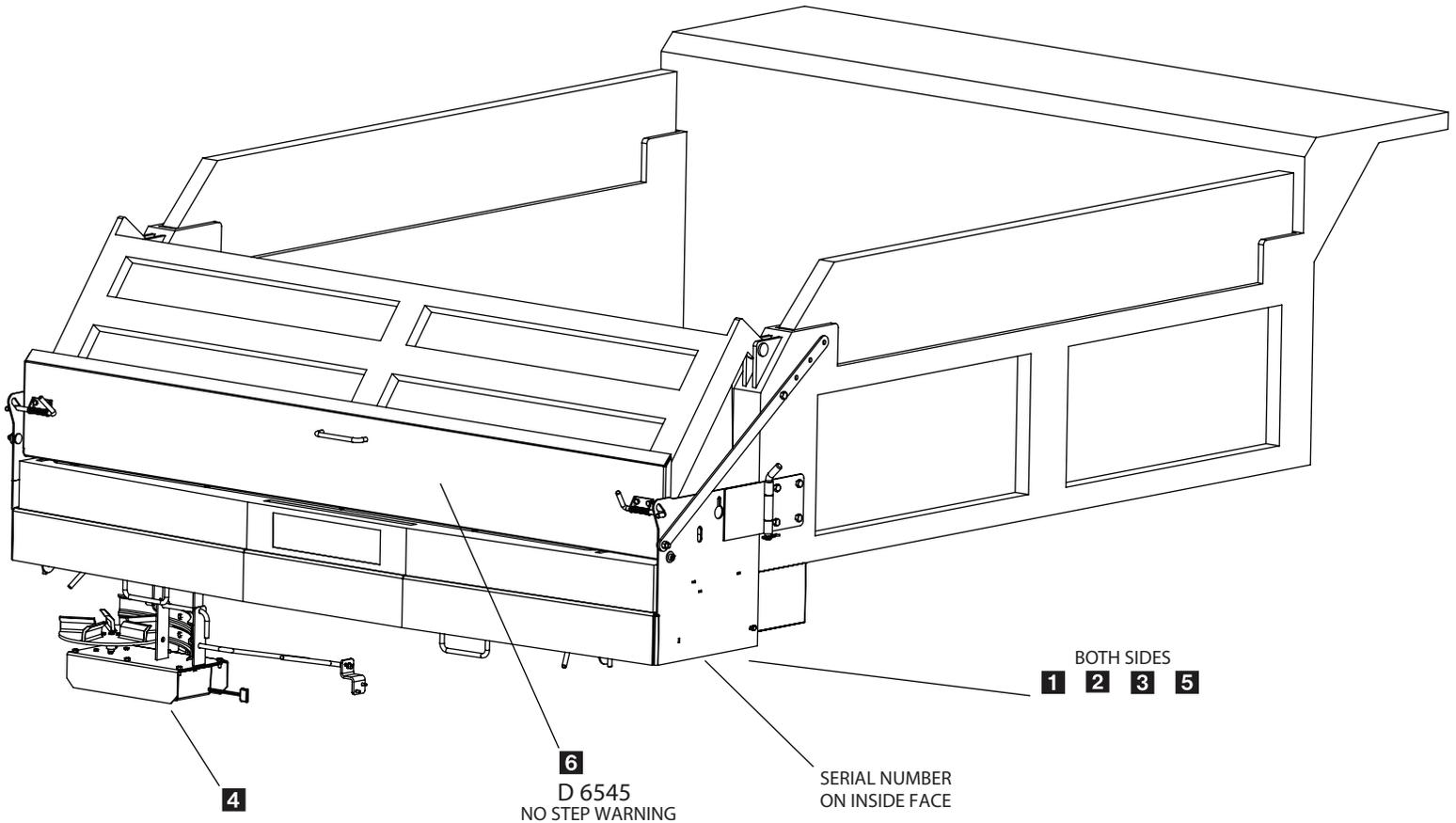
Before working with the spreader, secure all loose fitting clothing and unrestrained hair.

 **WARNING**

Always wear safety glasses with side shields when servicing spreader. Failure to do this could result in serious injury to the eyes.

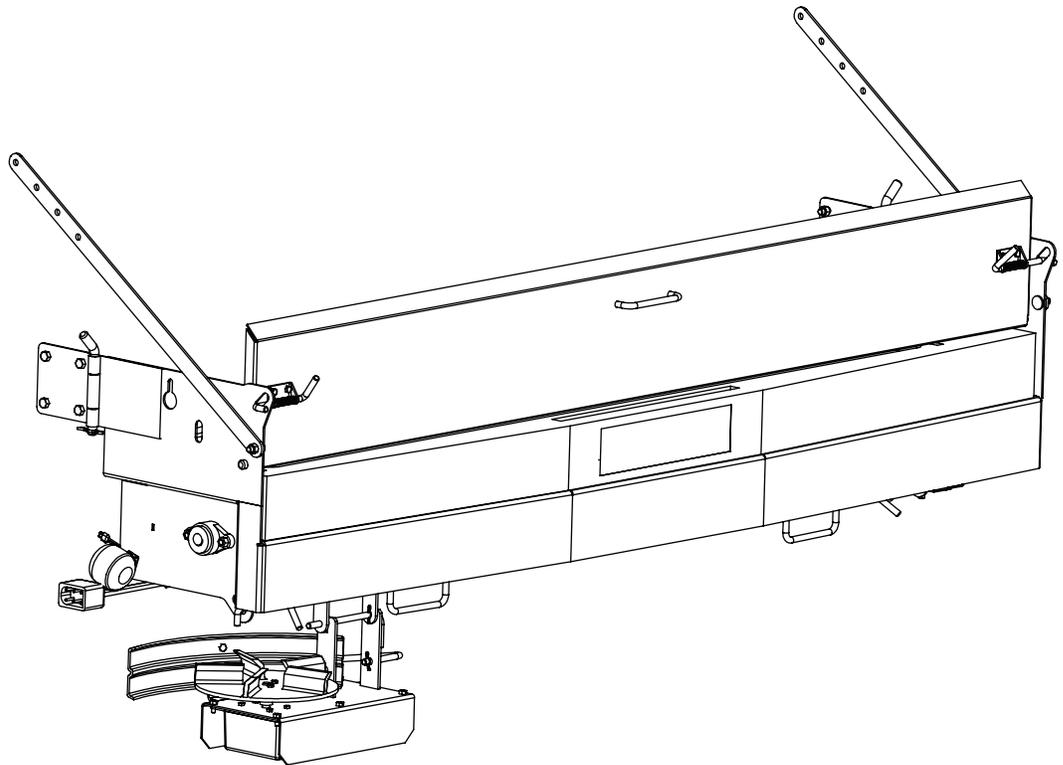
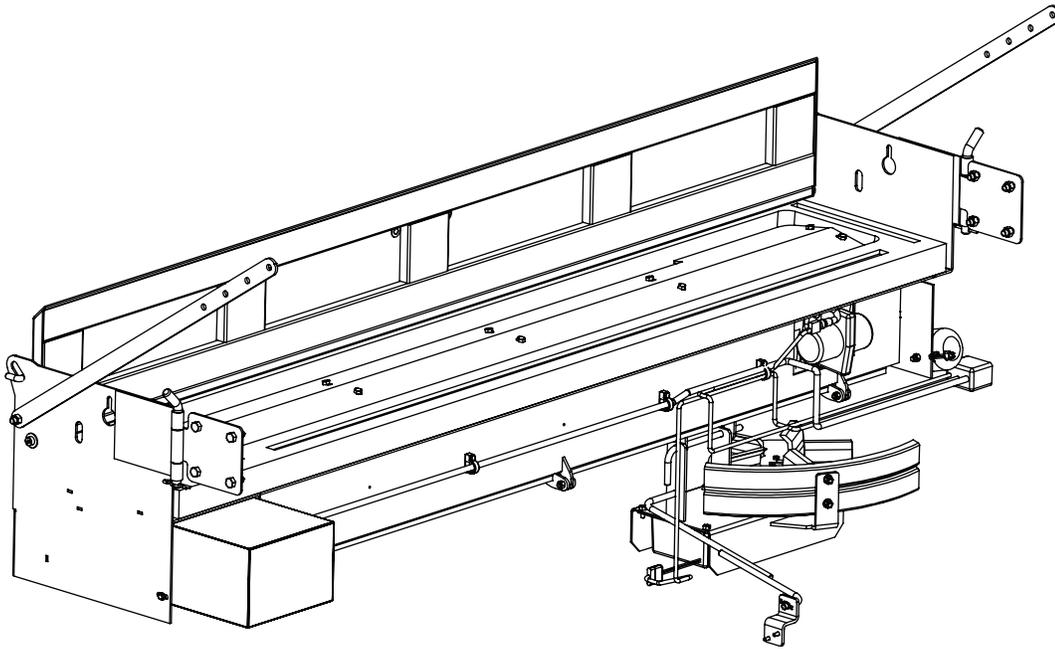
# Safety and Warning Labels

Model # SP-2200



# Assembly Views

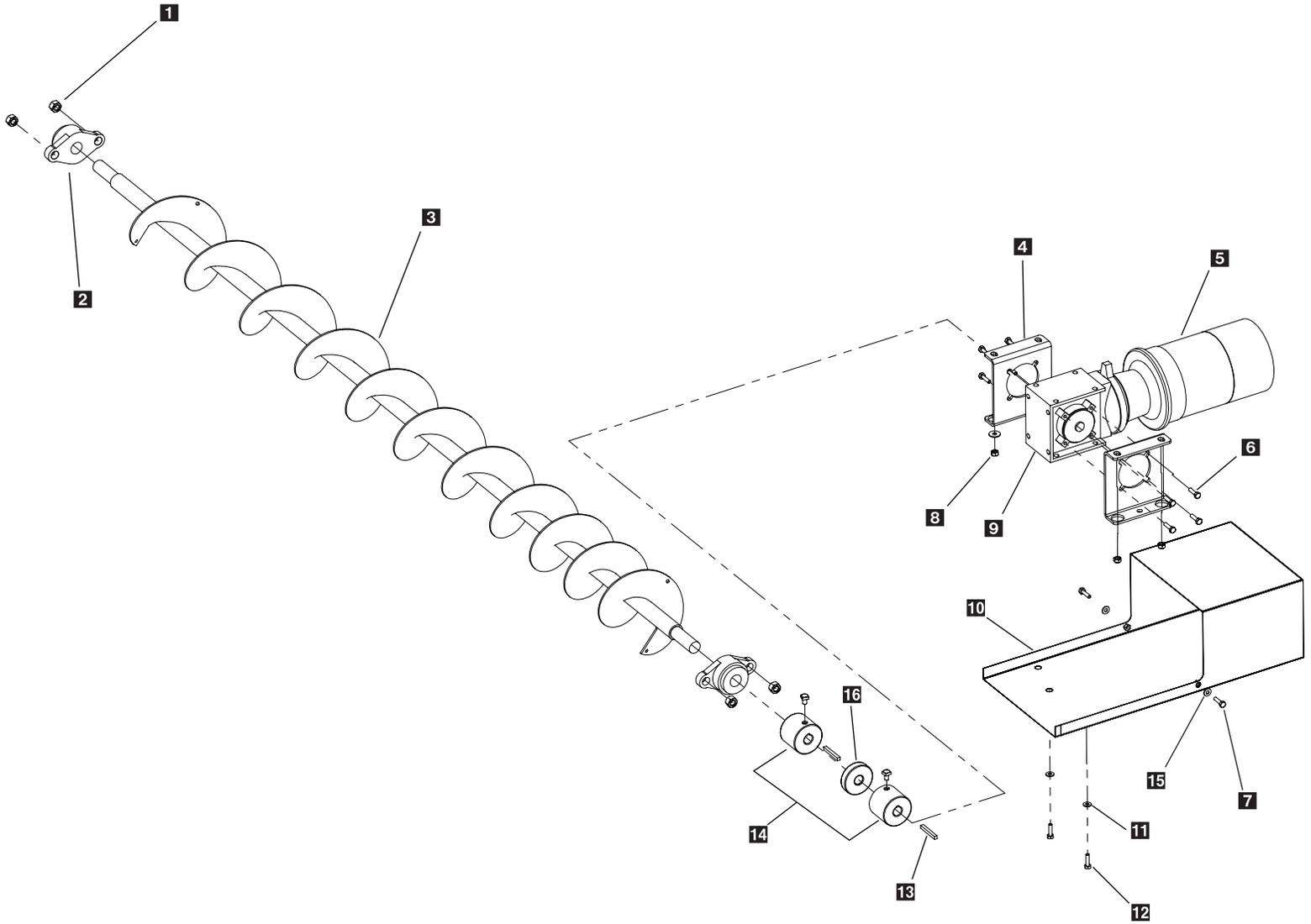
Model # SP-2200



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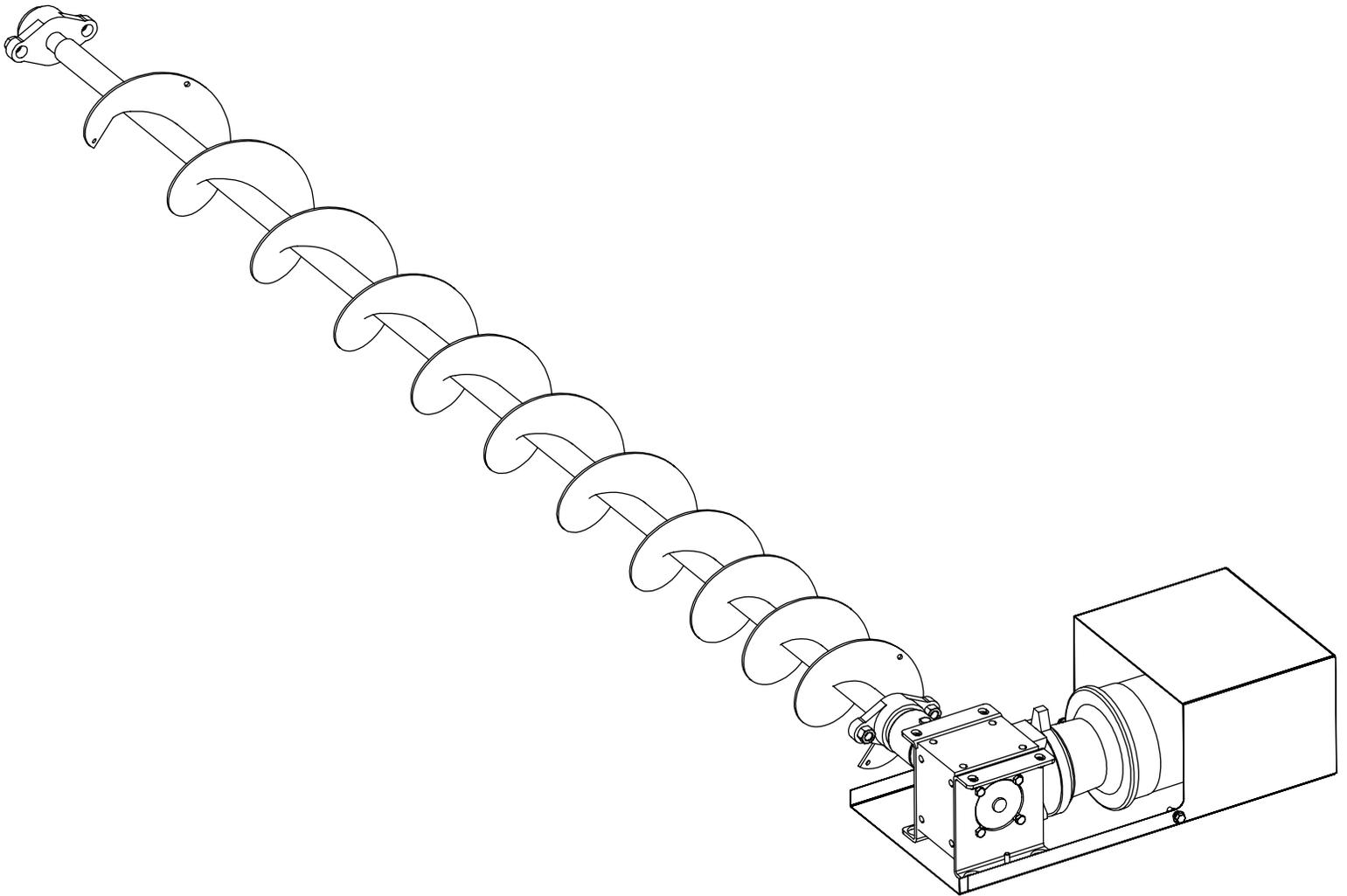
# Auger Drive Assembly Parts Breakdown

Model # SP-2200



# Auger Drive Assembly Parts Breakdown

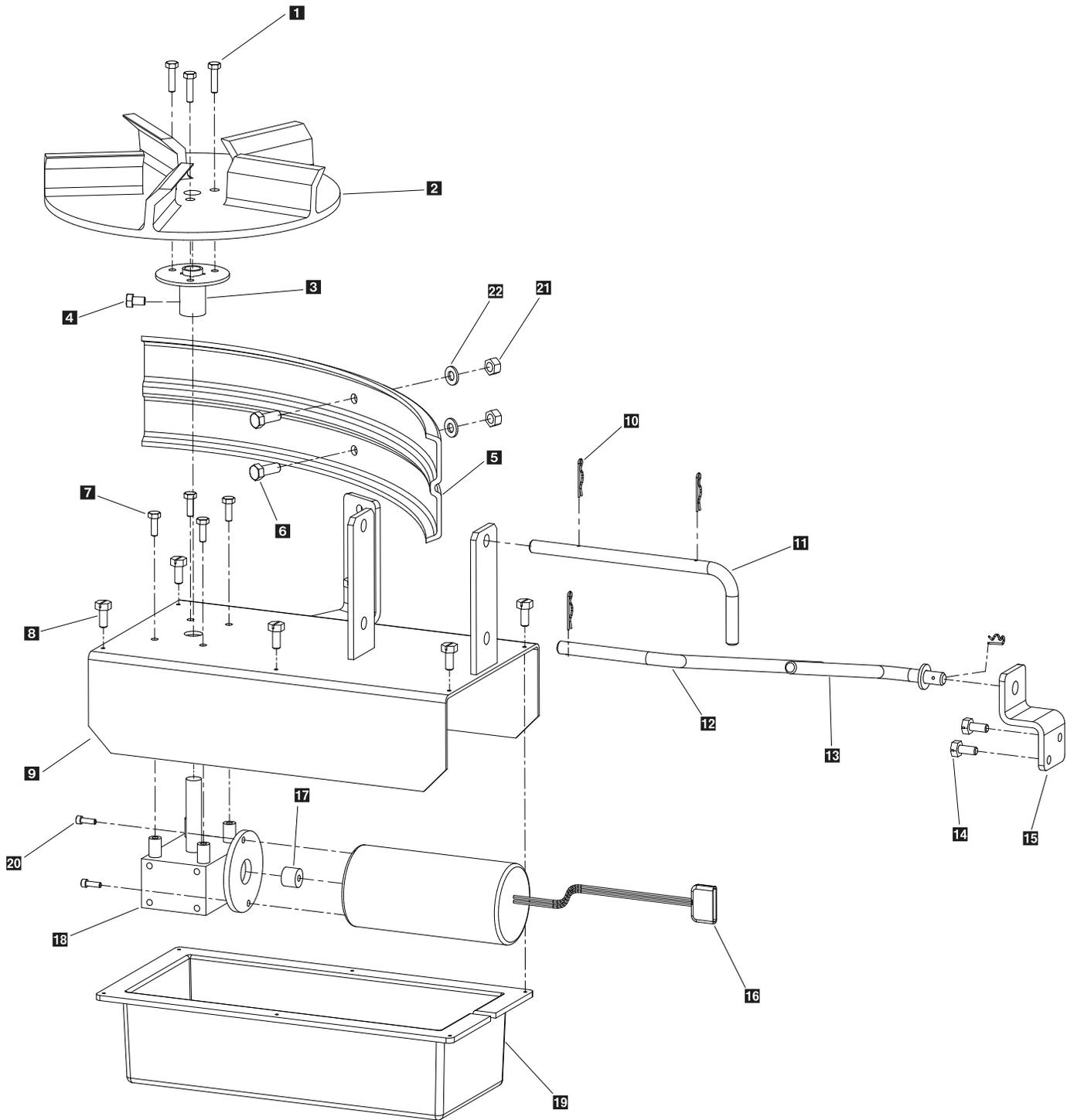
Model # SP-2200



Key	Part No.	Description	Qty.
<b>1</b>	D4124	3/8" Nylock Nut	4
<b>2</b>	D5527	Bearing	2
<b>3</b>	D5313	Auger Weldment	1
<b>4</b>	D5305	Transmission Mounting Bracket	2
<b>5</b>	D6825	Auger Motor	1
<b>6</b>	D5753	Transmission Bracket Mounting Bolt	8
<b>7</b>	D6132	1/4-20 x 3/4 SS HH Serrated Flange Bolt	2
<b>8</b>	D5706	5/16 Serrated Flange Bolt	4
<b>9</b>	D6894	Auger Transmission	1
<b>10</b>	D5306	Auger Motor Cover	1
<b>11</b>	D4313	Lock Washer	2
<b>12</b>	D6133	5/16-18 x 1/2 HH Bolt	2
<b>13</b>	Ref Only	3/16 Key Stock	2
<b>14</b>	D6842	Auger Motor Coupler	2
<b>15</b>	T15014	1/4" Flat Washer	2
<b>16</b>	D5776	Auger Coupler Spyder	1

# Spinner Drive Assembly Parts Breakdown

Model # SP-2200

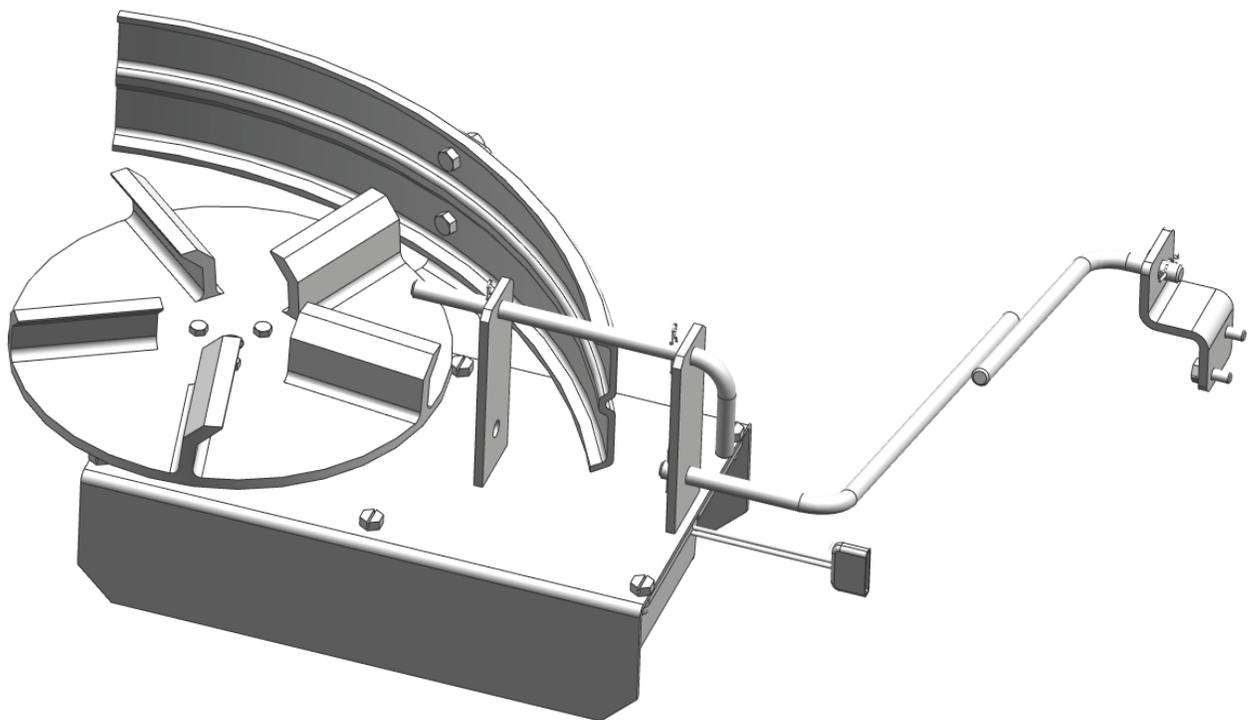


# Spinner Drive Assembly Parts Breakdown



Model # SP-2200

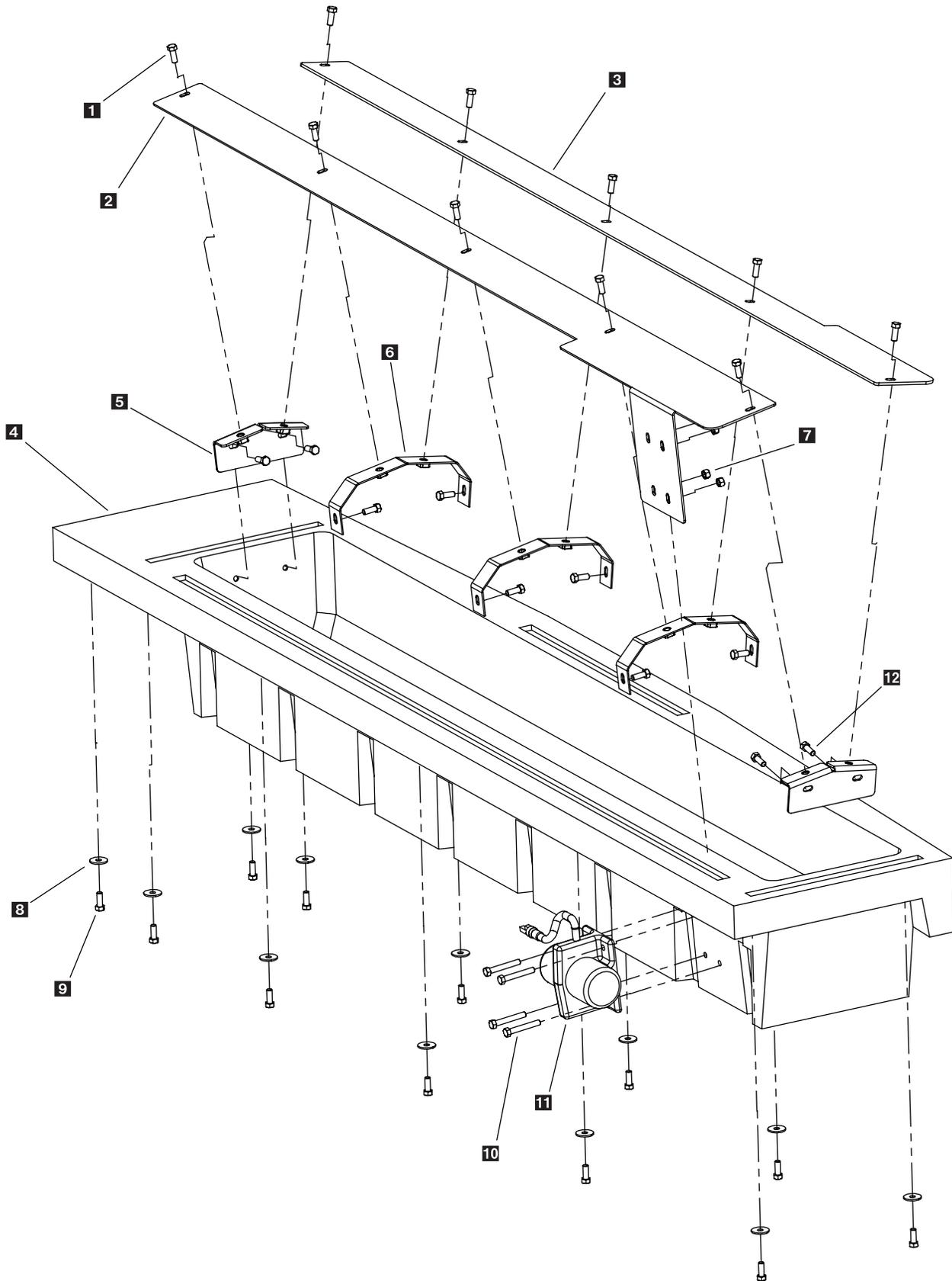
Key	Part No.	Description	Qty.
<b>1</b>	D6854	1/4-20 x 1" HWH Serrated	3
<b>2</b>	D6823	Urethane Spinner	1
<b>3</b>	D5718	Spinner Mounting Hub	1
<b>4</b>	D6133	5/16-18 x 1/2" Hex Bolt	1
<b>5</b>	D6327	Spinner Deflector	1
<b>6</b>	D4121	3/8"-16 x 1" HHCS	2
<b>7</b>	D6131	1/4-20 x 1/2" SS HWH Serrated TCS	4
<b>8</b>	D6877	#8 x 3/4 Self Driller HWH	6
<b>9</b>	D5721	Spinner Drive Enclosure	1
<b>10</b>	D4135	5/16 Hair Pin Clip	4
<b>11</b>	D5739	Spinner Drive Pin	1
<b>12</b>	D5741	Long Leveler Rod	1
<b>13</b>	D5740	Short Leveler Rod	1
<b>14</b>	D6447	5/16" x 1" Self Driller	2
<b>15</b>	D5738	Leveler Mount Bracket	1
<b>16</b>	D5722	Spinner Motor	1
<b>17</b>	D6232	Motor Coupler	1
<b>18</b>	D5723	Spinner Transmission	1
<b>19</b>	D5715	Spinner Motor Cover	1
<b>20</b>	D6172	#10-32 x 5/8" Serrated Flange Bolt	2
<b>21</b>	D4124	3/8" Lock Nut	2
<b>22</b>	D4125	3/8" Flat Washer	2



Complete Drive Assembly  
D5707

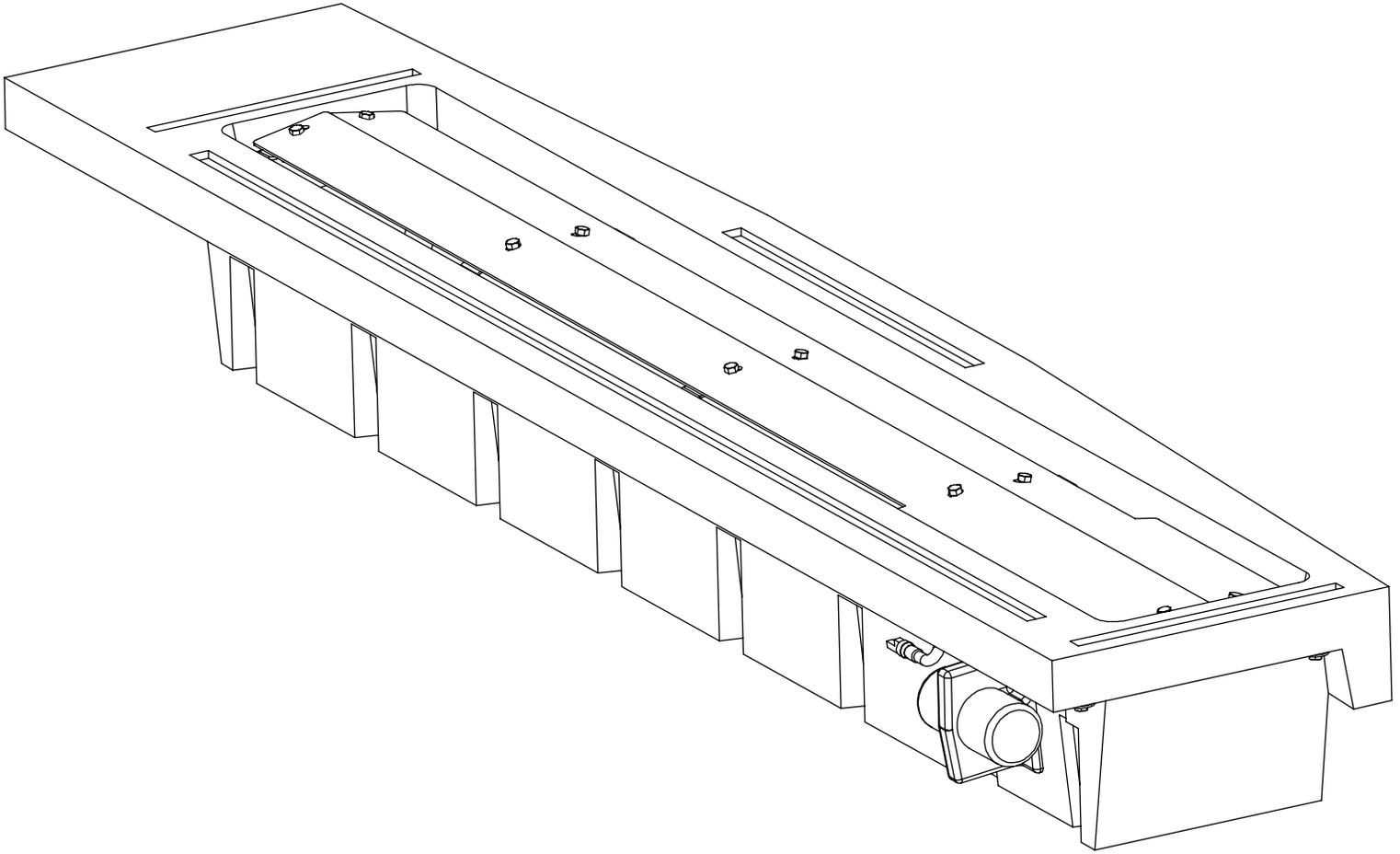
# Hopper Assembly Parts Breakdown

Model # SP-2200



# Hopper Assembly Parts Breakdown

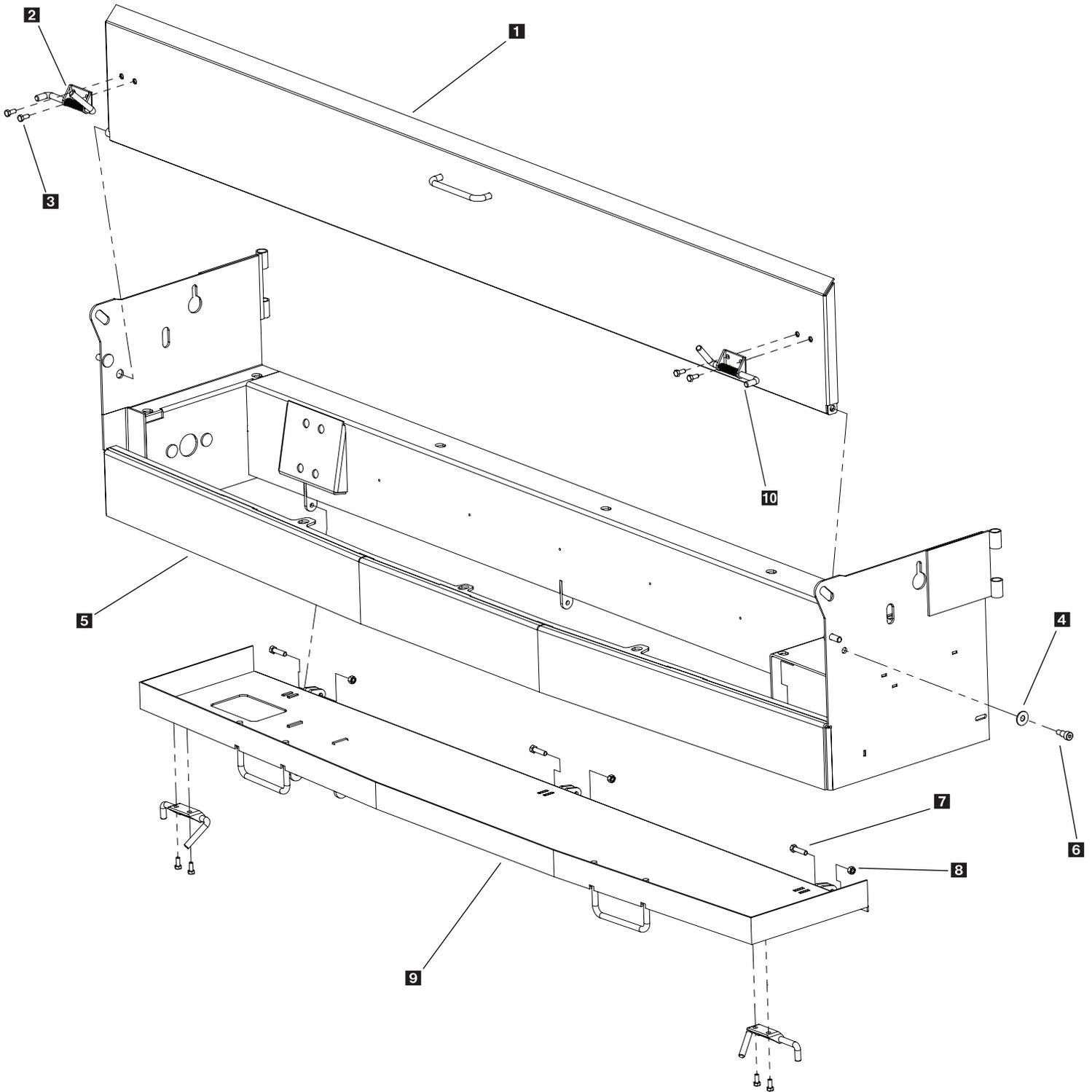
Model # SP-2200



Key	Part No.	Description	Qty.
<b>1</b>	D6978	3/8-16 x 3/4" HHCS SS	20
<b>2</b>	D5319	Front Baffle	1
<b>3</b>	D5320	Rear Baffle	1
<b>4</b>	D5300	SP-2200 Hopper	1
<b>5</b>	D5322	Baffle End Bracket	2
<b>6</b>	D5321	Baffle Support Bracket	3
<b>7</b>	D4124	3/8-16 Nylock	4
<b>8</b>	D4318	3/8" Fender Washer	24
<b>9</b>	D6452	3/8"-16 x 1" Serrated Hex Head	12
<b>10</b>	D6160	3/8"-16 x 2" Hex Head	4
<b>11</b>	D6515	Heavy Duty Vibrator	1
<b>12</b>	D4121	3/8-16 x 1" Hex Bolt	12

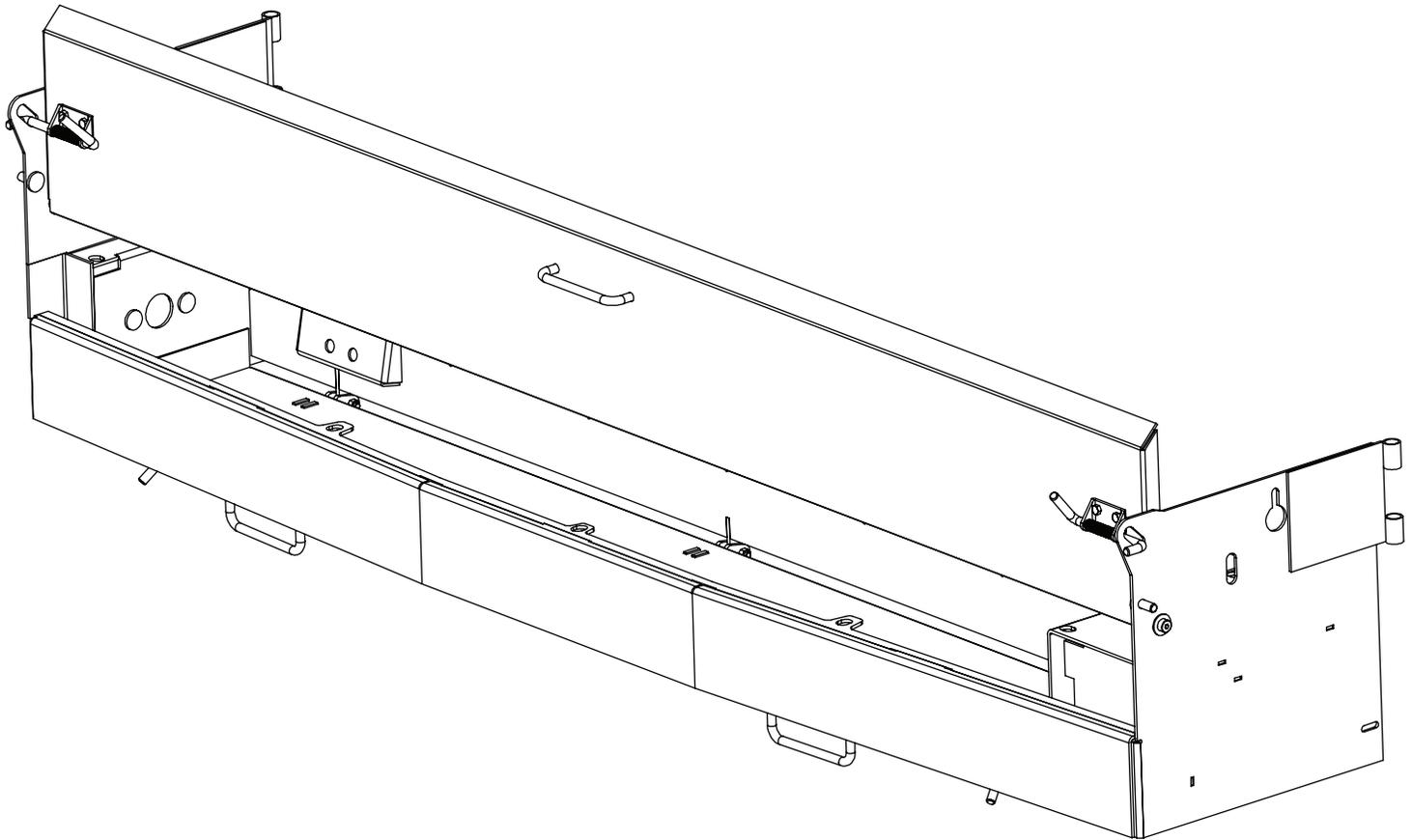
# Frame Assembly Parts Breakdown

Model # SP-2200



# Frame Assembly Parts Breakdown

Model # SP-2200



Key	Part No.	Description	Qty.
<b>1</b>	D 5307	Lid	1
<b>2</b>	D 5325	Latch left Hand	2
<b>3</b>	D 4121	3/8-16 x 1" Hex Bolt	2
<b>4</b>	D 6169	3/8" Stainless Washer	2
<b>5</b>	D 5301	Main Frame	1
<b>6</b>	D 5330	1/2" x 5/8" Shoulder Bolt Stainless Steel	1
<b>7</b>	D 6160	3/8"-16 x 2" Hex Bolt	3
<b>8</b>	D 4124	3/8-16 Nylock Nut	3
<b>9</b>	D 5304	Cleanout Pan	1
<b>10</b>	D 5326	Right Hand Latch	2

# Vehicle Harness Wiring Instructions



## Model # SP-2200

**Step 1:** Take harness assembly and route from the rear of the vehicle to the front. Route harness along frame and attach to frame holes and frame supports. It is not recommended to attach to fuel or brake lines for obvious reasons. Do not route close to exhaust system or engine, even though Snowex uses high temperature wiring. It still could melt under extreme heat and short the spreader electrical system as well as the vehicle electrical system.

**Step 2:** Mount rear plug above hitch plate using supplied bolts, locate between hinges (**important**). Make sure wiring and plug are clear of dump body pinch points. Apply a small amount of dielectric grease to contacts.

**Step 3:** Secure harness from the rear to the front using heavy duty ty-wraps or frame clips along the frame and lighter duty ty-wraps everywhere else.

**Step 4:** Drill a 1-1/4 hole in the firewall or use existing access hole (**check to make sure you are clear on the other side you intend to drill**). Route connector and harness through hole. The power harness from control box to battery will need to be routed from the inside of the cab to the battery – this results from the large amperage connector. Route leads with lugs to battery, do not connect power at this time.

**Step 5:** Connect harness to the back of the controller and mount to a suitable location. NOTE: You may want to contact customer before mounting controller as some prefer not to have holes drilled into the dashboard. Ty-wrap loose controller harness and move to the engine compartment. Do not mount close to any heater vents.

**Step 6:** Connect power leads to the battery: Red + Positive, Black – Negative, always connect to the primary battery if using a dual battery system, secure loose loom to any other large or medium vehicle harness with medium duty ty-wraps; this will secure wiring harness.

**Step 7:** Push the ON/OFF button on the controller to check for power, when that has been confirmed turn power OFF. The electrical portion of the installation is complete.

## Work Light Wiring Instructions

**Step 1:** Take light kit harness and route from the rear of the vehicle (left side) to the front. Follow main spreader wire route into vehicle cab and locate next to control mounting position.

**Step 2:** Mount rear power plug next to main spreader power plug. Install work light onto spreader (see fig. 1 below) and also connect harness adapter to light assembly. Do not connect light adapter to main vehicle harness at this point.

**Step 3:** Attach Vehicle harness (pos +) lead to supplied switch. Next attach (pos +) lead coming off main control input power lead to switch. The final connection will be to connect the (neg-) wire from the vehicle harness to the main control input power lead. Both the (pos +) and (neg -) connection points will be male/female insulated spade terminals.

**Step 4:** Connect work light adapter to vehicle plug, test work light by switching toggle on/off.

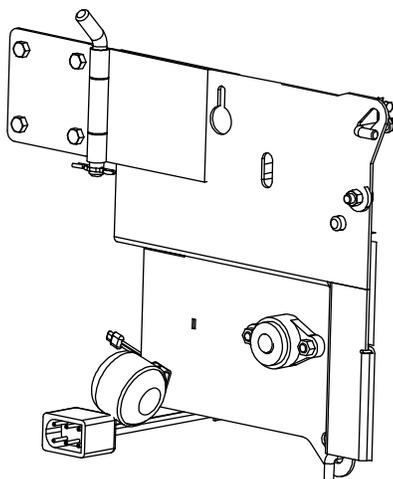
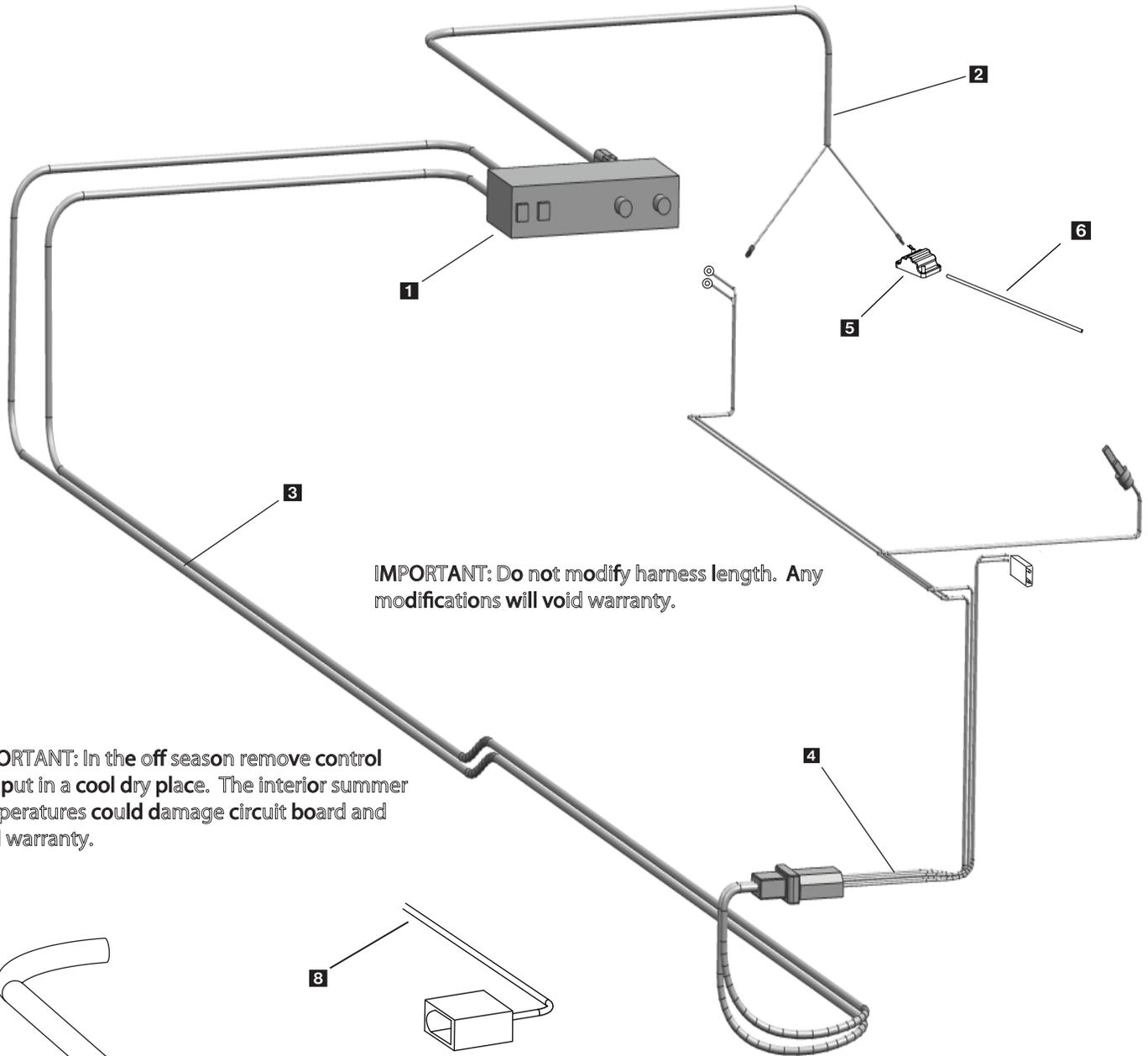


Fig 1.

**IMPORTANT: Do not modify harness length. Any modifications will void warranty.**

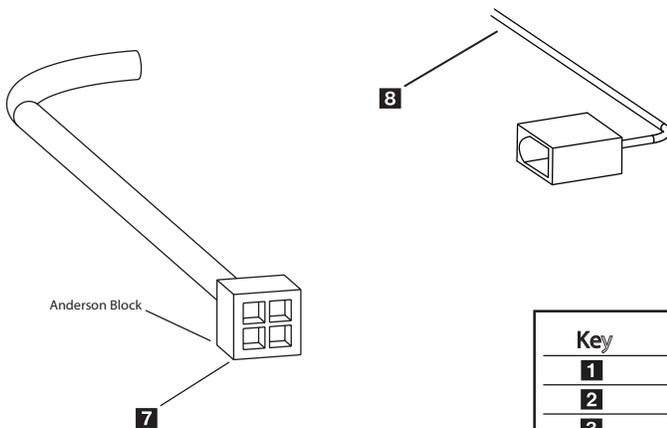
# Electrical System Parts Breakdown

Model # SP-2200



**IMPORTANT: Do not modify harness length. Any modifications will void warranty.**

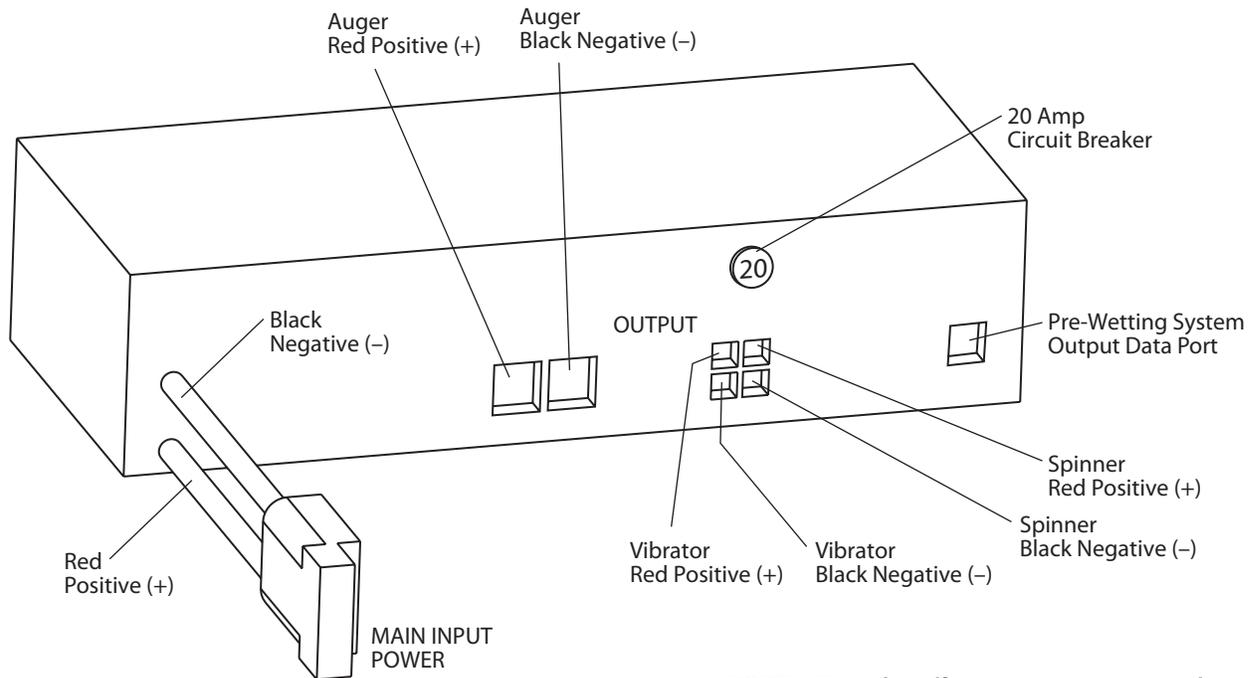
**IMPORTANT: In the off season remove control and put in a cool dry place. The interior summer temperatures could damage circuit board and void warranty.**



Key	Part No.	Description	Qty.
1	D 5716	Spreader Speed Control	1
2	D 6837	Control Power Harness	1
3	D 6836	Vehicle Harness	1
4	D 5708	Spreader Harness	1
5	D 6839	6 Ga. Breaker wire	1
6	D 6851	100 Amp Resettable Breaker	1
7	D 6170	Anderson Connector With Leads	1
8	D 6841	Vehicle Harness Dust Cap	1

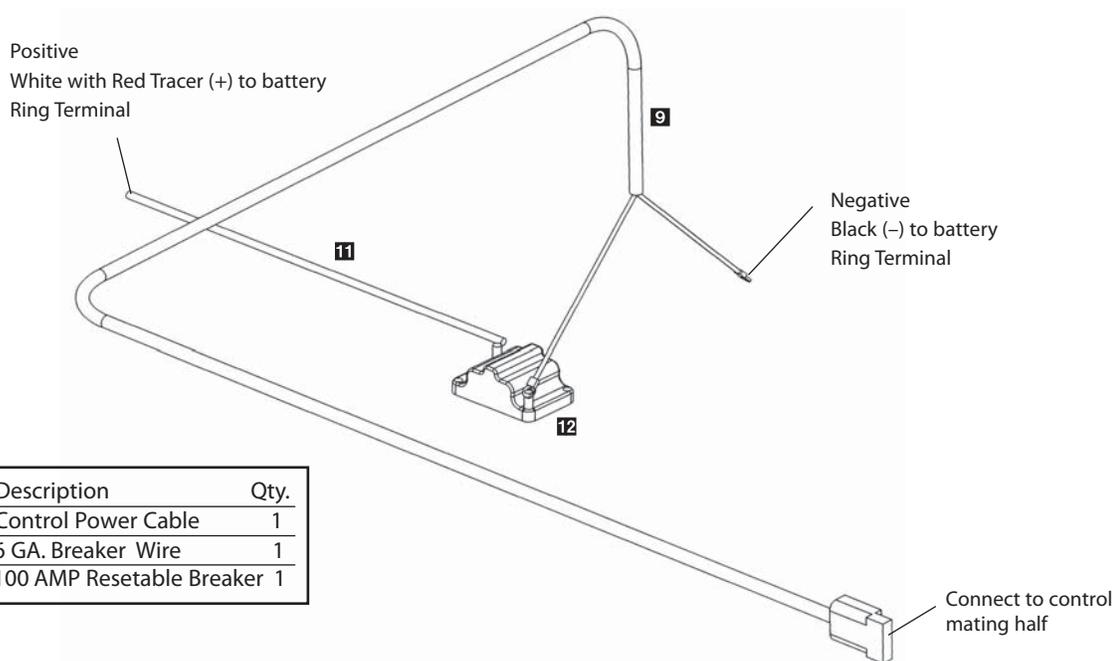
# Controller Wiring Diagram

Model # SP-2200



**IMPORTANT:** In the off season remove control and put in a cool dry place. The interior summer temperatures could damage circuit board and void warranty.

## Control Power Cable



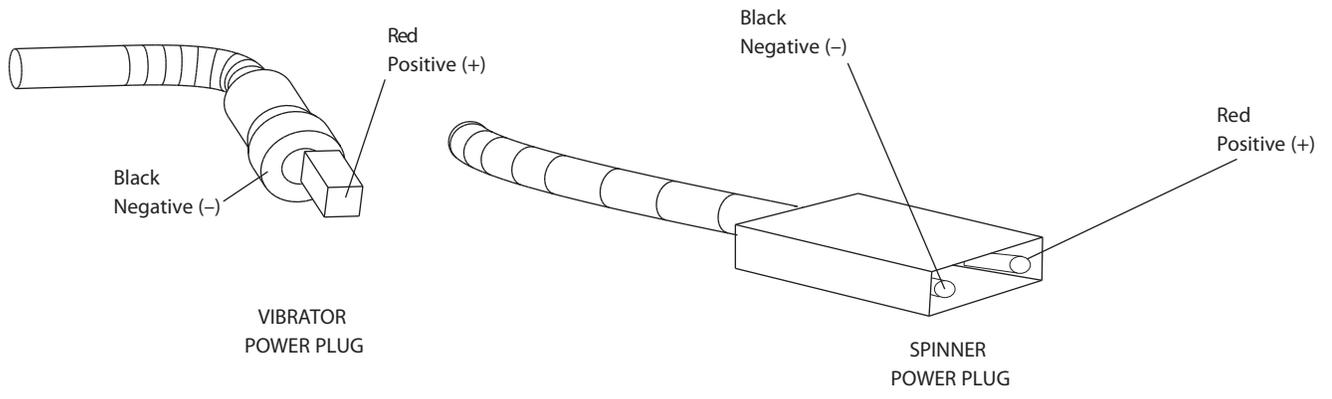
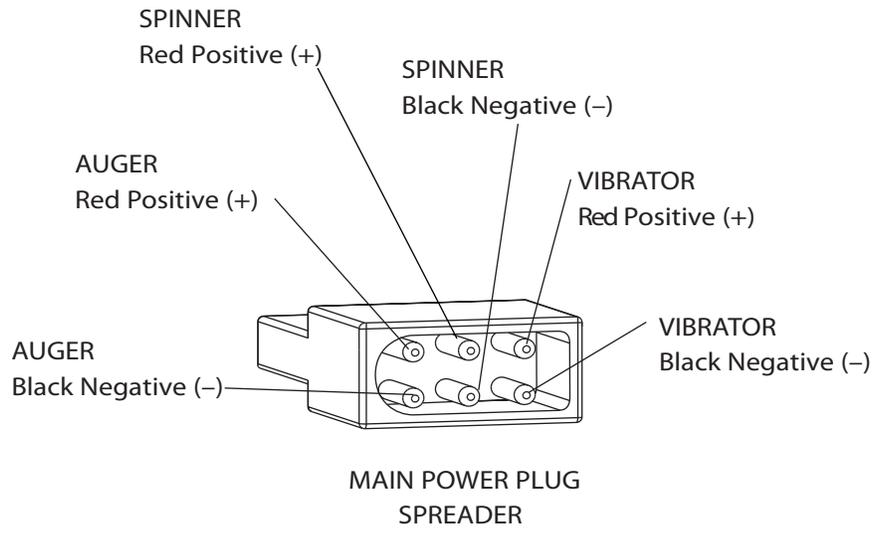
Key	Part No.	Description	Qty.
9	D 6837	Control Power Cable	1
11	D 6839	6 GA. Breaker Wire	1
12	D 6840	100 AMP Resettable Breaker	1

\* NOTE:

- A) Leads must only be attached to battery.
- B) 100 Amp breaker must be inserted.

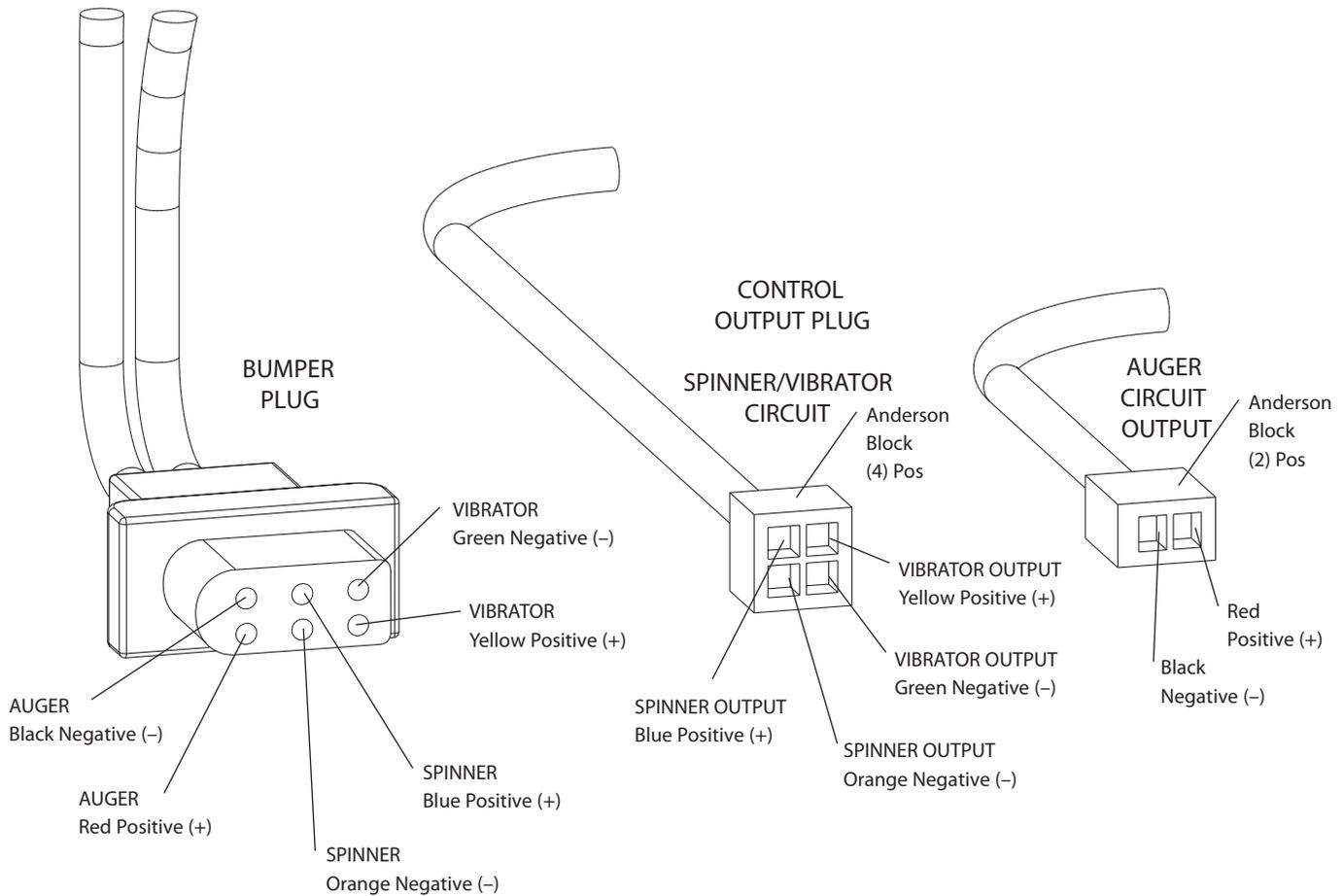
# Spreader Power Harness Circuit Diagram

Model # SP-2200



# Vehicle Harness Circuit Diagram

Model # SP-2200

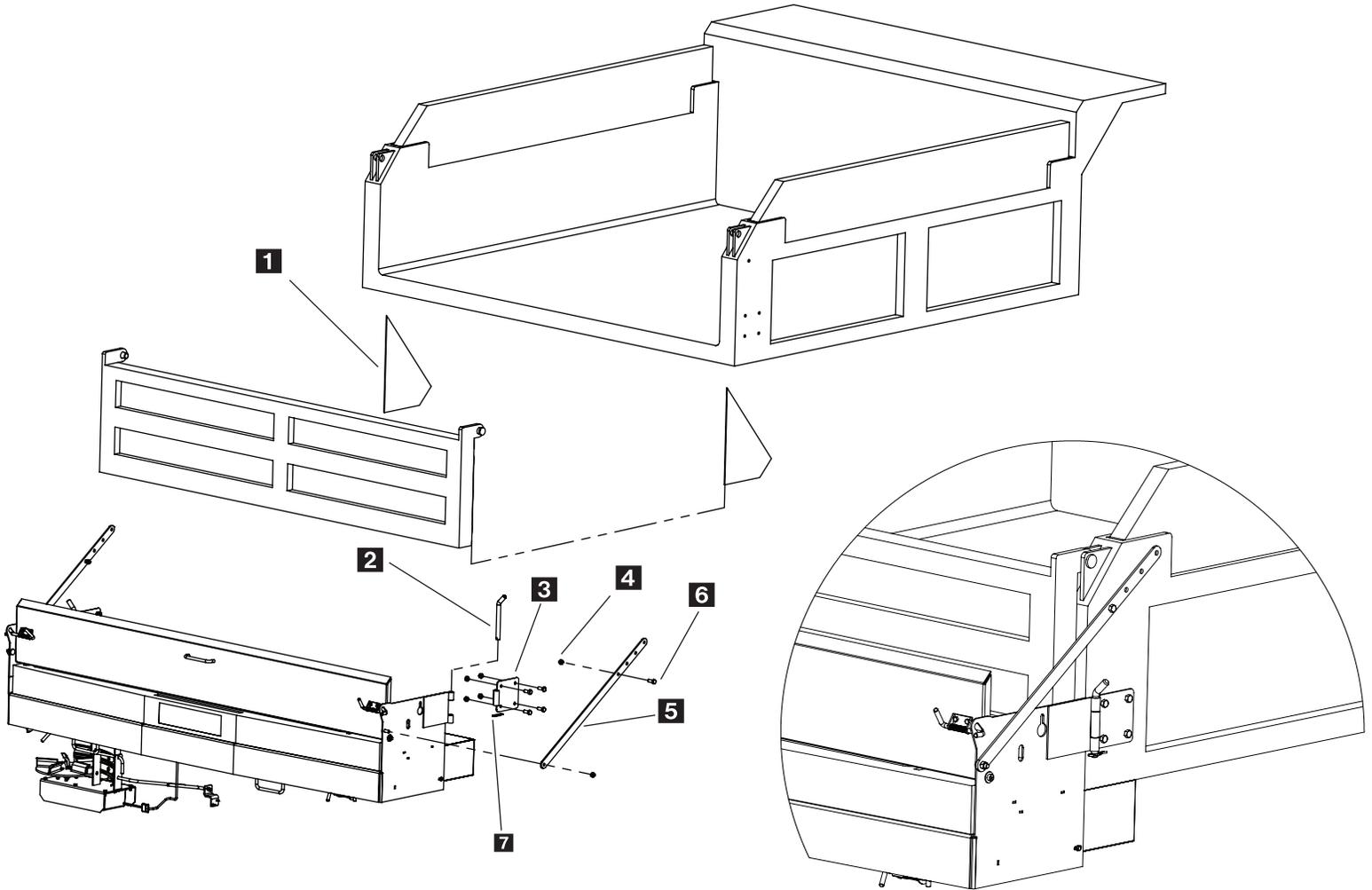


\* NOTE: Reference Bumper Plug for Color Code

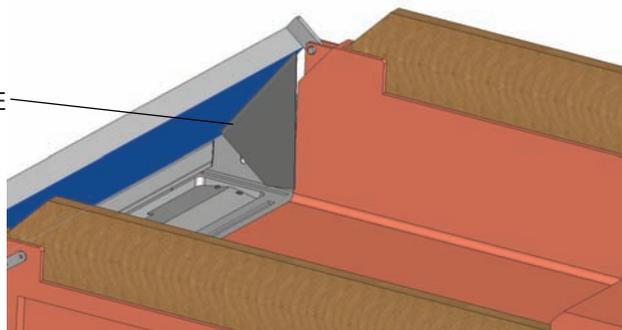
# Mounting System Exploded View



Model # SP-2200



TRIM SIDE PLATES AS  
NEEDED TO ALLOW GATE  
TO SWING OPEN.



Key	Part No.	Description	Qty.
<b>1</b>	D5308	Salt Shield	2
<b>2</b>	D5309	Hinge Pin	2
<b>3</b>	D5303	Hinge Truck Side	2
<b>4</b>	D5535	1/2-13 Nylox Nut	10
<b>5</b>	D5312	Mounting Strap	2
<b>6</b>	D6143	1/2-13 x 1-1/4 Serrated Flange Bolt	10
<b>7</b>	D4135	Hair Pin Clip	1

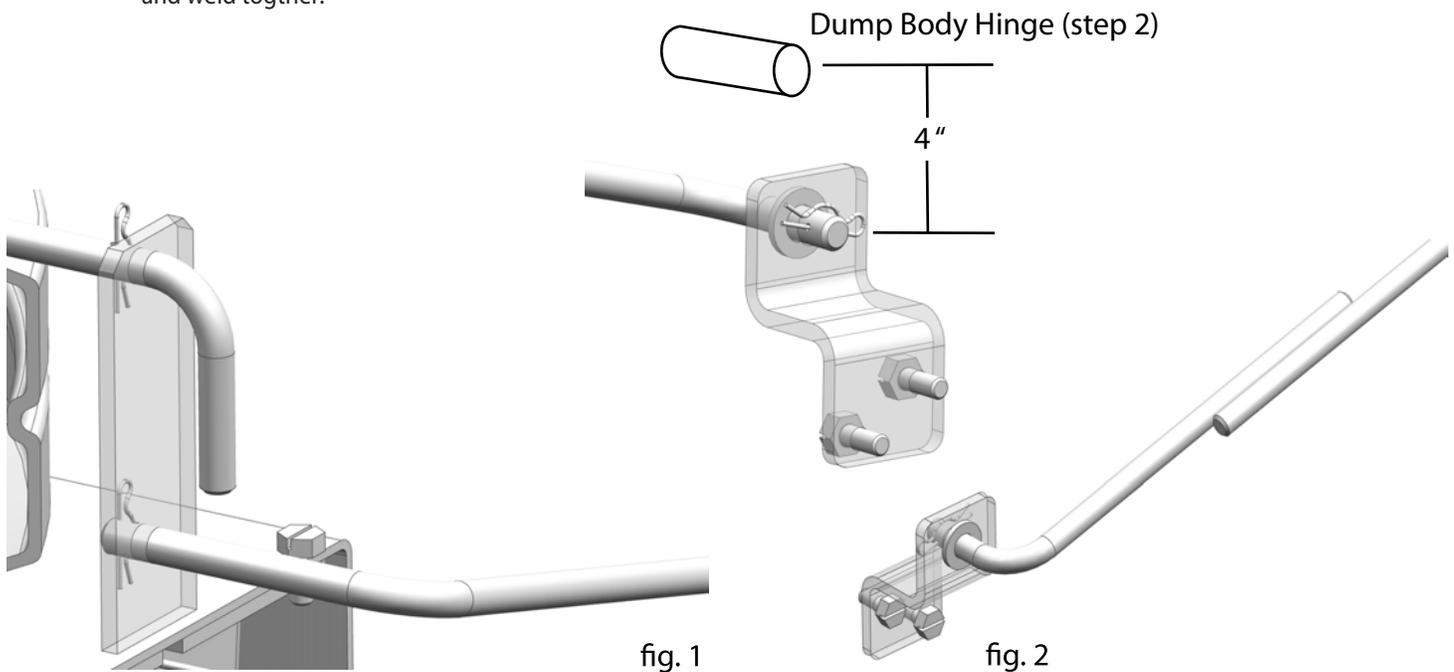
## Mounting Instructions

### Model # SP-2200

- Step 1: Use a lifting strap to position the spreader up against the rear of truck and level unit.
- Step 2: Attach hinges to spreader with hinge pin and clip
- Step 3: If bolting mark holes, drill and install with supplied hardware. Repeat for other side.
- Step 4: Install mounting strap on spreader and position on on dump body corner post at a 45 degree angle if possible. Mark and drill upper hole in corner post and bolt into position. Repeat for other side.
- Step 5: If welding brackets in place then disregard bolting steps.
- Step 6: Install salt shields on tailgate by tack welding in place and slowly swing gate open to make contact with spreader top cover. You may have to trim shield slightly to allow proper gate swing. Make sure shield will block off salt from escaping when tailgate is opened. Complete welding operation when proper clearances are achieved.

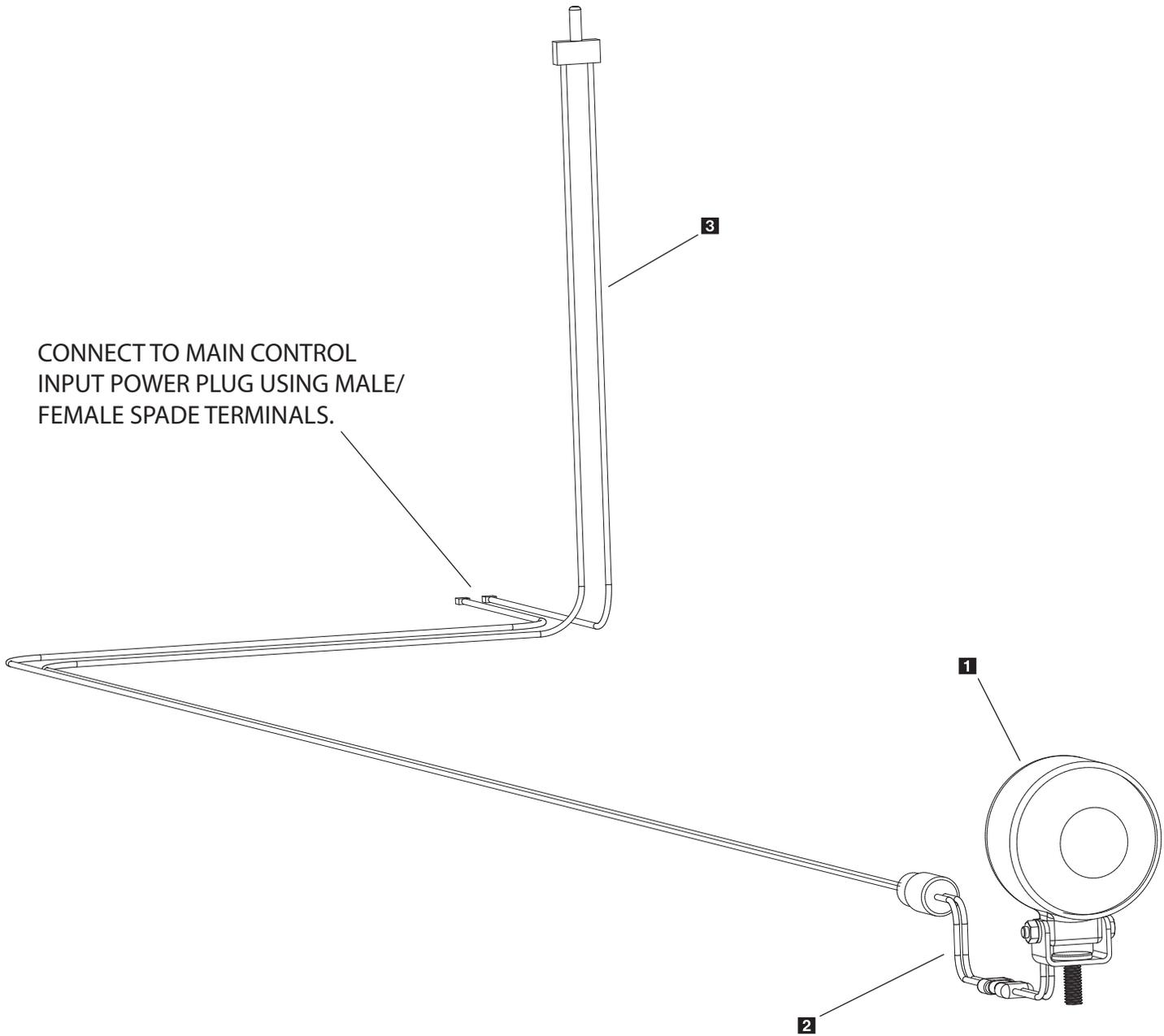
## Mounting Instructions for self leveling spinner bracket

- Step 1: Secure long leveling rod D5741 to spinner enclosure through bottom hole in bracket with hair pin clip through hole in pin (see fig 1).
- Step 2: Mount drive leveling bracket D5738 to frame rail 4" below center of hinge. Weld or bolt in place (see fig 2).
- Step 3: Connect D5740 short leveling rod to drive leveling bracket with hair pin clip. Align both rods next to each other (see fig2) and weld together.



# Work Light System Parts Breakdown

Model # SP-2200



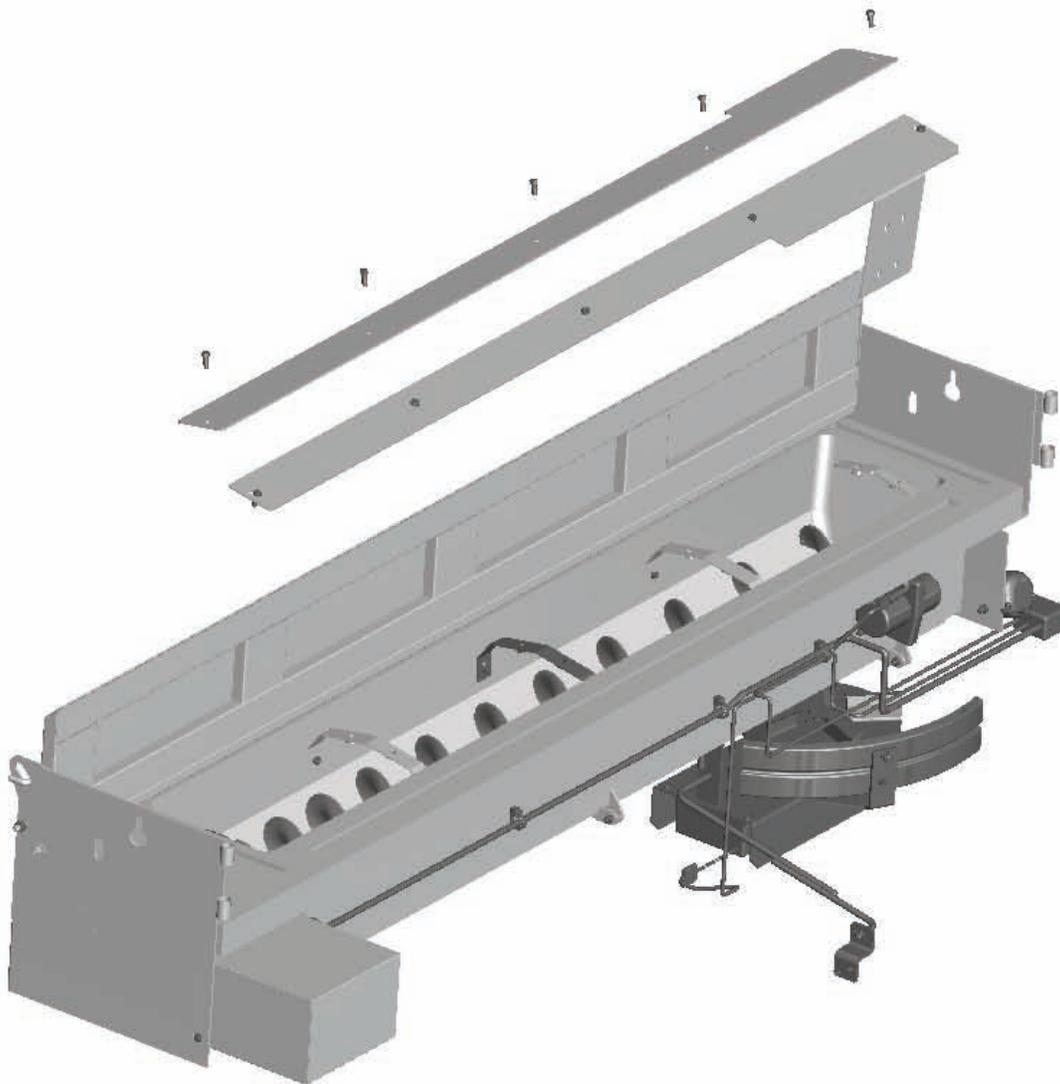
Key	Part No.	Description	Qty.
<b>1</b>	D 6784	Work Light Assembly	1
<b>2</b>	D 5726	Work Light Adapter	1
<b>3</b>	D 5719	Vehicle Harness W/Switch	1

# Operating the Spreader

Model # SP-2200

## SP-2200 INTERIOR BAFFLE INSTRUCTIONS

- The SP-2200 uses a multi-function baffle system over the auger area.
- This twin baffle design is used to reduce load on the auger drive train which controls amperage load to the electrical system. It must not be removed unless servicing the unit.
- The baffle system is also connected to the vibrator to assist with material flow. Make sure vibrator bolts are tight before operating spreader.
- **WARNING:** Always disconnect power source before attempting to remove material baffles.



### PREPARATION

CAUTION – Sweep area clear of foreign objects or obstacles that could cause personal injury. Keep other persons, children, or animals out of the area to be spread.

### SPREADER LOADING

WARNING – Do not overload vehicle. Use chart below to calculate weight of material. Weights of material are an average for dry materials.

<u>Material</u>	<u>Weight Per Cubic Ft.</u>
Rock Salt	35-40 lbs.
Sand/Salt Mix	95-120 lbs.

- Be sure to comply with manufacturer's maximum gross vehicle weight ratings.
- Warning– Never leave materials in hopper for long periods of time as salt is hygroscopic and will attract atmospheric moisture and harden up. When spreading sand mix, a 1:1 ratio for Sand/Salt mix is recommended to prevent the material from freezing.

### SPREADING TIPS

- Never exceed 10 m.p.h. when spreading.
- For a wider pass, increase spinner speed.
- For a heavier pass, drive slower, or increase auger speed.
- Never operate spreader near pedestrians.
- Spread ice melters with the storm to prevent unmanageable levels of ice.
- Calculate spread pattern when near vegetation.

### 2200 CONTROL OPERATION

- The Dual Variable Speed Control has dual finger-tip dials for maximum performance, digital system status with warning protection and built-in Vibrator Switch.
- To start, press power switch on controller and spreader will accelerate to speed set on spinner and auger dials.
- To stop, press power switch on controller to off position.
- Speed of auger and spinner may be adjusted separately to get desired flow and spread distance from spreader.
- The Vibrator Switch is needed for dense material or to increase the flow to the auger. This eliminates bridging of material in hopper.

## WARNING PROTECTION

- If audible beeping occurs, read display to identify problem. If display reads “OL” (overload) or “OH” (overheat), shut controller down and carefully clear jammed auger. If display reads “E1” this means there is a dead short in system. Do not use until problem is corrected. If display reads “E 0” this means that the motor is not getting any power. Check all connections. If display reads “LB” the vehicle battery is extremely low (possibly caused by a poor or corroded connection) and could damage the system.
- If there are any problems while operating the spreader, refer to Troubleshooting Guide.

## AUTO-REVERSE “AR” FUNCTION

- If your controller displays “OL” this could indicate a jammed auger.
- To engage the Auto-Reverse “AR” function:

Step 1: Shut the Main Power Switch OFF for 3 seconds.

Step 2: Turn the Main Power Switch ON. When the machine starts back up the “AR” sequence will automatically start and the auger will reverse for several rotations to clear the jam.

- After a pause of several moments, the auger will automatically return to correct rotation.
- If the jam is still not cleared, the controller will again display “OL”.
- You may repeat Steps 1 & 2 for a second and third time.
- If after the third try the controller displays “OL” — you must extract the material that is causing the problem.
- Follow all warning directions when clearing jams.

# Troubleshooting



## Model # SP-2200

Whenever service is necessary, your local SnowEx Dealer knows your Spreader best. Take your Spreader to your local dealer for any maintenance or service needs on your unit. If this is not possible, the Troubleshooting Guide below may assist you in identifying the problem.

Warning: First read all warning instructions and safety messages before servicing your spreader.

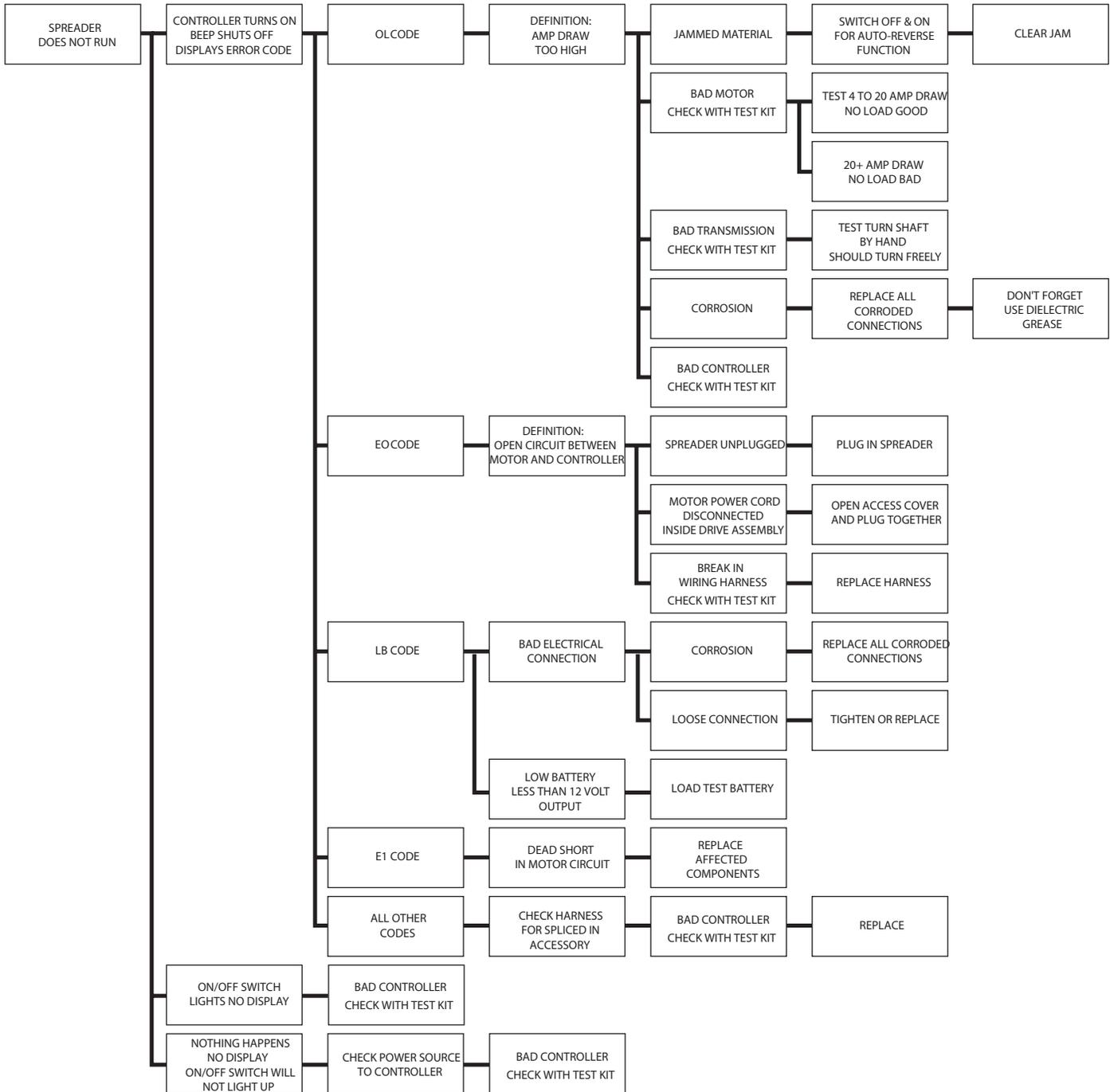
### Preliminary Checks

- Be sure all electrical connections are tight and clean.
- Be sure nothing is jammed in the hopper.

PROBLEM	POSSIBLE CAUSE	SOLUTION
Motor doesn't run.	Loose electrical connections.	Check all connections.
	Blown Fuse.	Replace fuse.
	Motor Seized.	Replace motor.
Controller shut down.	Jammed auger.	Carefully clear jammed material.
	Poor electrical connections.	Clean or replace connectors. Use dielectric grease.
	Electrical short.	Check electrical connections. Check for bare wires.
	Controller failure.	Replace controller.
Material not flowing from hopper.	Empty hopper.	Fill hopper.
	Wet material.	Replace with dry material.
	Frozen or coarse material.	Replace material.
	Spinner not turning.	Check drive assembly.
	Auger loose on shaft.	Tighten locking bolt on the side of the auger. There is a flat machined on the driver shaft. Align the auger with this flat and tighten the bolt.
	Vibrator not working.	Replace vibrator
Audible alarm beeping and display shows OL or OH.	Jammed auger, overload shut down.	Turn off for three seconds, then restart. If shut down continues, turn off controller. Clear debris and lumps from auger areas.
Audible alarm beeping display shows E1.	Short in system.	Turn off. Do not use until problem is corrected.
Audible alarm beeping display shows EO.	Motor is not getting power.	Turn off. Check all connections.
Audible alarm beeping display shows LB.	Vehicle battery is extremely low, or a poor connection exists.	Turn off. Charge battery.

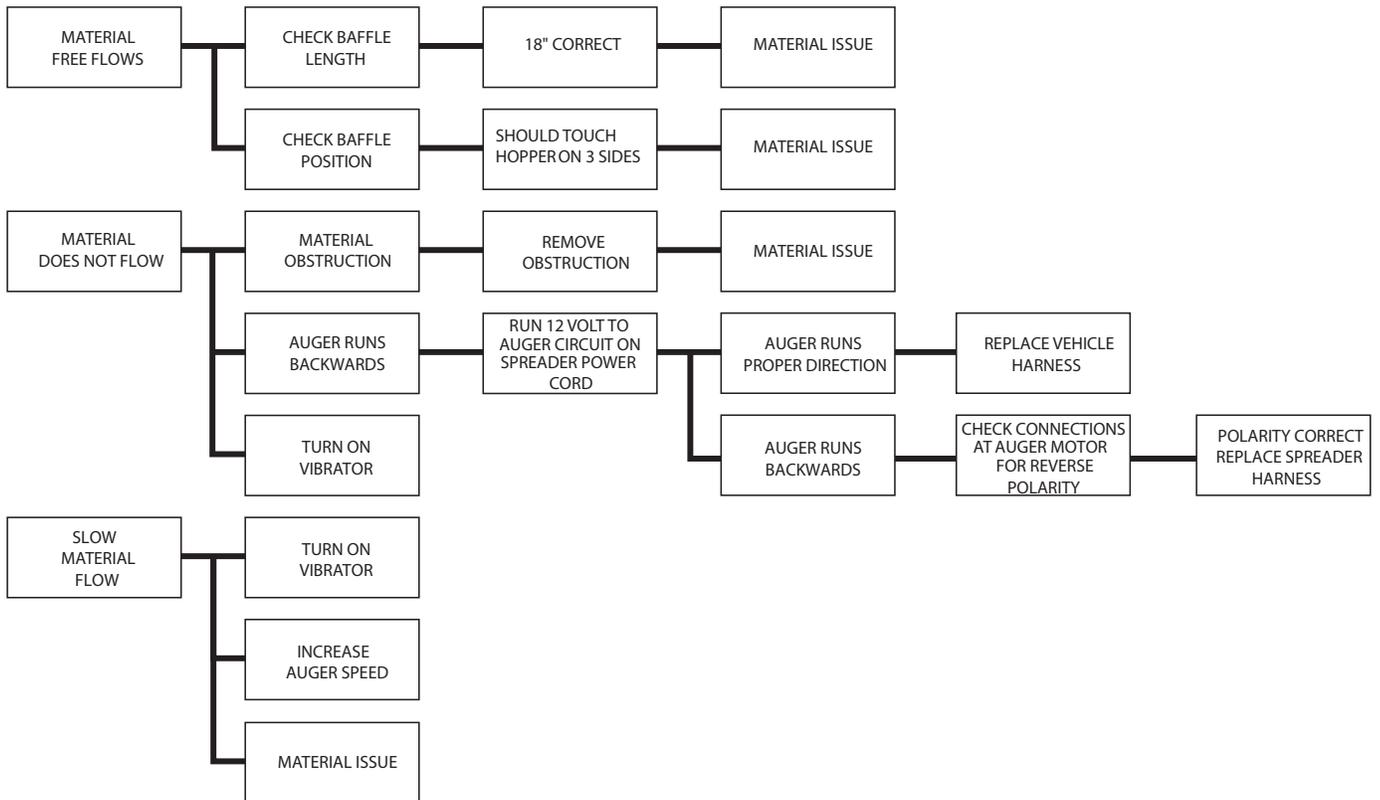
# Troubleshooting

Model # SP-2200



# Troubleshooting Material Flow

Model # SP-2200



# Spreader Maintenance

## Model # SP-2200

- **WARNING** – When servicing is necessary, perform it in a protected area. Do not use power tools in rain or snow because of danger of electrical shock or injury. Keep area well lighted. Use proper tools. Keep the area of service clean to help avoid accidents.
- **WARNING** – Disconnect electricity to spreader before servicing.
- **CAUTION** – The controller is a solid state electronic unit and is not serviceable. Any attempt to service will void warranty.
- **CAUTION** – There are no serviceable parts in the motor/transmission assembly. Any attempt to service will void warranty.
- **CAUTION** – When replacing parts use only original manufacturer's parts. Failure to do so will void warranty.
- Use dielectric grease on all electrical connections to prevent corrosion at the beginning and end of the season and each time plugs are disconnected.
- Gently wash unit after each use to prevent material build-up and corrosion.
- **CAUTION** – When pressure washing motor enclosure area, stay at least 36" away from all electrical items.
- Paint or oil all bare metal surfaces at the end of the season.
- Apply small amount of light oil to latches as needed.
- If motor cover is removed for any reason, use silicone sealant to ensure weather proofing of enclosure.
- Grease bearings after every 20 hour's use.
- After first use, tighten all nuts and bolts on spreader and mount.
- **WARNING:** Never remove spreader with material in hopper.
- **ATTENTION:** Store control in cool dry place during the off season.
- **CAUTION** – Spinner motor is not designed for continuous duty. Allow motor to cool between long cycle times.
- **CAUTION** – Vibrator is not designed for continuous duty. Allow motor to cool between long cycle times.
- **CAUTION** – Do not modify vehicle or spreader wiring harness. Doing so will void product warranty.

### Determining Vehicle Payload

Material Type	Example: Coarse Salt – Dry				
Equipment installed when vehicle was weighed	SP-2200				
Front Gross Axle Weight Rating (RGAWR)					
Rear Vehicle Weight Rating (GVWR) (lb.)	8600				
Gross Vehicle Weight (GVW) (lb.) (empty)	– 6500	–	–	–	–
Payload Available (lb.)	= 2100	=	=	=	=
Material Weight (lb./cu. yd.)	÷ 1431	÷	÷	÷	÷
Maximum Volume (cu. yd.)	= 1.47	=	=	=	=
Maximum Height (approximate) (in.)	24"				
Loaded Front Gross Axle Weight (FGAW) (lb.)					
Loaded Rear Gross Axle Weight (RGAW) (lb.)					
Loaded Gross Vehicle Weight (GVW) (lb.)					

### Torque Chart

When tightening fasteners, refer to the Torque Chart below for the recommended fastener torque values.

Recommended Fastener Torque Chart (ft.-lb.)			
SIZE	SAE Grade 2	SAE Grade 5	SAE Grade 8
1/4-20	6	9	13
5/16-18	11	18	28
3/8-16	19	31	46
3/8-24	24	46	68
7/16-14	30	50	75
1/2-13	45	75	115
9/16-12	66	110	165
5/8-11	93	150	225
3/4-10	150	250	370
7/8-9	202	378	591
1-8	300	583	893

Metric Grade 8.8 (ft.-lb.)			
SIZE	TORQUE	SIZE	TORQUE
M 6	7	M 12	60
M 8	17	M 14	95
M 10	35	M 16	155

These torque values apply to mount assembly fasteners except those noted in the instruction.

### Material Weights

Refer to the table below for the weight per cubic yard of common spreading materials.

MATERIAL	WEIGHT (lb. per cubic yard)
Fine Salt – Dry	2,025
Coarse Salt – Dry	1,431
Sand/Salt Mix – Dry (50/50)	2,700
Cinders	1,080

## Limited Warranty

Snowex products are warranted for a period of two years from the date of purchase against defects in material or workmanship under normal use and service, subject to limitations detailed below. Warranty period of two years begins on the date of purchase by the original retail user.

The WARRANTY REGISTRATION CARD must be returned to the manufacturer for this warranty to become effective. This warranty applies to the original retail purchaser only. This warranty does not cover damages caused by improper installation, misuse, lack of proper maintenance, alterations or repairs made by anyone other than authorized Snowex dealers or Snowex personnel. Due to the corrosive properties of the materials dispensed by spreaders, Trynex does not warrant against damage caused by corrosion. Warranty claims by the user must be made to the dealer from where the product was purchased, unless otherwise authorized by Snowex. Snowex reserves the right to determine if any part is defective and to repair or replace such parts as it elects. This warranty does not cover shipping costs of defective parts to or from the dealer.

### LIMITATION OF LIABILITY

Neither Snowex, nor any company affiliated with it, makes any warranties, representations for promise as to the performance or quality other than what is herein contained. The liability of Snowex to the purchaser for damages arising out of the manufacture, sale, delivery, use or resale of this spreader shall be limited to and shall not exceed the costs of repair or replacement of defective parts. Snowex shall not be liable for loss of use, inconvenience or any other incidental, indirect or consequential damages, so the above limitations on incidental or consequential damages may not apply to you.

**NO DEALER HAS AUTHORITY TO MAKE ANY REPRESENTATION OR PROMISE ON BEHALF OF SNOWEX, OR TO ALTER OR MODIFY THE TERMS OR LIMITATIONS OF THIS WARRANTY IN ANY WAY.**

# Warranty Registration and Customer Survey



To initiate the warranty on your new SnowEx spreader and assure prompt warranty service, please complete the following warranty registration and customer survey, sign and mail it back to the factory within 30 days of purchase.

1) Date of Purchase: \_\_\_\_\_

2) Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_

3) SnowEx Model Purchased: \_\_\_\_\_ Serial Number: \_\_\_\_\_

4) Is this your first Trynex Spreader?  Yes  No

5) What type of vehicle are you using with your Spreader?

Make \_\_\_\_\_ Model \_\_\_\_\_ Year \_\_\_\_\_

6) What type of material are you using in your spreader? \_\_\_\_\_

7) SnowEx Dealer Name: \_\_\_\_\_

SnowEx Dealer Address: \_\_\_\_\_

\_\_\_\_\_

SnowEx Dealer Phone: \_\_\_\_\_

8) Does your Trynex Dealer stock Trynex replacement Parts?  Yes  No  I don't know

9) Do you feel your Trynex Dealer sold you the correct product for your needs/application?  Yes  No

10) How would you rate your overall satisfaction with your SnowEx Dealer?

<input type="checkbox"/>						
Very Satisfied	Satisfied	Somewhat Satisfied	Somewhat Dissatisfied	Dissatisfied		Very Dissatisfied

11) How would you rate your overall satisfaction with your SnowEx Product?

<input type="checkbox"/>						
Very Satisfied	Satisfied	Somewhat Satisfied	Somewhat Dissatisfied	Dissatisfied		Very Dissatisfied

12) Would you purchase another Trynex Product?  Yes  No

13) If you would like to receive E-Mail ALERTS for new products, bulletins or special promotions please supply address: \_\_\_\_\_

14) Please use the space below to convey your comments and/or suggestions.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

NOTE: I have read the owner's manual and all safety precautions and I understand that this equipment could be dangerous if not operated with care and under the proper conditions.

15) Owner's signature: X \_\_\_\_\_

PLEASE FOLD AND SEAL WITH TRANSPARENT TAPE BEFORE MAILING.

Warm Up to

**SNOWEX** 

with a

**FREE**

**Winter Band!**



Simply Fill Out Your  
Warranty Registration and  
Return It to the Factory!

From:

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Postage  
Required  
Post Office will  
not deliver  
without proper  
postage.

**TRYNEX**   
INTERNATIONAL

23455 REGENCY PARK DR.  
WARREN MI 48089-2667

