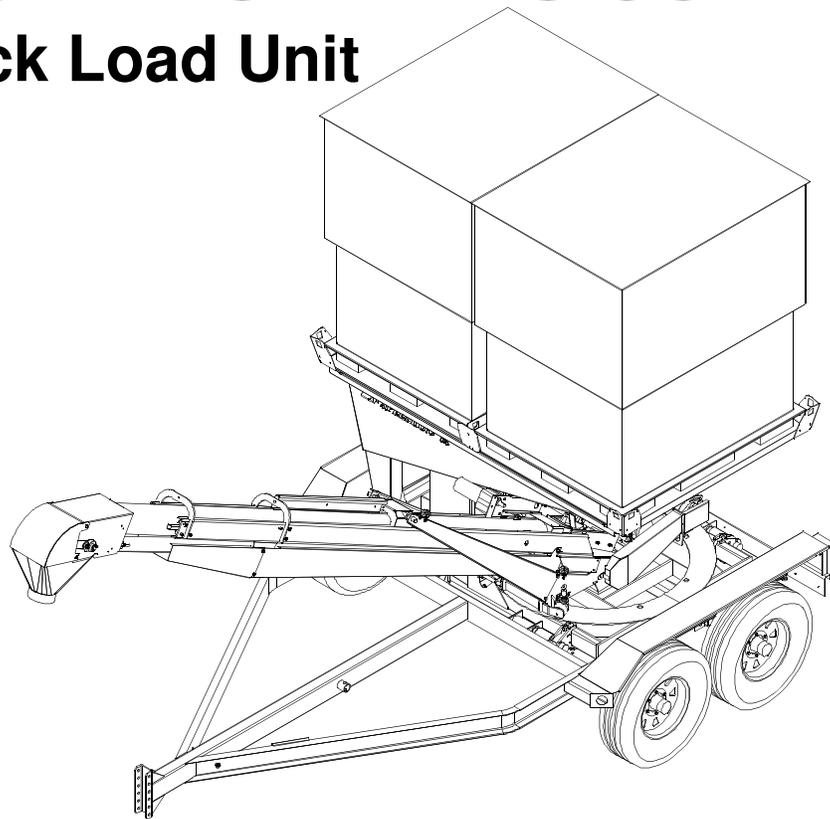




Seed Box Tote

Back Load Unit



OWNER'S MANUAL

OPERATION • MAINTENANCE • REPAIR PARTS

#04175600 (2013)

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Identification

Your Seed Tender is identified by a Serial Number and Model Number. Record these numbers in the spaces provided in this manual and refer to them when ordering parts or requesting service.

Serial Number	Model Number
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Warranty

CrustBuster/Speed King, Inc. of Dodge City, Kansas, warrants consumer products, so far as the same is of our own manufacture, against defects in material and workmanship under normal and reasonable use for a period of one (1) year after date of delivery to the original purchaser. Our obligation under this warranty is limited, however, to furnishing a replacement part for a defective part, or at our option to repair the defective parts without charge, either method F.O.B. our works, provided the consumer gives CrustBuster/Speed King, Inc. written notice within ten (10) days after said part appears to be defective and affords CrustBuster/Speed King, Inc. an opportunity to inspect. Unless otherwise expressly agreed to by CrustBuster/Speed King, Inc., the consumer shall bear the expense of installation.

CrustBuster/Speed King, Inc. will not be liable for consequential damages where the loss is commercial, including but not limited to loss of profit, delays or expenses.

This warranty sets forth the extent of our liability. The foregoing is in lieu of all other warranties, expressed or implied, including any warranties that extend beyond the description of the product.



BE ALERT!

Your Safety is involved.

General Safety Statement



WATCH FOR THIS SYMBOL. IT POINTS OUT IMPORTANT SAFETY PRECAUTIONS. IT MEANS "ATTENTION— BECOME ALERT!"

YOUR SAFETY IS INVOLVED.

It is your responsibility as an owner, operator, or supervisor to know and instruct everyone using this Seed Tender at the time of initial assignment and at least annually thereafter, of the proper operation, precautions, and work hazards which exist in the operation of this Seed Tender in accordance with OSHA Regulations.

Safety Is No Accident

The following safety instructions, combined with common sense, will save your equipment from needless damage and the operator from unnecessary exposure to personal hazard. Pay special attention to the caution notes in the text. Review this manual at least once each year with new and/or experienced operators.



1. Read and understand the operator's manual before operating this Seed Tender. Failure to do so is considered a misuse of the equipment.
2. Make sure Seed Tender is secure before operating.
3. Always keep children away from Seed Tender when operating.
4. Make sure everyone that is not directly involved with the operation is out of the work area before beginning the operation.
5. Make sure all safety devices, shields, and guards are in place and are functional before beginning the operation.
6. Shut off power to adjust, service, or clean.
7. Keep hands, feet, and clothing away from moving parts. It is a good idea to remove all jewelry before starting the operation.
8. Visually inspect the Seed Tender periodically during operation for signs of excessive vibration, loose fasteners, and unusual noises.
9. Before transportation unit, make sure tube assembly is locked into place and safety strap is on and secure.
10. Keep box tote on level surface.

Safety Decals

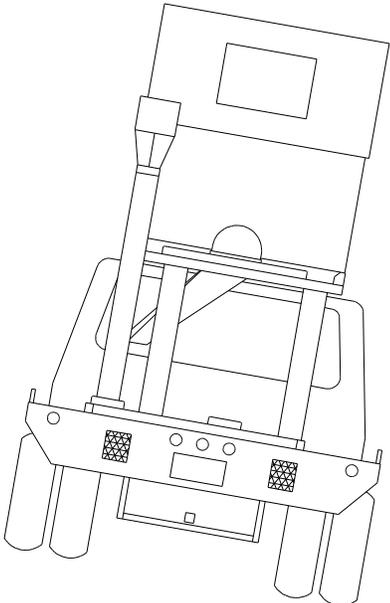
REMEMBER: If Safety signs have been damaged, removed, become illegible or parts replaced without decals, new decals must be applied. New decals are available from your authorized distributor or factory. Individual decals shown below.

#05326400



WARNING

TIP OVER HAZARD.



TOP HEAVY LOAD.
USE A TRAILER OR
A VEHICLE WITH
ADEQUATE HAULING
CAPABILITY.

05326400

#05303300



CAUTION

1. Read and understand the operator's manual before operating.
2. Keep all safety shields and devices in place.
3. Make certain emergency is clear before operating machine.
4. Keep hands, feet and clothing away from moving parts.
5. Shut off power to adjust, service, or clean.
6. Make sure machine is secured before operating.
7. Disconnect power before resetting motor overload.
8. Make certain electric motors are grounded.

#05312400



CAUTION

KEEP ALL SHIELDS IN PLACE

#05328000



DANGER

SAFETY HAZARD
DO NOT ENTER

ROTATING COMPONENTS
INSIDE HOPPER.

#05316500



CAUTION

WHEN TRANSPORTING,
MOVE FUEL VALVE
TO OFF POSITION.

05316500

#05310800

DEBRIS UNDER CONTAINER
OR ON TOP OF STAND
WILL PREVENT SEALING

05310800



Danger

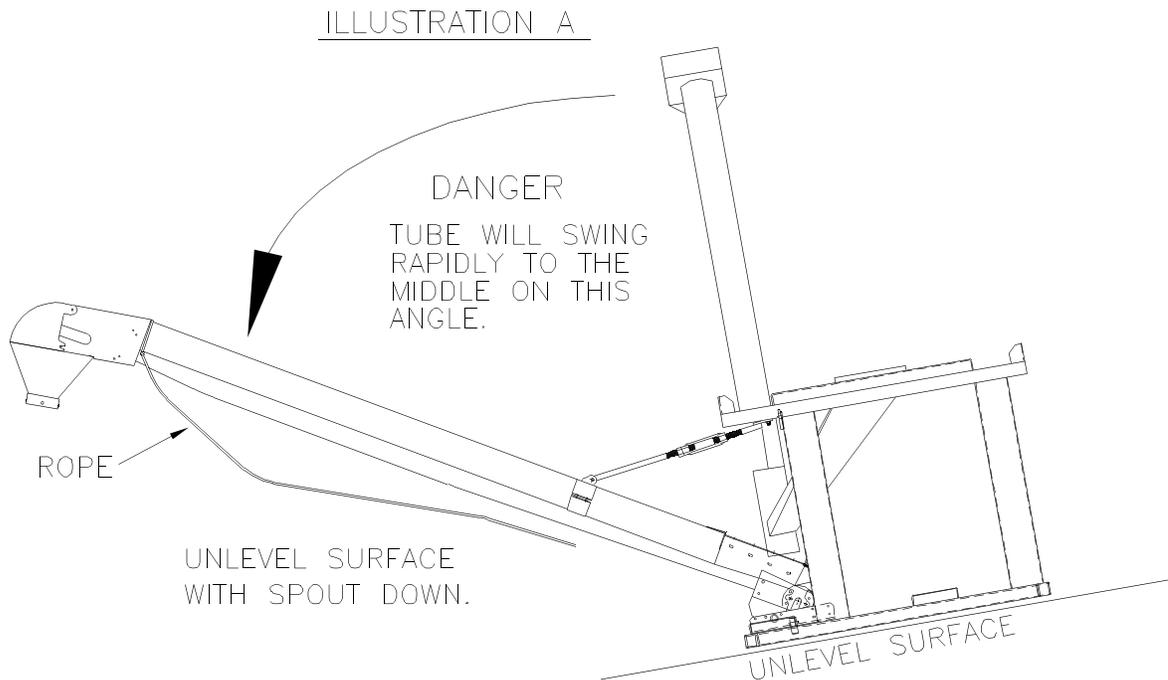
**BE ALERT! YOUR PERSONAL SAFETY IS INVOLVED.
ALWAYS PARK TENDER ON LEVEL SURFACE TO UNLOAD.**

Before releasing safety strap that secures tube assembly, make sure tender is sitting on a level surface.

If parked on an unlevel surface, and the tube assembly is not restrained, it could swing rapidly and out of control to one side or the other.

The rope attached to the tube is to assist in guiding the tube. If tube is swinging out of control, the rope may not control the tube.

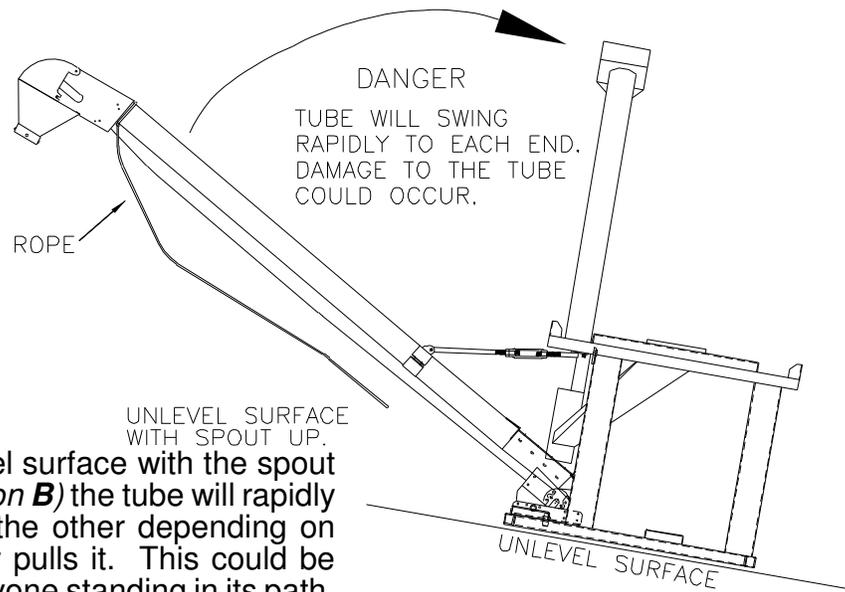
If parked on an unlevel surface with the spout side down, (See *illustration A*) the tube could rapidly swing out.





Danger

ILLUSTRATION B

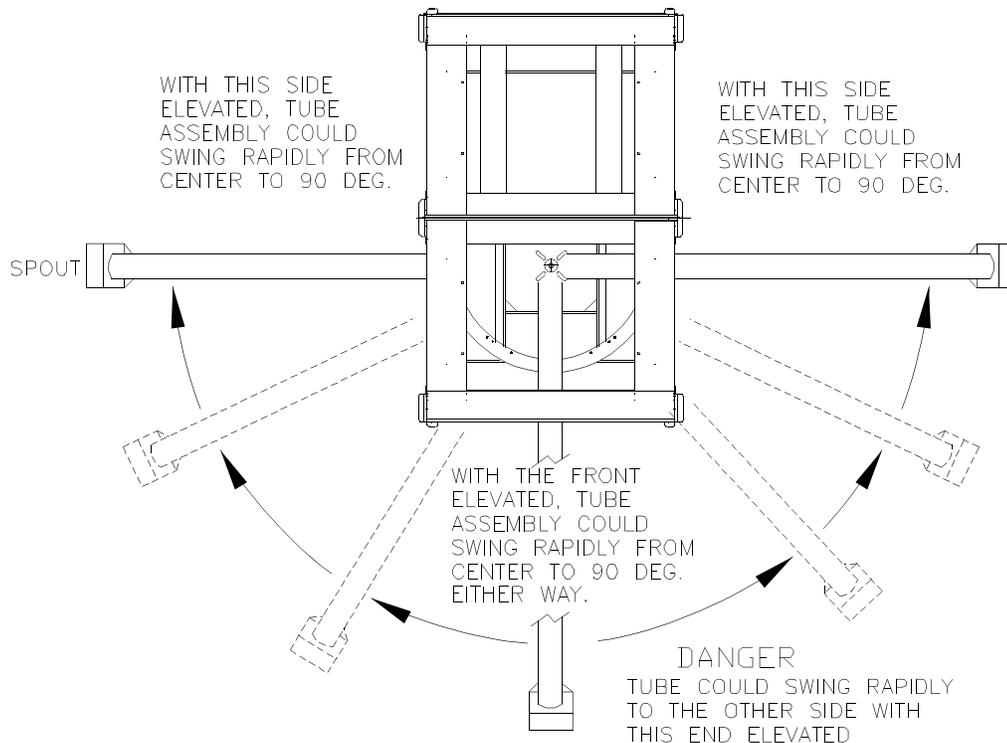


If parked on an unlevel surface with the spout side up, (See illustration B) the tube will rapidly swing to one end or the other depending on which side the gravity pulls it. This could be very hazardous for anyone standing in its path. Be very cautious of situation.

If parked on an unlevel surface with the spout side up, (See illustration C) the tube could rapidly swing from one end to the other.

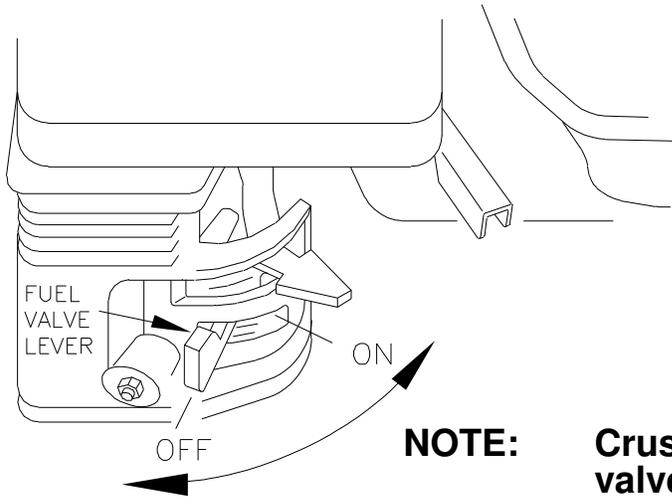
This could be very hazardous for anyone standing in its path. Be very cautious of this situation. This could also cause damage to the tube assembly.

ILLUSTRATION C





CAUTION



FUEL VALVE

When engine is not in use, leave the fuel valve lever in the OFF position to prevent

- carburetor flooding
- fuel in the oil crank case because of transporting vibrations
- the possibility of fuel leakage.

See engine owner's manual to help you avoid other damage to your engine.

NOTE:

CrustBuster recommends fuel valve be shut off and the motor run completely out of fuel before transporting.

Assembly

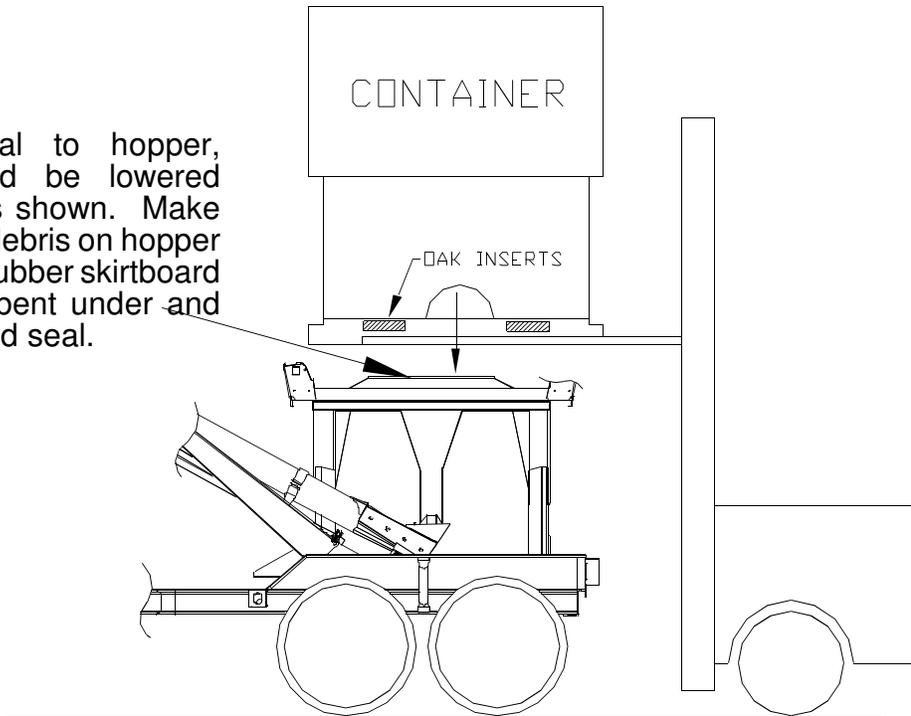


CAUTION

ALWAYS LIFT THE CONTAINER FROM THE BOTTOM. NEVER USE STRAPS OR LIFT BY TYING ANYTHING TO THE SIDES OF THE CONTAINER. REQUIRES MINIMUM 3000 LB. FORKLIFT TO PICK UP FULL CONTAINER. OAK INSERTS, LOCATED IN THE BASE OF THE CONTAINER, REDUCE LIPPAGE ON FORKLIFT FORKS AND PROVIDE STRUCTURAL SUPPORT.

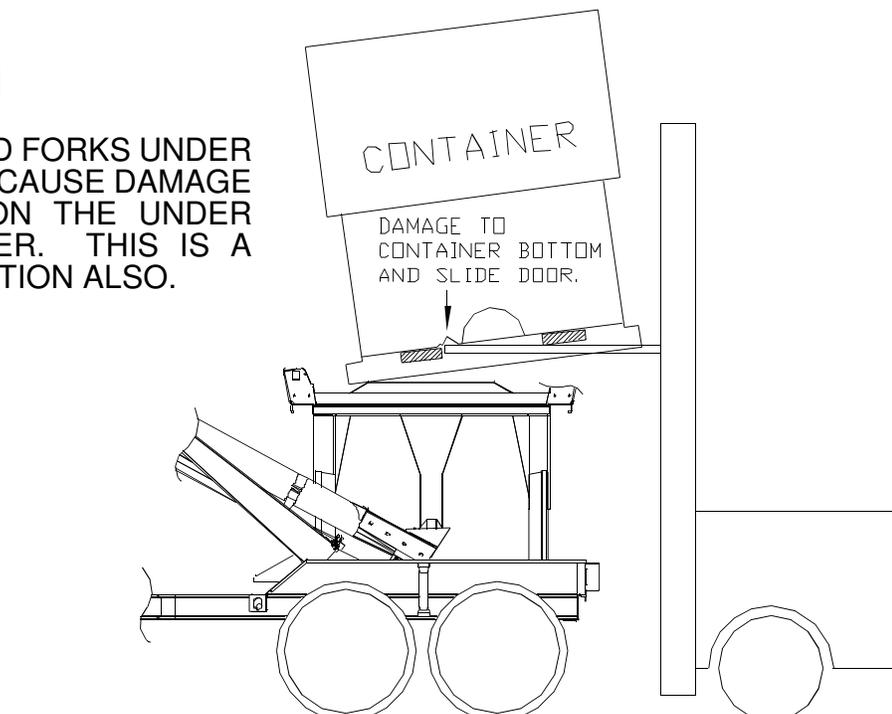
NOTE:

For proper seal to hopper, container should be lowered straight down as shown. Make sure there is no debris on hopper top. Make sure rubber skirtboard deflector is not bent under and preventing a good seal.



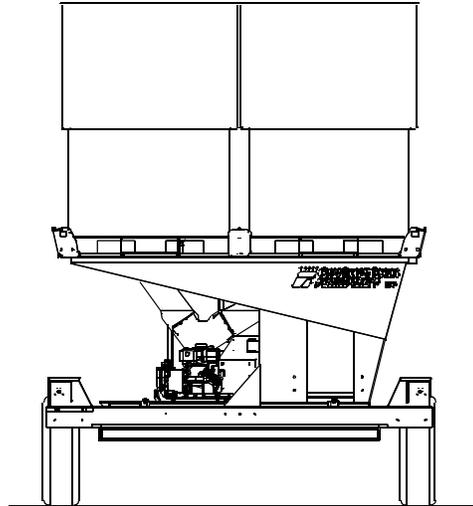
CAUTION

FAILURE TO EXTEND FORKS UNDER OAK INSERTS WILL CAUSE DAMAGE TO SLIDE DOOR ON THE UNDER SIDE OF CONTAINER. THIS IS A DANGEROUS SITUATION ALSO.



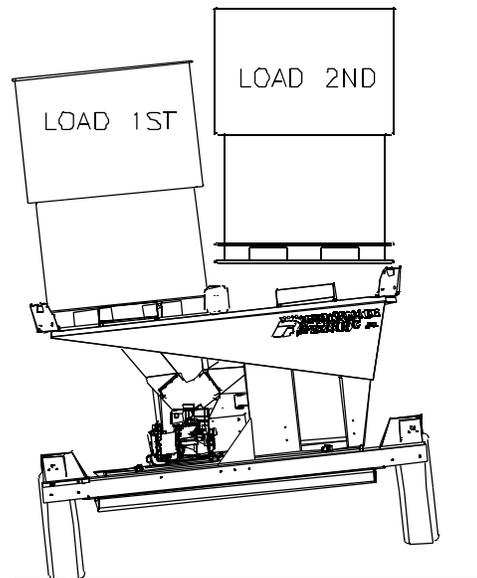
Seed Box Loading

TO LOAD SEED BOXES, THE TOTE SHOULD BE ON LEVEL GROUND OR SURFACE AS SHOWN.



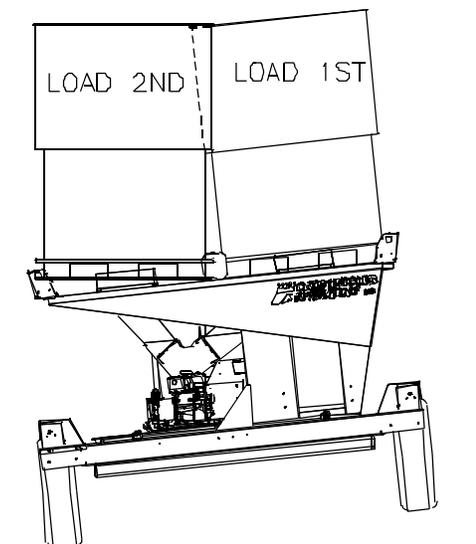
IF IT IS NOT POSSIBLE TO LOAD ON A LEVEL SURFACE, LOAD THE DOWN HILL CONTAINER FIRST, AS SHOWN.

THIS IS THE RIGHT WAY!

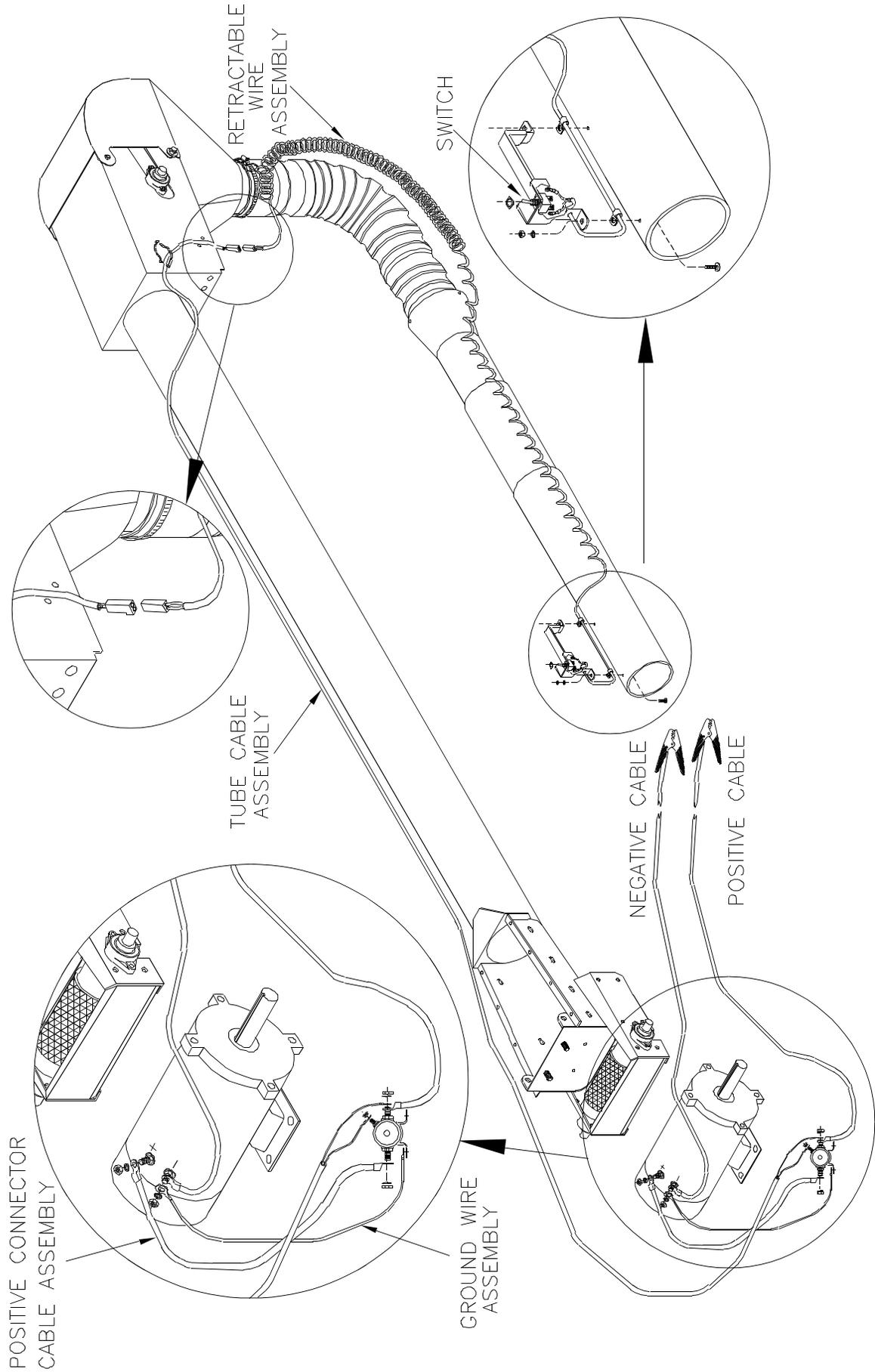


IF YOU LOAD THE UP HILL BOX FIRST, IT WILL BE VERY DIFFICULT TO GET THE SECOND BOX LOADED.

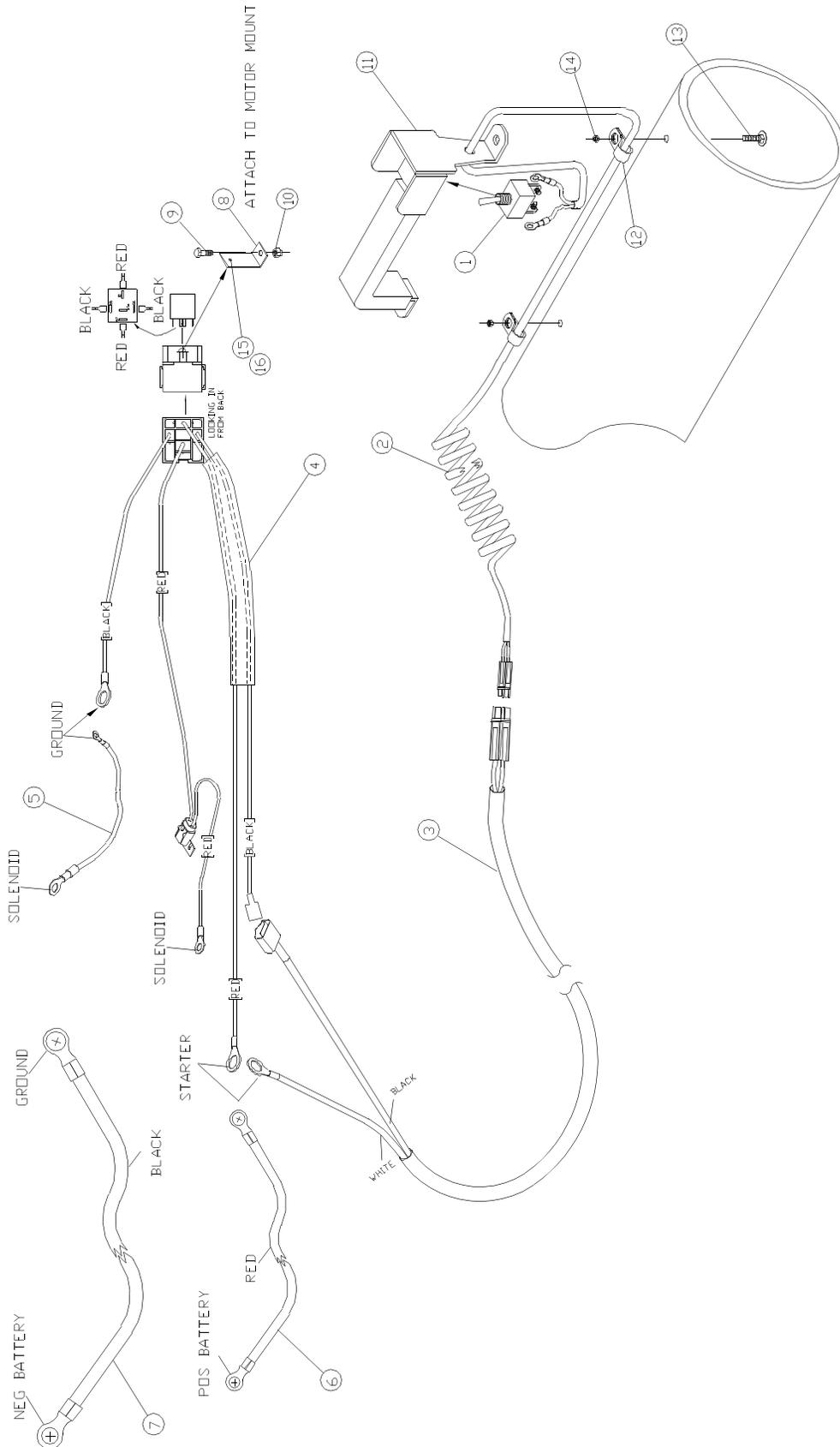
THIS IS THE WRONG WAY!



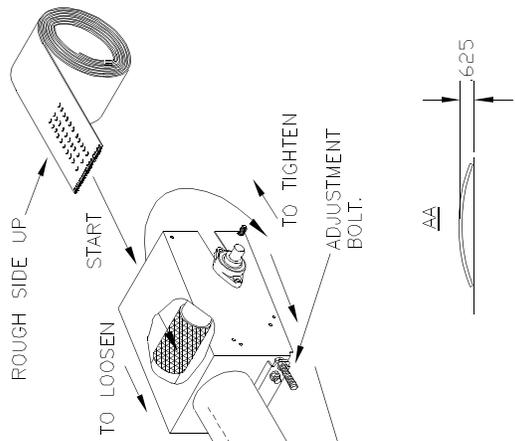
Wiring Diagram For Electric Units



Wiring Diagram For Gas Units (without remote)

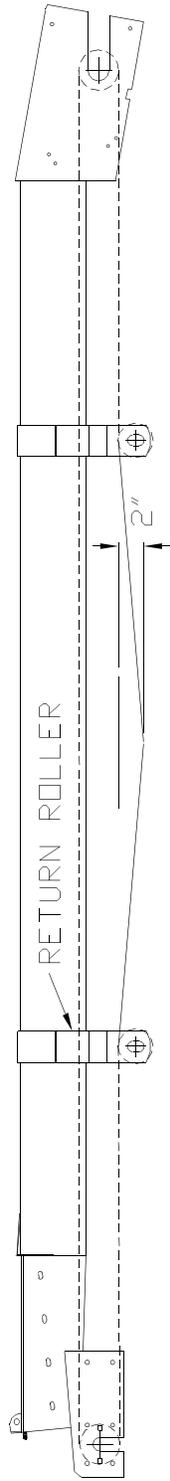


Belt Assembly



BELT TIGHTENING INSTRUCTIONS

Belt should be tightened before you train the belt. Tightening the belt is done on the head roller by tightening the take up bars evenly. Belt is tight when applying 25 lbs. of force, centered between the return rollers, there is no more than 2 inches of deflection.

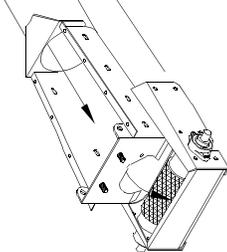


BELT ASSEMBLY INSTRUCTIONS

At the start point, see view of head and tail assembly. Drop belt over the top of head roller and gravity feed belt down the tender tube to the bottom. Guide the belt over the top of the tail roller. Make sure rough side is UP and the smooth side is DOWN against the inside of wall of the tube.

Route both ends around head and tail rollers and over all return idlers mounted under the tube. Slide belt forward or back through tube so the ends of the belt meet at a convenient location between return idlers to facilitate joining.

Align and interlace belt and clipper lacings. Slip splice pin (Plastic covered cable) through clipper lacings to secure.



Pre-Operation Check List

1. Check all bearings for proper lubrication.
2. Check the tube for foreign material.
3. Check belt for proper tension.
4. Start unit and check tender belt alignment while unit is empty.

BELT CARE

It is suggested that the unit be run every two to three days or more often if possible. This tends to keep the belt alive and stops any forming of the belt to the curvature of the tube while the unit is not in use.

NOTE: Belt may deteriorate if not in use and exposed to weather conditions for any prolonged period of time.

Operation Sequence

1. Check drive chain for proper tension.
2. Make sure tender belt is properly tensioned.
3. Allow unit to run empty for a few minutes to flex tender belt.
4. Check tender belt for proper alignment.
5. Before shutting power off, be certain head and tail unit is empty.

STORAGE

Temporary Storage

1. Relieve tension on tender belt.
2. Store all belt equipment in a dry place. If equipment cannot be stored out of the weather, cover engine and mechanical parts with waterproof material.

Prolonged Storage

1. Remove all belts and store in a cool, dark, dry place.
2. Wash tender belt thoroughly.
3. Wash tender tube both inside and out.
4. Lubricate all bearings.
5. Store in a dry shelter.

Maintenance

Preventive maintenance is the key to the long life of any mechanical device.

Careful and systematic inspection of the Seed Tender will result in maximum, trouble-free service.

BELT REPLACEMENT

To replace the belt, cut it into and hand rotate the head roller until belt has been removed. Install appropriate belt as outlined in assembly instructions.

HEAD ASSEMBLY TAKE-UP

After extended use, the tender belt may stretch to the point that there is not sufficient take-up in the head assembly to tighten it. Obtain additional take-up by cutting a 6" to 8" section from the belt. A new splice lacing may be ordered from your CrustBuster/Speed King distributor or from the factory.

PERIODIC CLEAN-OUT

Due to the characteristics of certain materials, residue sometimes collects between the tender belt and the tube. Check the unit periodically for any material build up in this area. If residue appears excessive, remove the tender belt and thoroughly wash the belt and tube. Allow belt and tube to dry before reinstalling the belt.

When the tender is not being used, secure belt to the tube to prevent belt from flopping in the wind, possibly breaking return idlers or ripping belt.

LUBRICATION

All bearings which are fitted with grease zerks should be lubricated at the conclusion of each operating day. Before greasing the bearings, make certain the zerks are free of dirt, otherwise this will be passed into the bearing race. If the unit will be out of service for a period of time, purge the bearings.

BELT TRAINING PROCEDURE

A tender belt correctly installed and trained will run straight and true. The belt must run centered on all terminal rollers, take-up rollers, and return idlers throughout the entire belt length.

Incorrect installation and training can result in severe edge damage, material spillage, material leakage through the skirt rubber at the loading point, and excessive power demands. Material spillage is the usual reason for belt carcass ruptures and pulley cover gouging and stripping, while leakage at the skirt rubber results in excessive conveyor cover wear under the skirts.

Maintenance - (cont'd)

ALIGNMENT

All rotating parts -head roller, tail roller, and return idlers- must be at a 90 degree angle to the direction of belt travel, must be level, and the midpoint of each centered on a line when properly aligned.

Alignment is checked by running a tight wire from the center of head roller to center of the tail roller. Level all rotating parts. If a part is not level, the belt will run to the lower side.

BELT SPLICING

A belt must not run out at the splice area. Runout will occur if the belt is not cut square or splice is not installed square.

Operation

1. Prior to the start-up, check to see that belt is free from any objects that would bind or tear.
2. On starting for the first time, with no load on belt, apply power for a few seconds only to see that the tender belt is well centered in the tube and on the return.
3. It should be noted at this time that too much tension on the tender belt will make adjustment or training much more difficult, shorten the life of the belt, and waste power. The belt should be tensioned tight enough so the drive roller does not slip. The belt is tight when applying 25 pounds of force, centered between the return rollers, there is no more than 2 inches of deflection.

BELT TRAINING

It is essential that the tender belt be properly trained at all times. For this reason, all rotating parts should always be at right angles to the tender belt.

Slight adjustment of roller shafts may be required to keep belts centered on them i.e., if the belt runs to one side of the roller - apply more tension to this side of the belt by advancing the roller shaft on this side. This can be done on the head section as long as adjustment bolt does not vary more than 1/4". If it does, and belt will still not center on both rollers, the tail section is probably out of square.

To square tail section roller, even out the head roller until adjustment bolts are equal. On tail section, loosen bearing bolts on opposite side the belt is off. CAUTION: LOOSEN BEARING BOLTS JUST ENOUGH SO IT TAKES A BLOCK OF WOOD AND A SMALL HAMMER TO MOVE THE BEARING. To adjust tail section, 1/32" in most cases, will move the belt. Tail roller bearings only have about a 1/16" to 3/32" movement total. Tighten the bearing, and go to the head section and retrain the belt.

If the belt tends to veer to one side of the return strand, the belt can be centered by "knocking" ahead (in the direction of belt travel) the end of the return idler to which the belt runs. A belt correctly installed will usually train well both empty and loaded, except as noted:

1. One or more rotating parts not in alignment.
2. Belt tensions in some part of system (usually at tail section) are below minimum recommended.
3. Belt not loaded centrally.

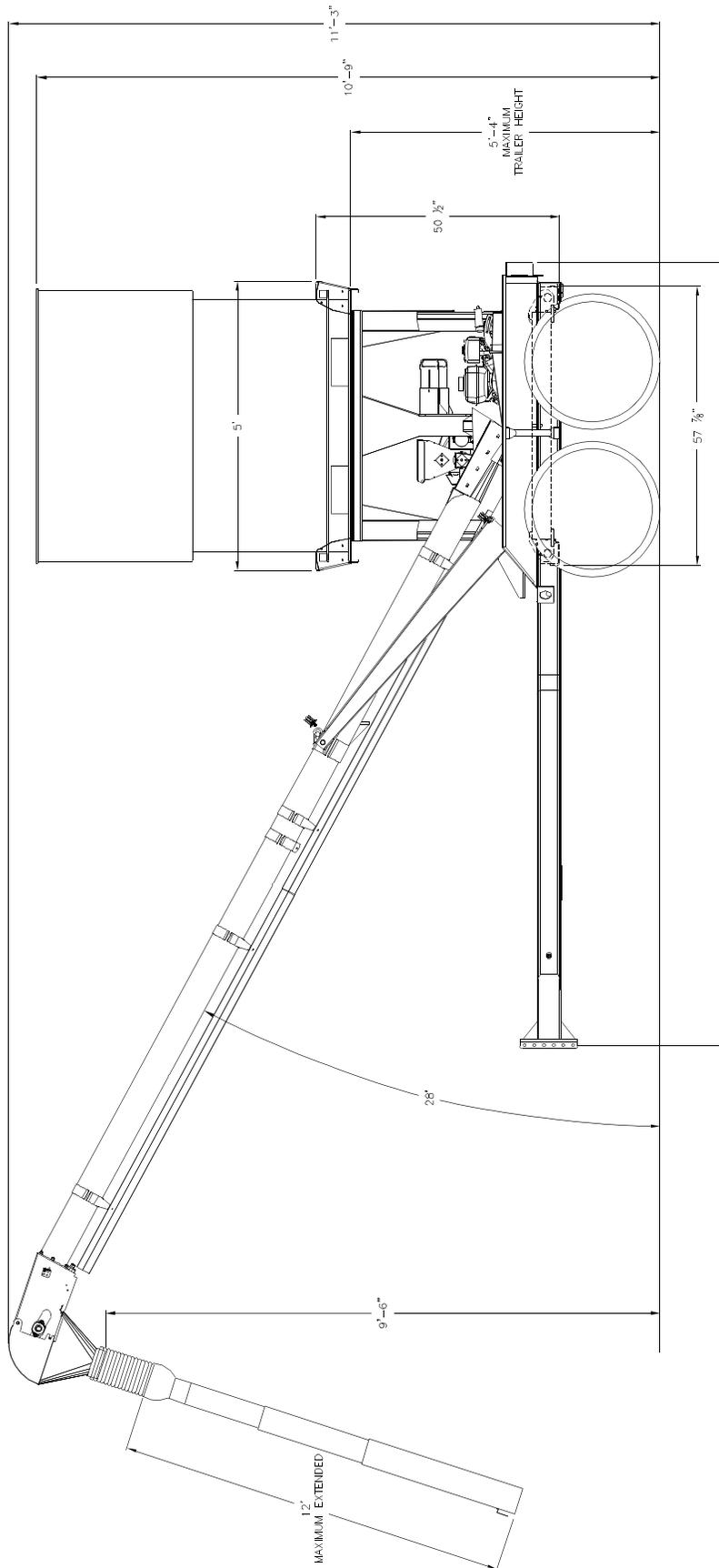
When a belt is initially started, it should be jogged around the system to determine if a major runout occurs which could damage belt and belt edges. If runout occurs at some point of the system, the reason is usually a return idler or roller out of alignment before the runout. Alignment should be rechecked before restarting.

After the belt can be safely run without damage, final training should begin with the head roller. The belt must enter the head roller in the center without movement from side to side. If the belt is not centered on the tail pulley, the return strand of belt should be observed for any section which is not centered on the return idlers. If the belt is not centered at some point, move return idlers starting before this point to correct centering of belt. Movement of idler bracket should be gradual and only 1/16" to 1/8" remembering that the belt will move in the direction that it first contacts the idler. The same corrective action should be taken at the tail roller.

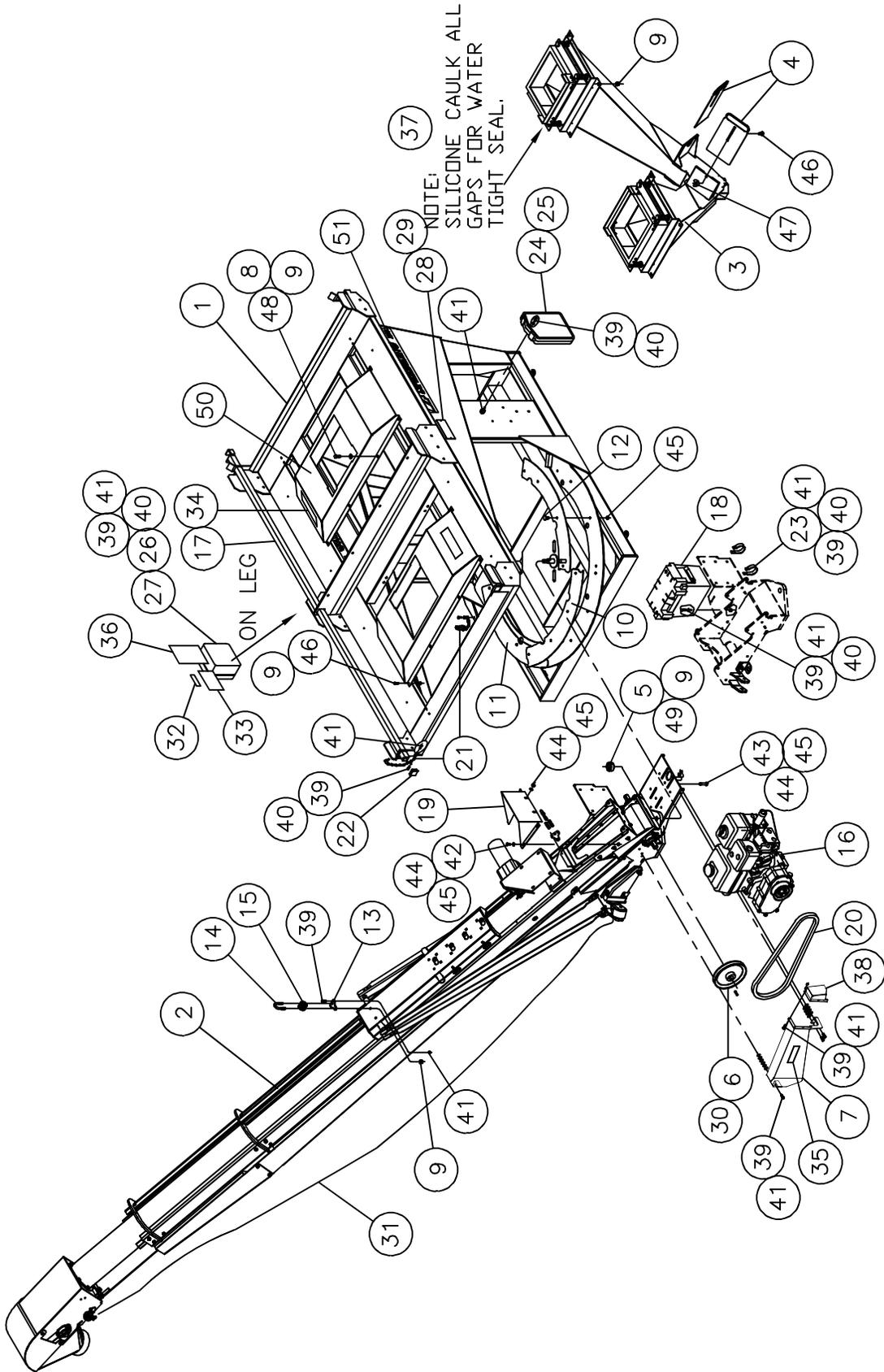
After the belt is trained empty, the belt should be trained with a load. The take-up adjustments are made to prevent belt slip and keep tensions at all points above minimums recommended when belt is operating with a load.

If slip occurs under load, additional belt tension should be adjusting the take-up only enough to prevent slip from occurring under load, and when started with a load.

Seed Box Tote Dimensions



**Seed Box Tote
Stand Assembly -Telescoping Tube
Gas Drive**



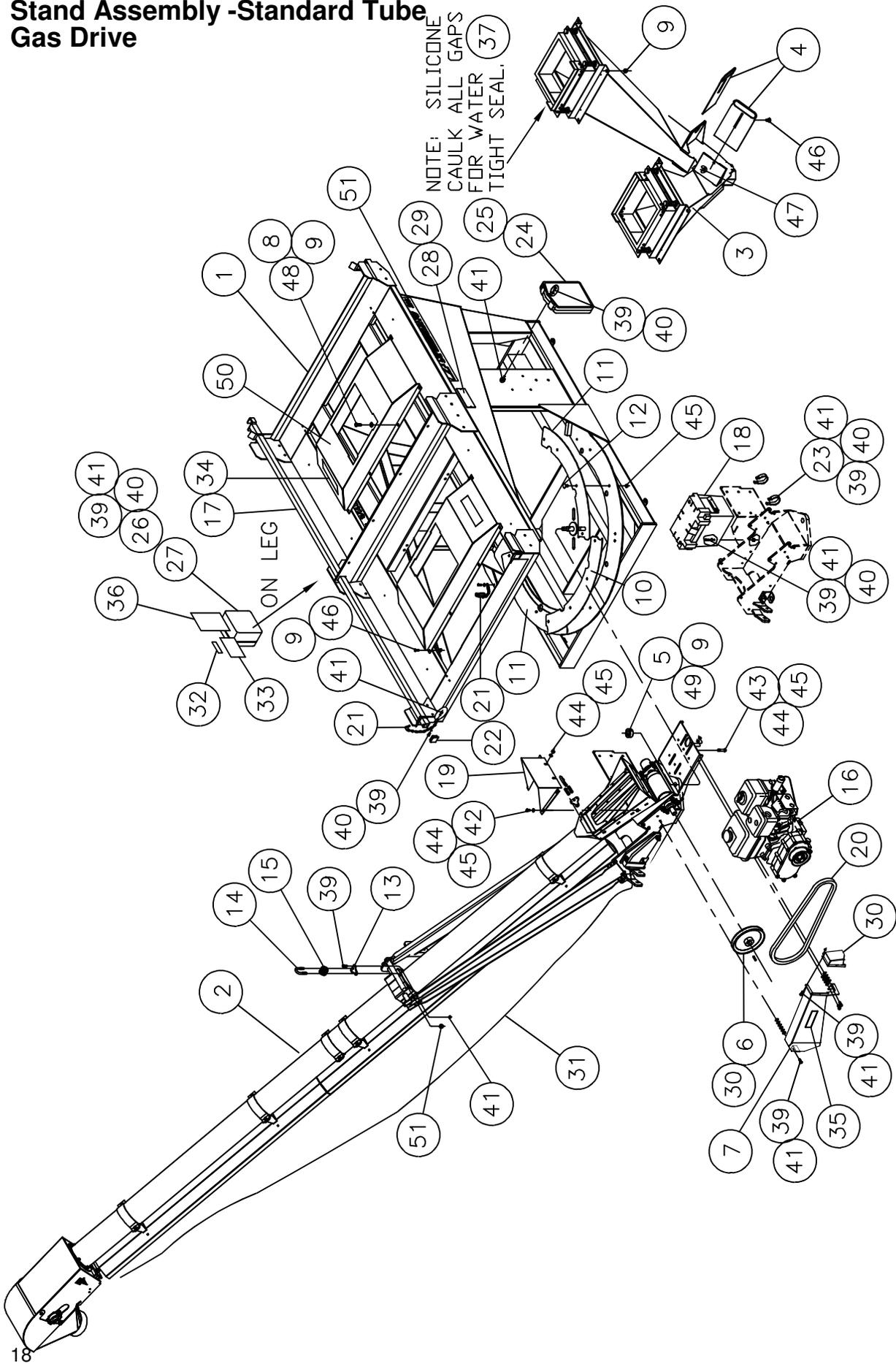
Seed Box Tote Stand Assembly -Telescoping Tube Gas Drive

#63164800

Item	Qty	Part No.	Description	Item	Qty	Part No.	Description
1	1	975326	Tote Stand	26	2	605659	Grommet
2	1	879072	Telescoping Conveyor	27	1	03895000	Remote Fob Box
3	1	878793	Spout Assembly	28	1	00694000	Serial Plate
4	2	241133	Spout Gate	29	2	600577	Serial Plate Drive Screws
5	1	123448	Pivot Lock Collar	30	1	17375700	Key 1/4" x 1"
6	1	04255600	Sheave 1B 8 x 1 w/keyway	31	33'	01467000	Nylon Rope
7	1	975464	Belt Guard	32	1	03439700	Decal Patent #
8	8	330894	Flat Washer 3/8"	33	1	05303300	Decal Cautions
9	21	330837	Nylock 3/8"	34	2	05310800	Decal Debris Center Flow
10	1	276337	Pivot Plate Center	35	1	05312400	Decal Shield Caution
11	2	276329	Pivot Plate Ends	36	1	05326400	Decal Tip-Over Warning
12	12	01047000	Carriage Bolt 5/16" x 1"	37	1/8	00843300	Silicone Caulk
13	2	242529	Insulator Bracket	38	1	976498	Belt Guard Rear
14	2	03651700	Insulator	39	26	01057900	HHCS 1/4" x 3/4"
15	2	01034800	U-bolt 3/8" x 1 1/4" x 2 1/4"	40	15	02016400	Flat Washer 1/4"
16	1	63046700	Engine Assembly	41	26	330522	Nylock 1/4"
17	2	975425	Load Bar	42	4	01144500	HHCS 5/16" x 3/4"
18	1	01429000	Battery Box	43	4	335448	HHCS 5/16" x 1 1/2"
19	1	82099300	Conveyor Hopper	44	10	330852	Flat Washer 5/16"
20	1	474304	V-Belt B-46	45	22	331611	Nylock 5/16"
21	3	434456	Chain #4 x 17 links w/pin	46	10	330548	Carriage Bolt 3/8" x 3/4"
22	2	03818200	Plug 1 1/4" Square	47	2	334847	Wing Nut 3/8"
23	2	608596	Metal Loom Clamp 1/4"	48	8	01017300	HHCS 3/8" x 1"
24	1	607416	Manual Holder	49	1	330886	HHCS 3/8" x 3"
25	1	04175600	Owners Manual	50	2	976902	Spout Assembly Mount

**Seed Box Tote
Stand Assembly -Standard Tube
Gas Drive**

NOTE: SILICONE
CAULK ALL GAPS
FOR WATER
TIGHT SEAL.

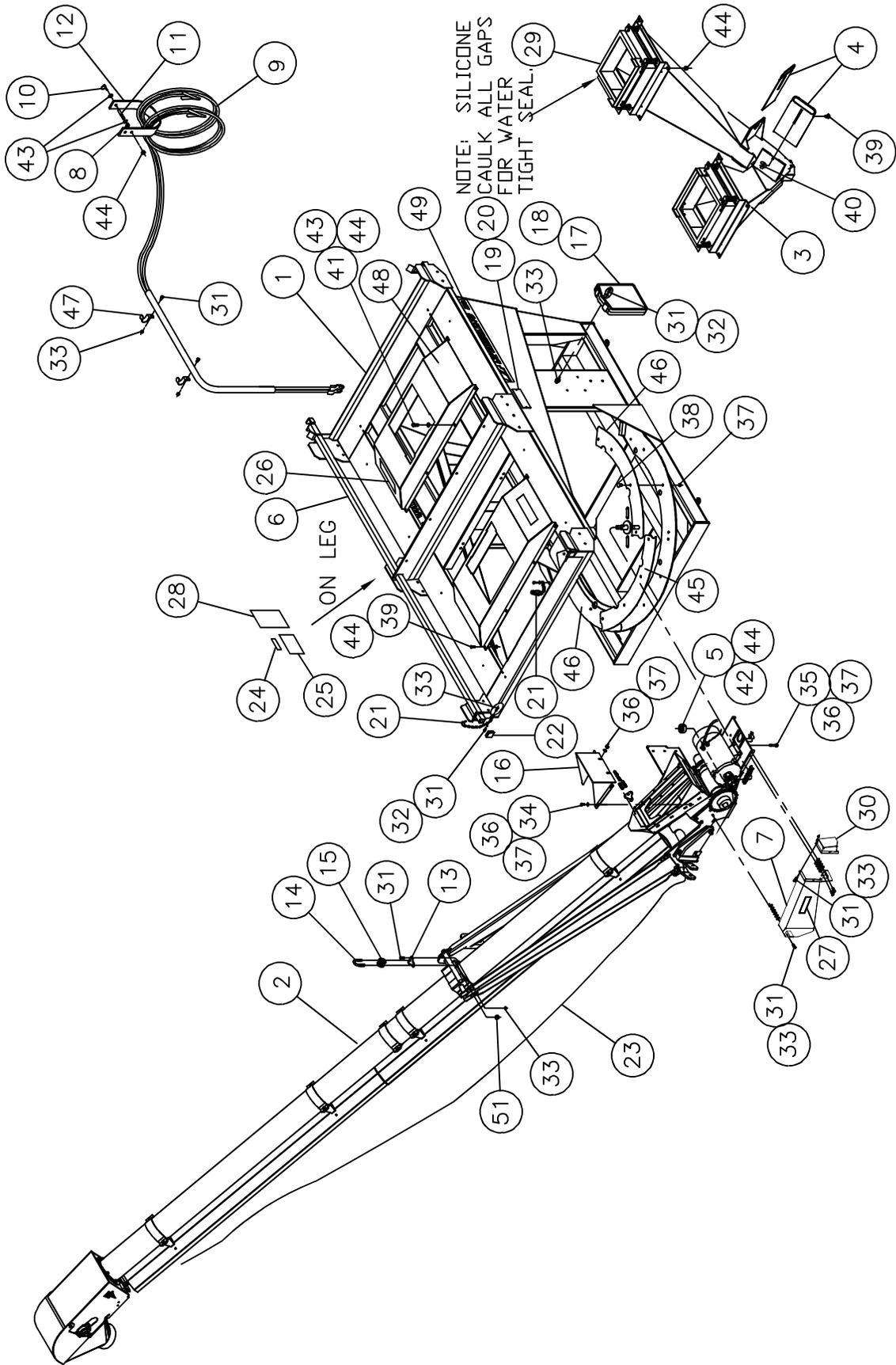


Seed Box Tote Stand Assembly -Standard Tube Gas Drive

#63171300

Item	Qty	Part No.	Description	Item	Qty	Part No.	Description
1	1	975326	Tote Stand	26	2	605659	Grommet
2	1	879106	Conveyor Assembly 6"	27	1	03895000	Remote Fob Box
3	1	878793	Spout Assembly	28	1	00694000	Serial Plate
4	2	241133	Spout Gate	29	2	600577	Serial Plate Drive Screws
5	1	123448	Pivot Lock Collar	30	1	17375700	Key 1/4" x 1"
6	1	04255600	Sheave 1B 8 x 1 w/keyway	31	33'	01467000	Nylon Rope
7	1	975464	Belt Guard	32	1	03439700	Decal Patent #
8	8	330894	Flat Washer 3/8"	33	1	05303300	Decal Cautions
9	21	330837	Nylock 3/8"	34	2	05310800	Decal Debris Center Flow
10	1	276337	Pivot Plate Center	35	1	05312400	Decal Shield Caution
11	2	276329	Pivot Plate Ends	36	1	05326400	Decal Tip-Over Warning
12	12	01047000	Carriage Bolt 5/16" x 1"	37	1/8	00843300	Silicone Caulk
13	2	242529	Insulator Bracket	38	1	976498	Belt Guard Rear
14	2	03651700	Insulator	39	26	01057900	HHCS 1/4" x 3/4"
15	2	01034800	U-bolt 3/8" x 1 1/4" x 2 1/4"	40	15	02016400	Flat Washer 1/4"
16	1	63046700	Engine Assembly	41	26	330522	Nylock 1/4"
17	2	975425	Load Bar	42	4	01144500	HHCS 5/16" x 3/4"
18	1	01429000	Battery Box	43	4	335448	HHCS 5/16" x 1 1/2"
19	1	82099300	Conveyor Hopper	44	10	330852	Flat Washer 5/16"
20	1	474304	V-Belt B-46	45	22	331611	Nylock 5/16"
21	3	434456	Chain #4 x 17 links w/pin	46	10	330548	Carriage Bolt 3/8" x 3/4"
22	2	03818200	Plug 1 1/4" Square	47	2	334847	Wing Nut 3/8"
23	2	608596	Metal Loom Clamp 1/4"	48	8	01017300	HHCS 3/8" x 1"
24	1	607416	Manual Holder	49	1	330886	HHCS 3/8" x 3"
25	1	04175600	Owners Manual	50	2	976902	Spout Assembly Mount

**Seed Box Tote
Stand Assembly -Standard Tube
Electric Drive**

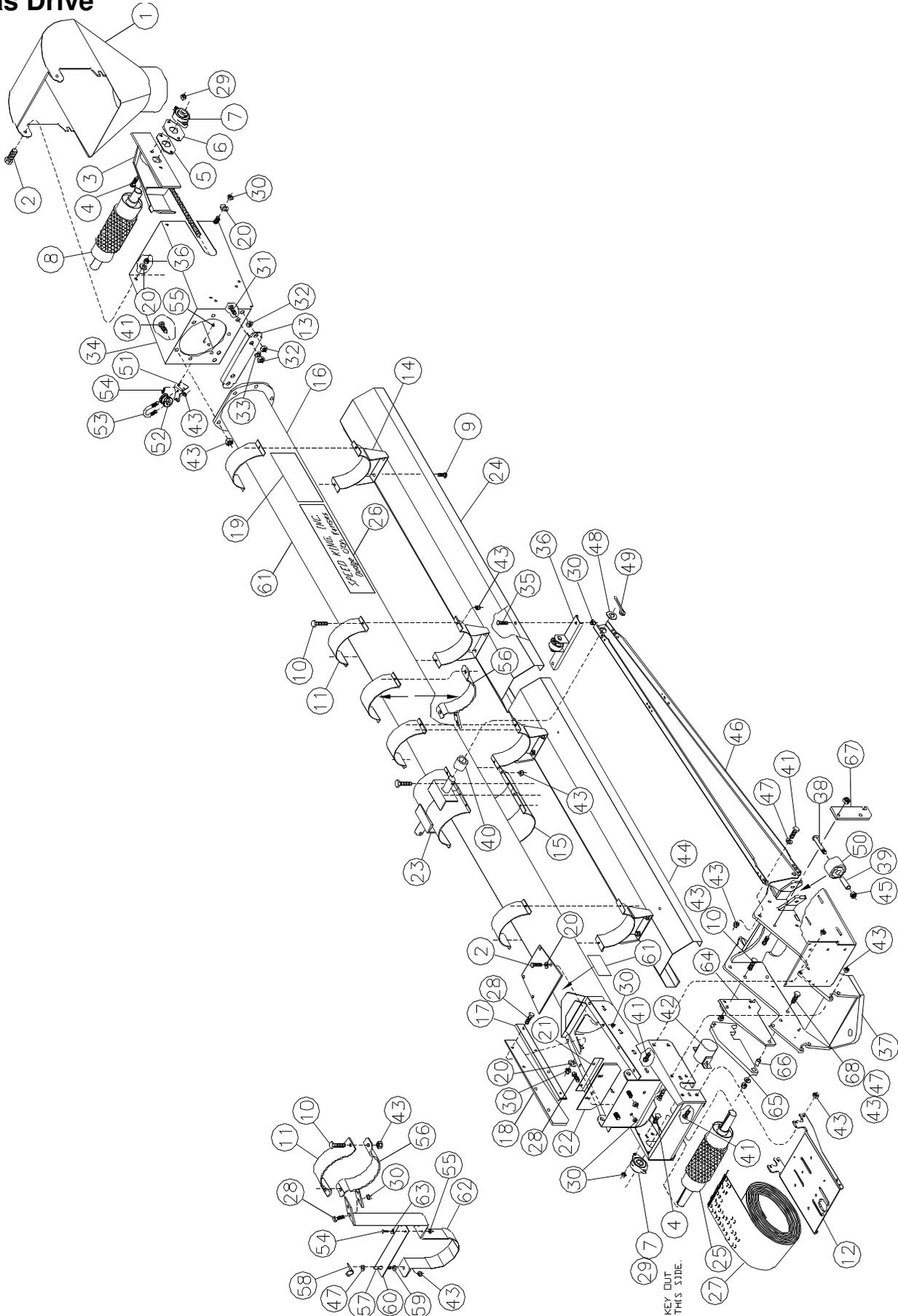


Seed Box Tote Stand Assembly -Standard Tube Electric Drive

#879643

Item	Qty	Part No.	Description	Item	Qty	Part No.	Description
1	1	975326	Tote Stand	25	1	05303300	Decal Cautions
2	1	879635	Conveyor 6" Electric	26	2	05310800	Decal Debris Center Flow
3	1	878793	Spout Assembly	27	1	05312400	Decal Shield Caution
4	2	241133	Spout Gate	28	1	05326400	Decal Tip-Over Warning
5	1	123448	Pivot Lock Collar	29	1/8	00843300	Silicone Caulk
6	2	975425	Load Bar	30	2	333633	HHCS 1/4" x 1 1/4"
7	1	976464	Belt Guard	31	20	01057900	HHCS 1/4" x 3/4"
8	1	330035	Hex Nut 3/8"	32	7	02016400	Flat Washer 1/4"
9	1	62629100	Battery Cable Assembly	33	20	330522	Nylock 1/4"
10	1	330928	Klik Pin 3/16"	34	4	01144500	HHCS 5/16" x 3/4"
11	1	16864100	Pin 3/8" x 2 1/2"	35	4	335448	HHCS 5/16" x 1 1/2"
12	1	16865800	Cable Strap	36	10	330852	Flat Washer 5/16"
13	2	242529	Insulator Bracket	37	22	331611	Nylock 5/16"
14	2	03651700	Insulator	38	12	01047000	Carriage Bolt 5/16" x 1"
15	2	01034800	U-bolt 3/8" x 1 1/4" x 2 1/4"	39	10	330548	Carriage Bolt 3/8" x 3/4"
16	1	82099300	Conveyor Hopper	40	2	334847	Wing Nut 3/8"
17	1	607416	Manual Holder	41	8	01017300	HHCS 3/8" x 1"
18	1	04175600	Owners Manual	42	1	330886	HHCS 3/8" x 3"
19	1	00694000	Serial Plate	43	10	330894	Flat Washer 3/8"
20	2	600577	Serial Plate Drive Screws	44	22	330837	Nylock 3/8"
21	3	434456	Chain #4 x 17 links w/pin	45	1	276337	Pivot Plate Center
22	2	03818200	Plug 1 1/4" Square	46	2	276329	Pivot Plate Ends
23	33'	01467000	Nylon Rope	47	2	03102100	Conduit Strap 1"
24	1	03439700	Decal Patent #	48	2	976902	Spout Assembly Mount

Seed Box Tote Standard Tube Gas Drive

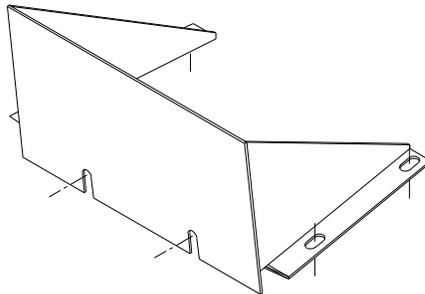


Seed Box Tote Standard Tube Gas Drive

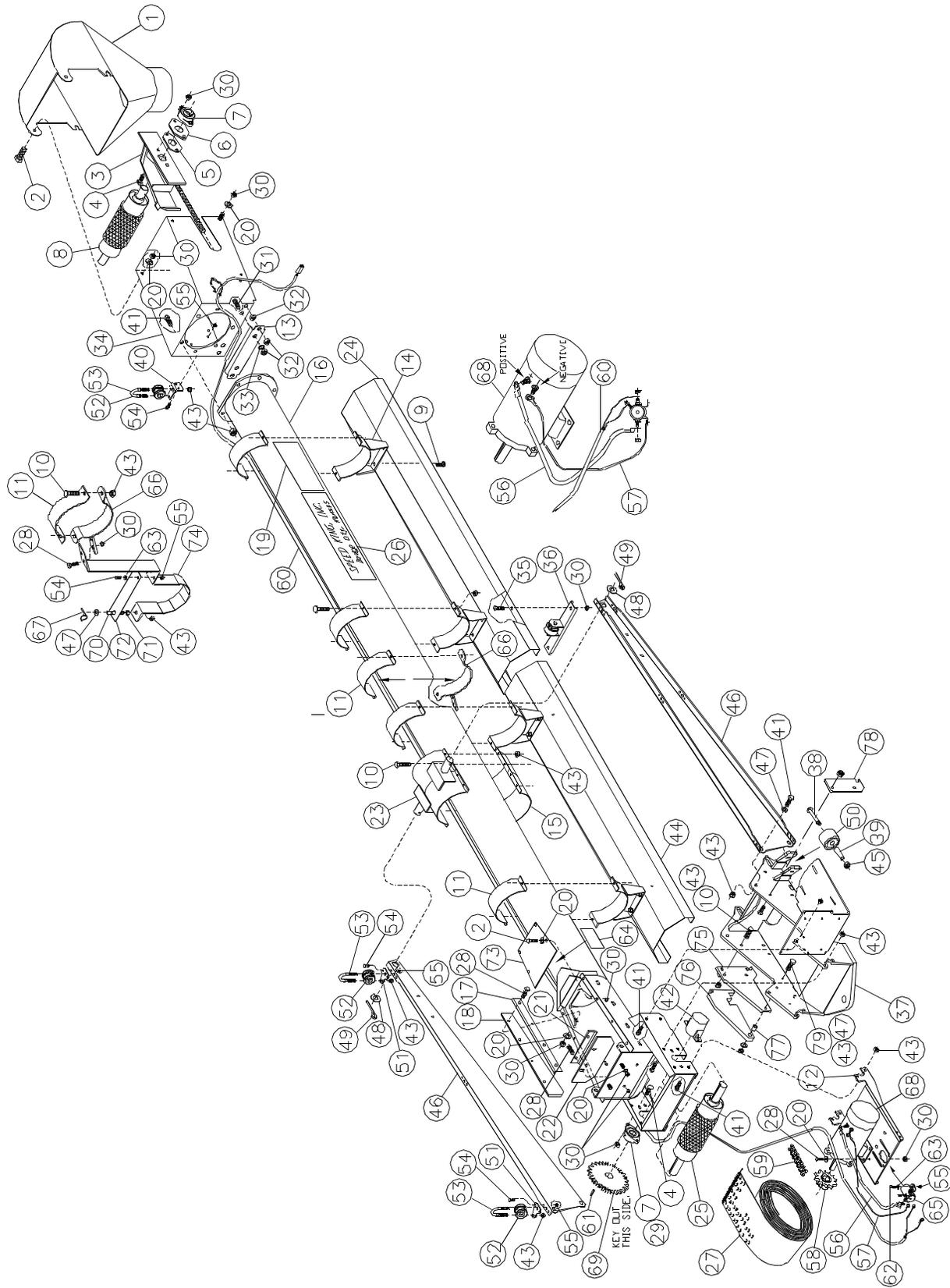
#879106

Item	Qty	Part No.	Description	Item	Qty	Part No.	Description
1	1	81842700	Spout	35	2	333542	HHCS 5/16" x 5/8"
2	6	01144500	HHCS 5/16" x 3/4"	36	1	62751300	Roller Base
3	1	961714	Take-up Bar Right	37	1	975342	Feed Tube Mount
	1	961565	Take-up Bar Left	38	2	333310	Carriage Bolt 1/2" x 3 1/2"
4	8	01261700	Carriage Bolt 5/16" x 1 1/2"	39	2	30131700	Roller Bushing 2 1/16"
5	2	151746	Head Bearing Slide Inner	40	2	157206	Spacer Bushing
6	2	151753	Head Bearing Slide Outer	41	22	01017300	HHCS 3/8" x 1"
7	4	03001500	Bearing 1" Flange	42	1	82502600	Shaft End Guard
8	1	62212600	Head Roller	43	48	330837	Nylock 3/8"
9	8	334409	Carriage Bolt 5/16" x 3/4"	44	1	20531000	Belt Guard Plate
10	29	01158500	HHCS 3/8" x 1 1/4"	45	2	331363	Nylock 1/2"
11	5	16577910	Half Band 6 x 2	46	2	31143100	Side Support Plate
12	1	241752	Motor Mount Plate	47	7	330894	Flat Washer 3/8"
13	1	16497000	Adjustment Mount Plate	48	2	330159	Flat Washer 1/2"
14	4	82489600	Belt Cover Mount	49	2	02054500	Cotter Pin 1/4" x 2"
15	2	16578710	Half Band 6 x 4	50	2	60967700	Outside Roller
16	1	82421900	Tail	51	1	243642	Insulator Mount Plate
17	2	16427700	Skirt Board Plate	52	1	03651700	Insulator
18	2	16431900	Skirt Board Back	53	1	01034800	U-bolt 3/8" x 1 1/4" x 2 1/4"
19	1	606335	Decal Belt Training	54	4	01057900	HHCS 1/4" x 3/4"
20	16	330852	Flat Washer 5/16"	55	2	330522	Nylock 1/4"
21	1	16428500	Skirt Board Plate	56	1	81865800	Half Band Guard
22	1	16432700	Skirt Board Back	57	1	16864100	Spout Pin Shaft
23	1	976829	Tube Transport Lock	58	1	330928	Klik Pin 3/16"
24	1	20489100	Belt Guard	59	1	330035	Hex Nut 3/8"
25	1	62705900	Tail Roller	60	1	614321	Spout Strap
26	2	01202100	Decal "Speed King"	61	1	05328000	Decal "Safety Hazard"
27	1	62850300	Belt 8" x 35'-7 7/8"	62	1	244368	Flexible Spout Hanger
28	10	01010800	HHCS 5/16" x 1"	63	4	02016400	Flat Washer 1/4"
29	2	01162700	Zerk 1/4-28 x 45 Deg	64	1	82972100	Stop
30	37	331611	Nylock 5/16"	65	1	31142300	Detent Arm
31	2	335240	HHCS 1/2" x 1 3/4"	66	1	31141500	Stop Bushing
32	6	330134	Hex Nut 1/2"	67	1	31138100	Side Plate Stop
33	2	330142	Lock Washer 1/2"	68	1	335877	HhCS 3/8" x 1 3/4"
34	1	82353400	Head Frame				

#82099300 - Hopper



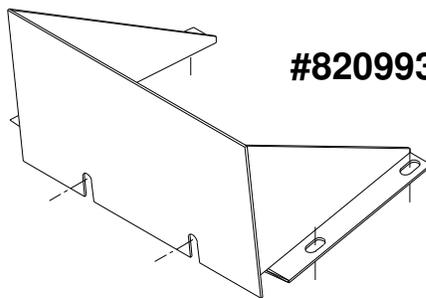
Seed Box Tote Standard Tube Electric Drive



Seed Box Tote Standard Tube Electric Drive

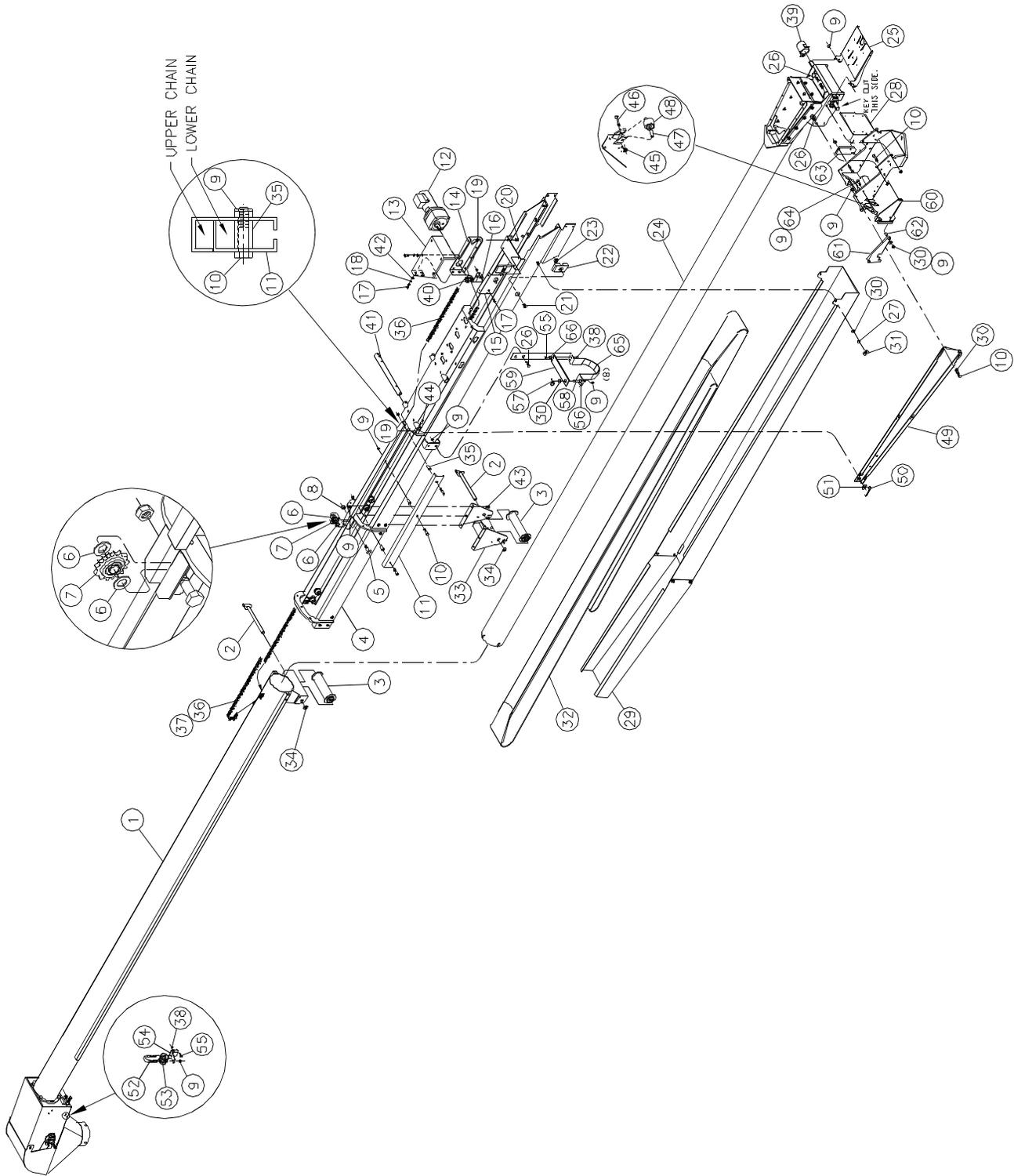
#879635

Item	Qty	Part No.	Description	Item	Qty	Part No.	Description
1	1	81842700	Spout	40	1	243642	Insulator Mount Plate
2	6	01144500	HHCS 5/16" x 3/4"	41	26	01017300	HHCS 3/8" x 1"
3	1	961714	Take-up Bar Right	42	1	82502600	Shaft End Guard
	1	961565	Take-up Bar Left	43	61	330837	Nylock 3/8"
4	8	01261700	Carriage Bolt 5/16" x 1 1/2"	44	1	20531000	Belt Guard Plate
5	2	151746	Head Bearing Slide Inner	45	2	331363	Nylock 1/2"
6	2	151753	Head Bearing Slide Outer	46	2	31143100	Side Support Plate
7	4	03001500	Bearing 1" Flange	47	7	330894	Flat Washer 3/8"
8	1	62212600	Head Roller	48	2	335786	Flat Washer 1/2" SAE
9	8	334409	Carriage Bolt 5/16" x 3/4"	49	2	02054500	Cotter Pin 1/4" x 2"
10	22	01158500	HHCS 3/8" x 1 1/4"	50	2	60967700	Outside Roller
11	5	16577910	Half Band 6 x 2	51	2	242529	Insulator Mount Plate
12	1	241752	Motor Mount Plate	52	3	03651700	Insulator
13	1	16497000	Adjustment Mount Plate	53	3	01034800	U-bolt 3/8" x 1 1/4" x 2 1/4"
14	4	82489600	Belt Cover Mount	54	6	01057900	HHCS 1/4" x 3/4"
15	2	16578710	Half Band 6 x 4	55	8	330522	Nylock 1/4"
16	1	82421900	Tail	56	1	62377700	Positive Connector Cable
17	2	16427700	Skirt Board Plate	57	1	62378500	Ground Wire
18	2	16431900	Skirt Board Back	58	1	03722600	Sprocket #40 11 Tooth
19	1	606335	Decal Belt Training	59	1	63196000	Chain #40 x 66 Links
20	23	330852	Flat Washer 5/16"	60	1	62379300	Tube Cable
21	1	16428500	Skirt Board Plate	61	1	17375700	Key 1/4" x 1"
22	1	16432700	Skirt Board Back	62	2	331835	HHCS 1/4" x 1"
23	1	976829	Tube Transport Lock	63	2	02016400	Flat Washer 1/4"
24	1	20489100	Belt Guard	64	1	05328000	Decal "Safety Hazard"
25	1	62705900	Tail Roller	65	1	03251600	Solenoid Switch
26	2	01202100	Decal "Speed King"	66	1	81865800	Half Band Guard
27	1	62850300	Belt 8" x 35'-7 7/8"	67	1	330928	Klik Pin 3/16"
28	15	01010800	HHCS 5/16" x 1"	68	1	03648300	Electric Motor 12V 1HP
29	2	01162700	Zerk 1/4-28 x 45 Deg	69	1	84723600	Sprocket #40 36 Tooth
30	36	331611	Nylock 5/16"	70	1	16864100	Spout Pin Shaft
31	2	335240	HHCS 1/2" x 1 3/4"	71	1	330035	Hex Nut 3/8"
32	6	330134	Hex Nut 1/2"	72	1	614321	Spout Strap
33	2	330142	Lock Washer 1/2"	73	1	614032	Neoprene Cover
34	1	82353400	Head Frame	74	1	244368	Flexible Spout Hanger
35	2	333542	HHCS 5/16" x 5/8"	75	1	82972100	Stop
36	1	62751300	Roller Base	76	1	31142300	Detent Arm
37	1	975342	Feed Tube Mount	77	1	31141500	Stop Plate Bushing
38	2	333310	Carriage Bolt 1/2" x 3 1/2"	78	1	31138100	Stop Plate
39	2	30131700	Roller Bushing 2 1/16"	79	1	335729	HHCS 3/8" x 2 1/4"



#82099300 - Hopper

Seed Box Tote Telescoping Tube Gas Drive



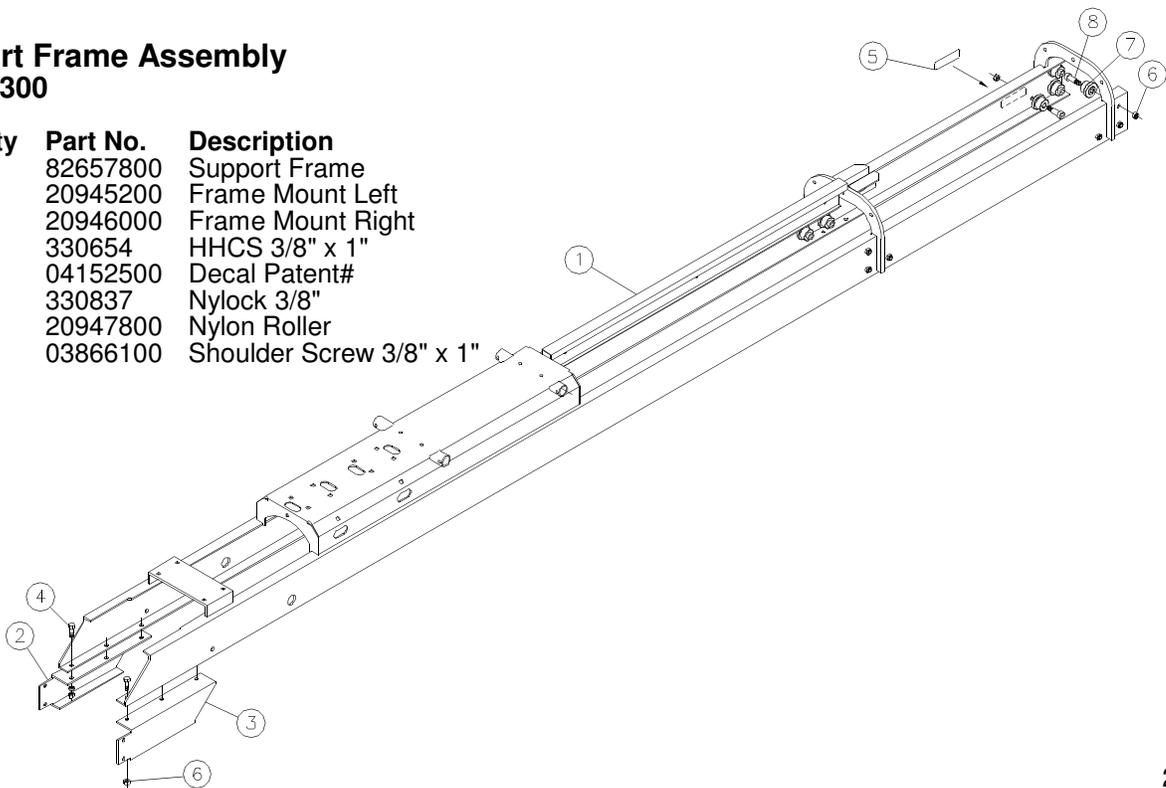
Seed Box Tote Telescoping Tube Gas Drive

#879072

Item	Qty	Part No.	Description	Item	Qty	Part No.	Description
1	1	62884200	Top Tube	34	2	03869500	Retaining Ring 5/8" Self-Locking
2	2	82638800	Roller Shaft	35	3	20863700	Chain Guard Bushing
3	2	62891700	S-wrap Roller	36	1	709501	Chain #40 x Ft -397 links
4	1	62925300	Support Frame	37	2	434084	Chain Connector #40
5	1	01071000	HHCS 5/8" x 2"	38	4	330522	Nylock 1/4"
6	2	330720	Machine Bushing 5/8" x 1 1/8" x 14ga	39	1	82502600	Shaft End Guard
7	1	430603	Sprocket #40 17 Tooth	40	1	434225	Sprocket #40 10 tooth
8	1	01572700	Nylock 5/8"	41	1	313718	Shaft 1" x 11 7/8"
9	30	330837	Nylock 3/8"	42	6	330852	Flat Washer 5/16"
10	8	335729	HHCS 3/8" x 2 1/4"	43	6	330654	Carriage Bolt 3/8" x 1"
11	1	20982500	Chain Guard	44	2	01152800	HHCS 5/16" x 1 3/4"
12	1	03881000	Motor 12 volt	45	2	333310	Carriage Bolt 1/2" x 3 1/2"
13	1	972026	Cover	46	2	331363	Nylock 1/2"
14	1	971994	Motor Mount Right	47	2	30131700	Roller Bushing
15	1	972034	Motor Mount Left	48	2	60967700	Roller Assembly
16	1	234641	Prox Switch Mount	49	2	31143100	Side Support Plate
17	8	01144500	HHCS 5/16" x 3/4"	50	2	334037	Cotter Pin 1/4" x 2 1/2"
18	8	330845	Lock Washer 5/16"	51	2	330407	Flat Washer 1"
19	6	331611	Nylock 5/16"	52	1	01034800	U-bolt 3/8" x 1 1/4 x 2 1/4
20	4	334409	Carriage Bolt 5/16" x 3/4"	53	1	03651700	Insulator
21	2	03871100	Screw 1/2" x 3/4" Flat Socket	54	1	243642	Insulator Mount Plate
22	2	20972600	Nylon Guide	55	4	01057900	HHCS 1/4" x 3/4"
23	2	332197	Square Nut 1/2"	56	1	330035	Hex Nut 3/8"
24	1	62892500	Bottom Tube	57	1	330928	Klik Pin 3/16"
25	1	241752	Motor Mount Plate	58	1	16864100	Spout Pin Shaft
26	12	01017300	HHCS 3/8" x 1"	59	1	614321	Spout Strap
27	14	330043	Lock Washer 3/8"	60	1	82972100	Stop
28	1	975342	Feed Tube Mount	61	1	31142300	Detent Arm
29	1	62890900	Wind Guard	62	1	31141500	Bushing
30	7	330894	Flat Washer 3/8"	63	1	31138100	Side Stop
31	2	334847	Wing Nut 3/8"	64	4	01158500	HHCS 3/8" x 1 1/4"
32	1	62896600	Belt 110 Crescent 8" x 47'-8 3/8"	65	1	244384	Flexible Spout Hanger
33	1	62886700	Upper Roller Bracket	66	2	02016400	Flat Washer 1/4"

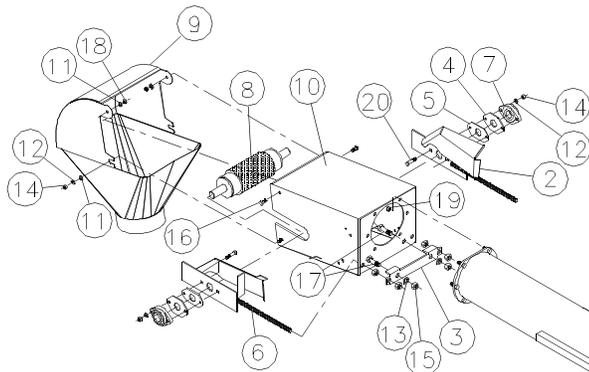
Support Frame Assembly #62925300

Item	Qty	Part No.	Description
1	1	82657800	Support Frame
2	1	20945200	Frame Mount Left
3	1	20946000	Frame Mount Right
4	6	330654	HHCS 3/8" x 1"
5	1	04152500	Decal Patent#
6	18	330837	Nylock 3/8"
7	12	20947800	Nylon Roller
8	12	03866100	Shoulder Screw 3/8" x 1"



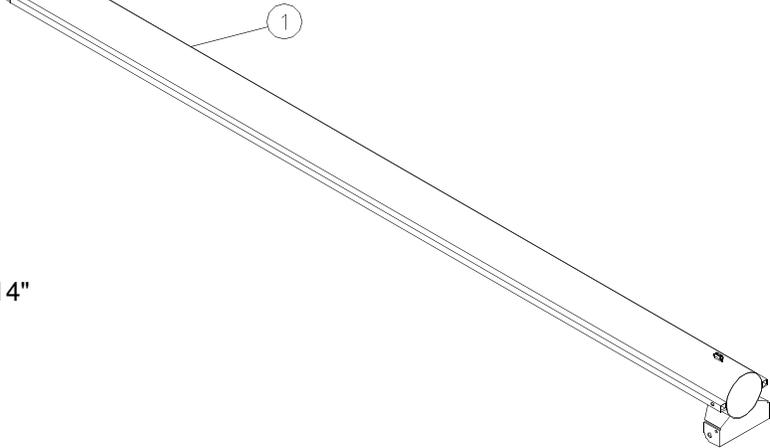
Seed Box Tote Telescoping Tube

Top Tube Assembly #62884200



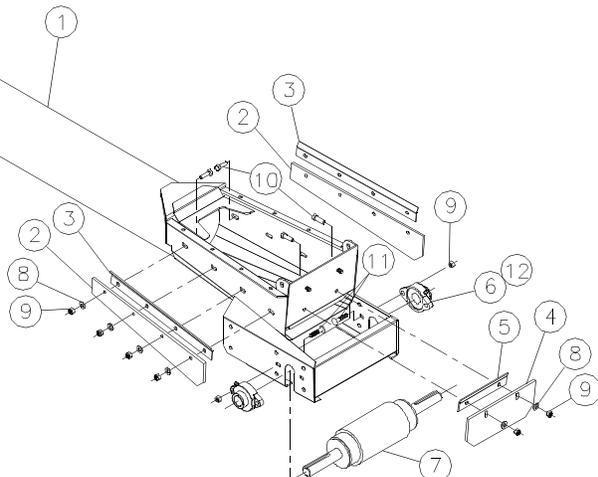
Item	Qty	Part No.	Description
12	6	330845	Lock Washer 5/16"
13	2	330142	Lock Washer 1/2"
14	6	330811	Hex Nut 5/16"
15	6	330134	Hex Nut 1/2"
16	2	01144500	HHCS 5/16" x 3/4"
17	2	335240	HHCS 1/2" x 1 3/4"
18	2	331611	Nylock 5/16"
19	6	330837	Nylock 3/8"
20	4	335448	HHCS 5/16" x 1 1/2"

Item	Qty	Part No.	Description
1	1	82616400	Upper Tube
2	1	961714	Take-up Bar Right
3	1	16497000	Take-up Bracket
4	2	151753	Bearing Slide Outer
5	2	1517446	Bearing Slide Inner
6	1	961565	Take-up Bar Left
7	2	03001500	Bearing 1" Flange
8	1	62212600	Lagged Roller 3" x 14"
9	1	81842700	Spout
10	1	82353400	Head Frame
11	4	330852	Flat Washer 5/16"

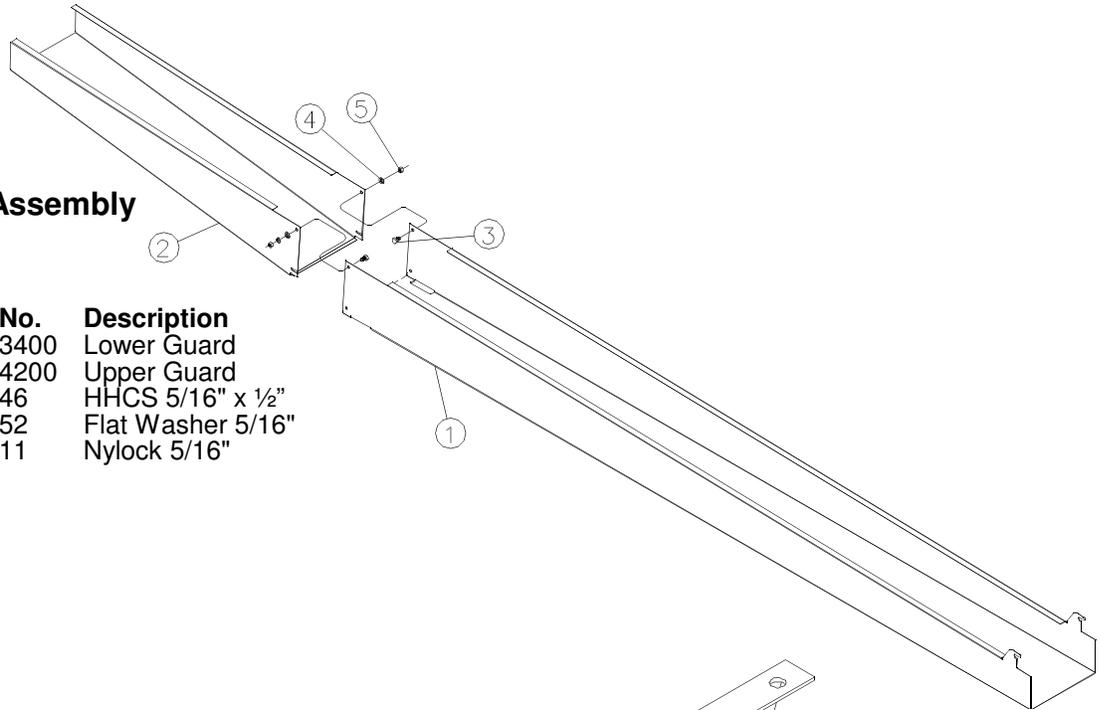


Lower Tube Assembly #62892500

Item	Qty	Part No.	Description
1	1	82640400	Lower Tube
2	2	16431900	Skirtboard
3	2	16427700	Skirtboard Back Plate
4	1	16432700	Skirtboard
5	1	16428500	Skirtboard Back Plate
6	2	03001500	Bearing 1" Flange
7	1	62705900	Lagged Roller 3" x 16 3/4"
8	10	330852	Flat Washer 5/16"
9	14	331611	Nylock 5/16"
10	10	01010800	HHCS 5/16" x 1 1/2"
11	4	01261700	Carriage Bolt 5/16" x 1 1/2"
12	2	01162700	Zerk 1/4-28 x 45 deg



Seed Box Tote Telescoping Tube

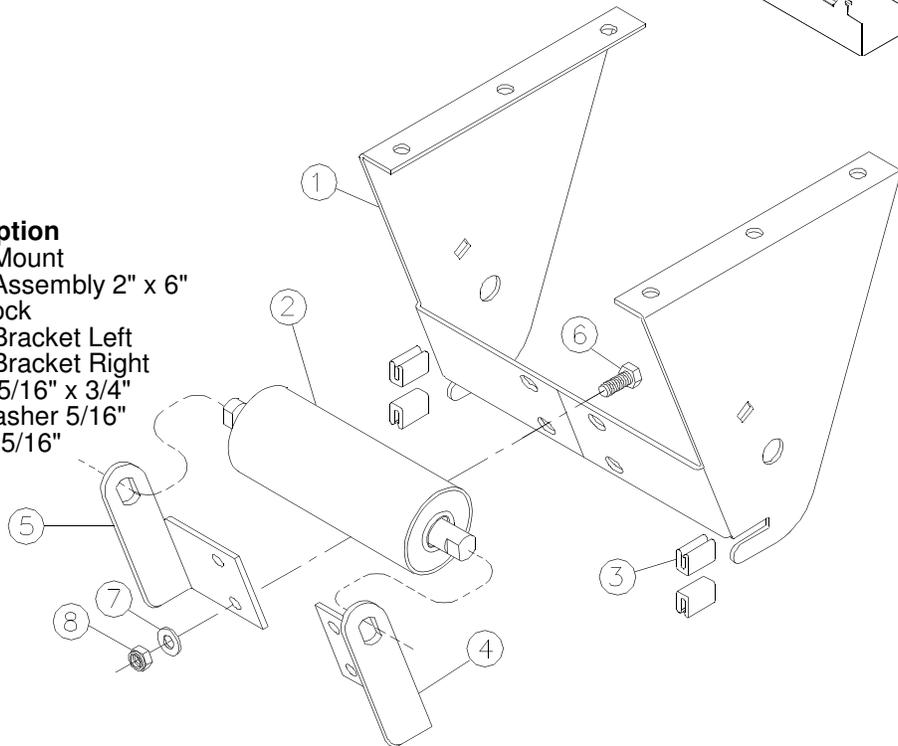


Wind Guard Assembly #62890900

Item	Qty	Part No.	Description
1	1	20973400	Lower Guard
2	1	20974200	Upper Guard
3	4	331546	HHCS 5/16" x 1/2"
4	4	330852	Flat Washer 5/16"
5	4	331611	Nylock 5/16"

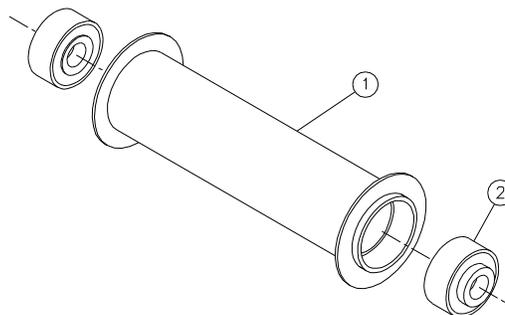
Upper Roller Bracket #62886700

Item	Qty	Part No.	Description
1	1	82633900	Roller Mount
2	1	60190600	Roller Assembly 2" x 6"
3	4	20956900	Trim Lock
4	1	20953600	Roller Bracket Left
5	1	20959300	Roller Bracket Right
6	4	01144500	HHCS 5/16" x 3/4"
7	4	330852	Flat Washer 5/16"
8	4	331611	Nylock 5/16"

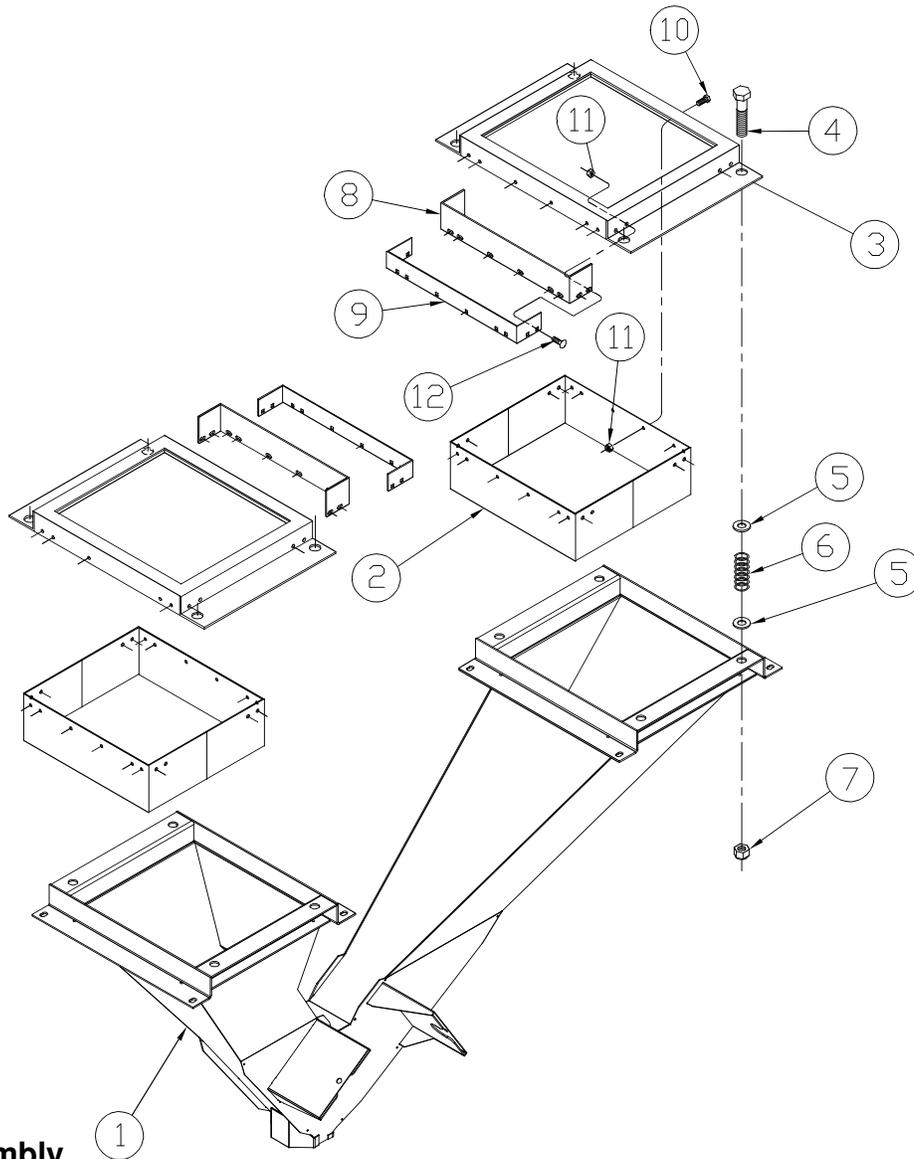


S-Wrap Roller Assembly #62891700

Item	Qty	Part No.	Description
1	1	82639600	S-wrap Roller
2	2	401042	Bearing



Seed Box Tote Spouts



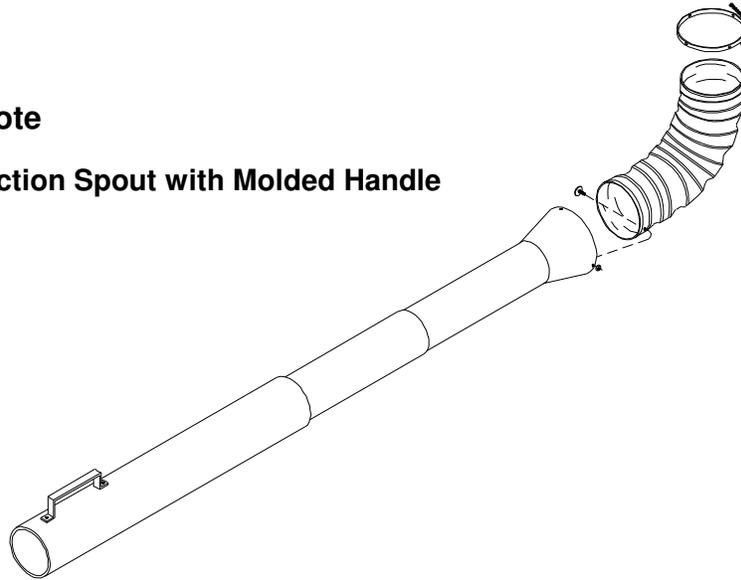
Spout Assembly #878793

Item	Qty	Part No.	Description
1	1	975359	Spout
2	2	82105800	Inside Frame
3	2	82107400	Frame Top
4	8	335620	HHCS 5/8" x 3"
5	16	330183	Flat Washer 5/8"
6	8	501031	Spring
7	8	01572700	Nylock 5/8"
8	2	17252800	Deflector Skirtboard
9	2	17251000	Deflector Back-up
10	16	01057900	HHCS 1/4" x 3/4"
11	36	330522	Nylock 1/4"
12	20	337949	Carriage Bolt 1/4" x 3/4"

Seed Box Tote Flexible Tube

Units with Remote

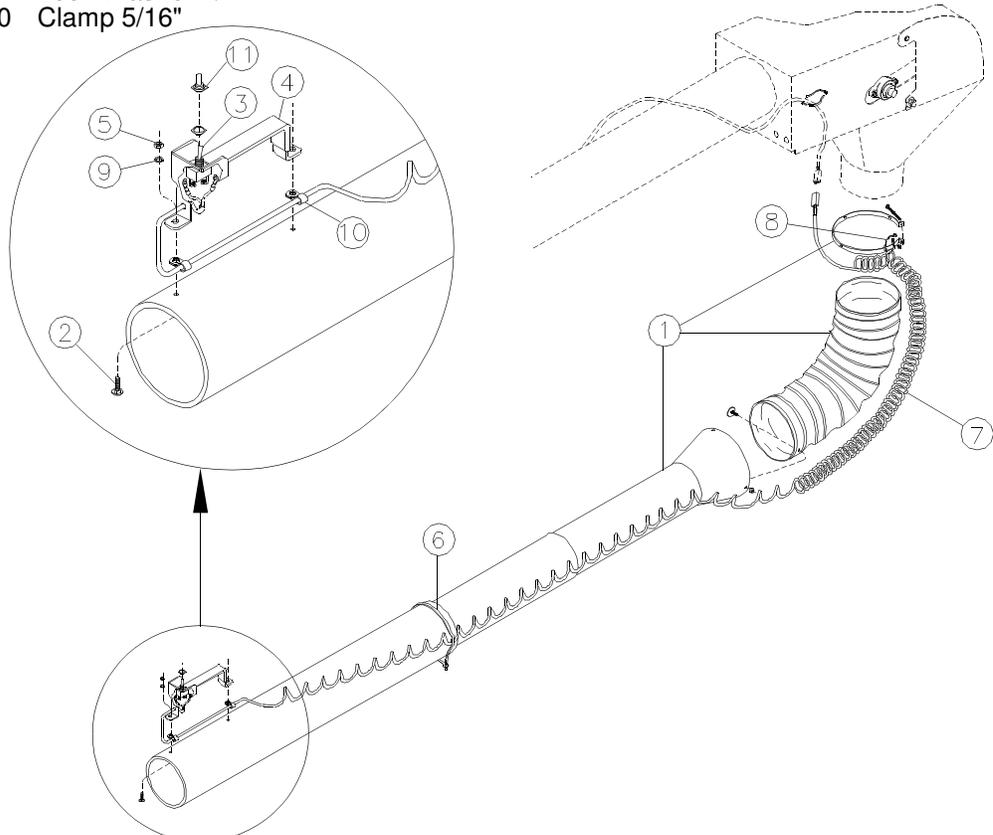
#03968500 - 3 Section Spout with Molded Handle



Units without remote

#62369400 - Flexible Spout Assembly

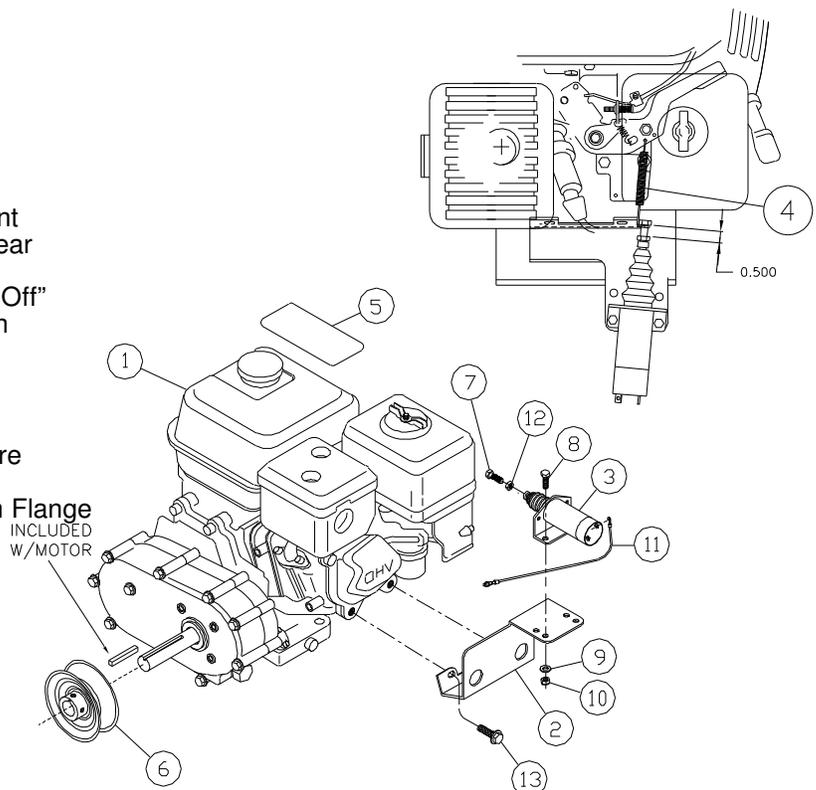
Item	Qty	Part No.	Description
1	1	01526300	Telescoping Feed Spout - 3 piece
		03423100	Hose Clamp
2	2	01065200	Bolt 1/4-20 x 1"
3	1	03723400	Switch
4	1	62748900	Handle Assembly
5	2	332205	Hex Nut 1/4"
6	1	571281	Cable Tie 24"
7	1	62380100	Retractable Wire
8	1	571299	Cable Tie 8 1/2"
9	2	330050	Lock Washer 1/4"
10	2	01059500	Clamp 5/16"



Seed Box Tote Engine Assembly

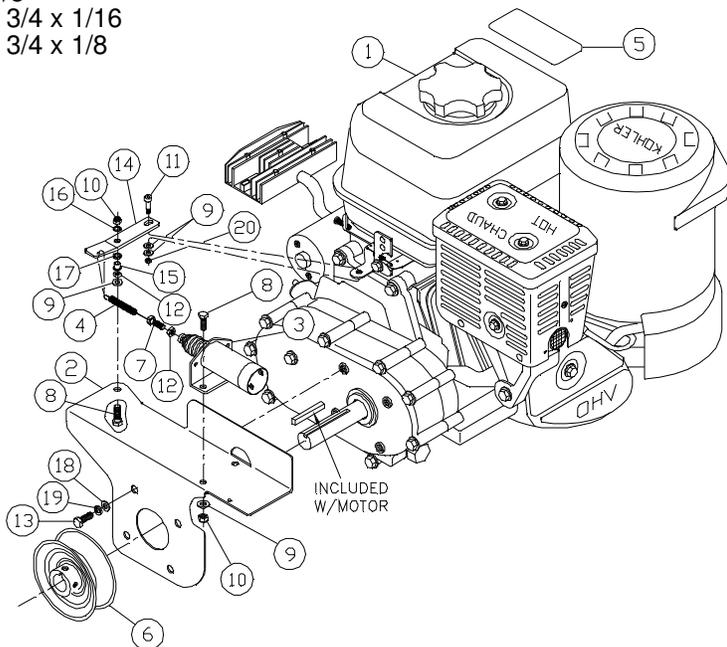
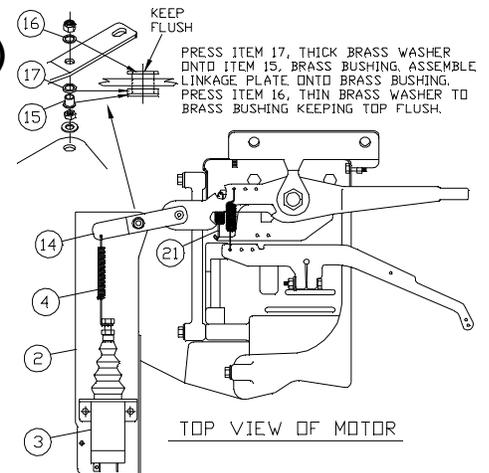
#63046700 - Engine Assembly

Item	Qty	Part No.	Description
1	1	03750400	Engine 5.5 HP Electric Start
2	1	82820200	Solenoid Motor Mount
3	1	03961000	Solenoid Sealed Linear
4	1	04123600	Throttle Spring
5	2	05316500	Decal "Caution Fuel Off"
6	1	16612400	Sheave 3.5 Cast Iron
7	1	03959400	HHCS 1/4-28 x 1"
8	2	01057900	HHCS 1/4-28 x 3/4"
9	2	02016400	Flat Washer 1/4"
10	2	330522	Nylock 1/4"
11	1	62774500	Solenoid Ground Wire
12	1	03960200	Hex Nut 1/4-28
13	2	339242	Screw M6-1 x 16mm

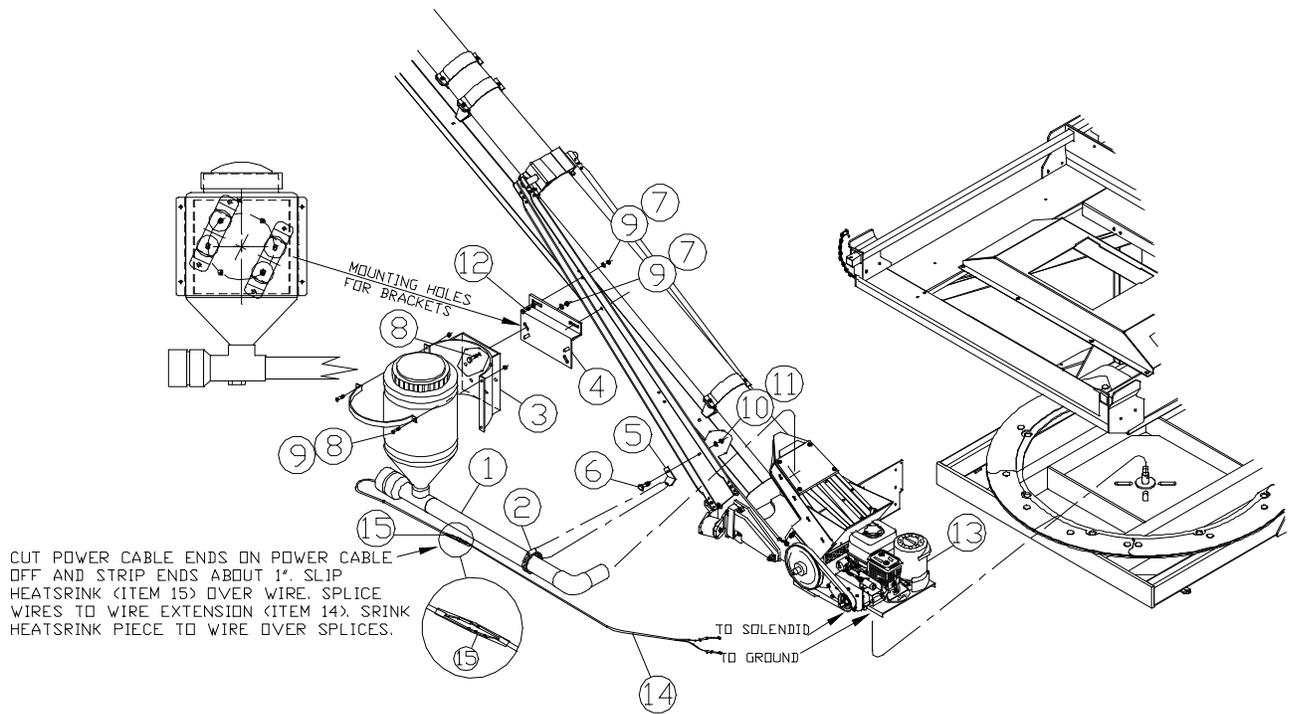


#880658 - Kohler Engine Assembly (Units w/Talc)

Item	Qty	Part No.	Description
1	1	614834	Kohler Engine 7 HP 10 Amp
2	1	277723	Motor Mount
3	1	03961000	Solenoid
4	1	04123600	Throttle Spring
5	2	05316500	Decal "Caution Fuel Off"
6	1	16612400	Sheave 3 1/2" Cast
7	1	03959400	HHCS 1/4-28 x 1"
8	3	01057900	HHCS 1/4 x 3/4"
9	5	02016400	Flat Washer 1/4"
10	3	330522	Nylock 1/4"
11	1	339317	Shoulder Bolt 6mm x 6mm
12	2	03960200	Hex Nut 1/4-28
13	4	00352500	HHCS M8 x 16
14	1	277731	Throttle Linkage Plate
15	1	608711	Bearing 1/4 x 3/8 x 3/8
16	1	608695	Thrust Bearing 3/8 x 3/4 x 1/16
17	1	608703	Thrust Bearing 3/8 x 3/4 x 1/8
18	4	330852	Flat Washer 5/16
19	4	330845	Lock Washer 5/16
20	1	339325	Nut Class 6 M5
21	1	614842	Return Spring



Dry Talc



Dry Talc Assembly

Item	Qty	Part No.	Description
1	1	615039	Free Flo Inoculator Kit
2	1	606392	Hose Clamp 2½" Worm Drive
3	1	978239	Talc Mount
4	2	82489600	Belt Cover Mount
5	1	278465	Talc Clamp Plate
6	1	335919	Carriage Bolt 3/8 x 1 1/4"
7	1	330852	Flat Washer 3/16"
8	4	01010800	HHCS 5/16 x 1"
9	4	331611	Nylock 5/16"
10	4	330837	Nylock 3/8"
11	2	330852	Flat Washer 5/16"
12	2	01011600	HHCS 5/16 x 1 1/4"
13	1	880658	Engine Assembly
14	1	615047	Inoculator Wire Extension
15	4"	03638400	Heatshrink 1/4 x 4'

Remote Control

To Program Remote:

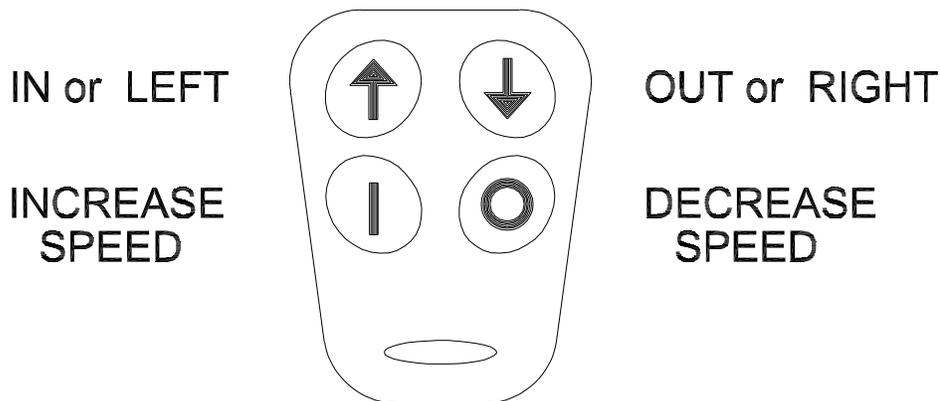
Power up the unit. When you do so, the LED on the receiver unit will flash RED four times. This indicates that the unit has received power. There is magnetically controlled switching circuitry embedded in the receiver unit. Place a fairly powerful magnet over the receiver "learn" area (near R11) for a brief moment (3 seconds), and then remove it. The LED will go to constant RED state. Now immediately press any button on the transmitter you are attempting to learn in. The LED will go to a GREEN/YELLOW color. This confirms that the receiver has picked up a signal from the transmitter, and subsequently learned that signal. Communication has been established, and it is now ready to function properly.

Troubleshooting:

Should the above procedure not complete successfully, wait until the LED light goes out, and repeat the procedure. If for any reason you experience a second failure of the learn procedure, do the following. Place the magnet on the learn area and the LED will go to a constant RED state. Leave the magnet in place on the receiver until the LED light goes out (approximately 10 seconds). This action completely clears the receiver's memory. It's akin to reformatting, or freeing up all of the space on a computer hard drive. Once you have cleared the memory, proceed with the standard learn procedure detailed above for each of the key fob transmitters you wish to use with the device. If, after all of the procedures detailed above are completed, the unit is still not functioning, check the battery in the transmitter once again. (Occasionally, even new batteries fail, or are defective from the factory. If you have a voltage meter, confirm that battery voltage is at least 2.7 volts.) If that still does not solve the problem, contact CrustBuster/Speed King, Inc. At (620) 227-7106.

Battery:

It is recommended that the battery be replaced every year.





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