

Seed Box Tote

OWNER'S MANUAL

www.weiner

OPERATION • MAINTENANCE • REPAIR PARTS

#17392200 (2012)

Table of Contents

Warranty Information1Operator Qualifications2Safety and Warnings3-6Fuel Valve7Assembly7-8Loading Seed in Tote Boxes9Wiring Diagram10-11Belt Assembly11-3Operation, Maintenance, & Belt Training 14-15
Dimensions 16-17

Repair Parts	
Stand - Electric w/Remote	18-19
Stand - Electric (Prior 2012)	20-21
Stand - Gas w/Remote	22-23
Stand - Gas	24-25
Stand - Gas (Prior 2012)	26-27
Feed Tube - Electric	28-29
Hopper	29
Guard - Electric	
Feed Tube - Gas	30-31
Feed Tube - Gas (Prior 2012)	
Hopper	33
Guard - Gas	
Spouts	34
Flexible Tube	
Engine Assembly	36-37
Remote Control	39

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

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.

Operator Qualifications

Operation of this Seed Tote shall be limited to competent and experienced persons. In addition, anyone who will operate or work around this equipment must use good common sense. In order to be qualified, he or she must also know and meet all other requirements, such as:

- 1. Some regulations specify that no one under the age of 16 may operate power machinery. It is your responsibility to know what these regulations are in your area or situation.
- 2. Current OSHA regulations state in part: "At the time of initial assignment and at least annually thereafter the employer shall instruct EVERY employee in the safe operation of servicing of all equipment with which the employer is, or will be involved."
- 3. Unqualified persons are to STAY OUT of the work area.
- 4. A person who has not read and understood all operating and safety instructions is not qualified to operate the machinery.



FAILURE TO READ THIS SEED TENDER MANUAL AND ITS SAFETY INSTRUCTIONS IS A MISUSE OF THE EQUIPMENT.



Sign Off Sheet

As a requirement of OSHA, it is necessary for the employer to train the employee in the safe operation and safety procedures with this Seed Tender. We include this sign off sheet for your convenience and personal record keeping.

DATE	EMPLOYER	EMPLOYER'S SIGNATURE



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.

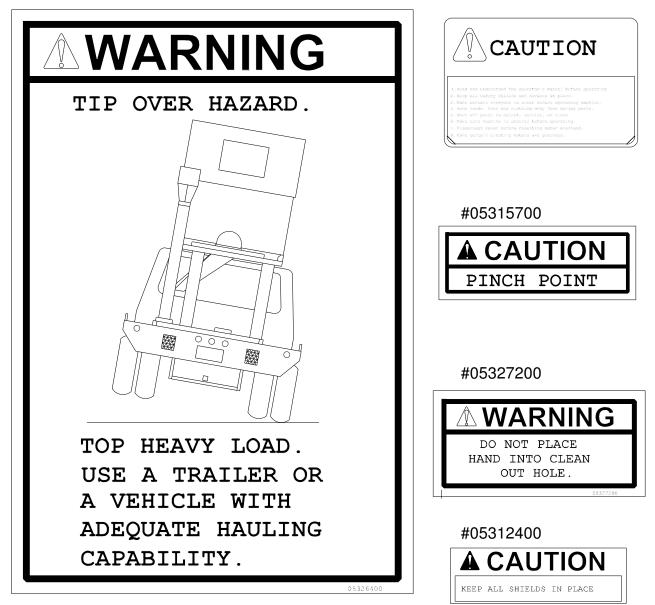
Safety Decals

REMEMBER:

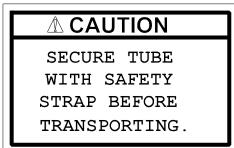
If Safety signs have been damaged, removed, become illegible or parts replaced without decals, new decals must be applied. New decals are available from your authorized distributor or factory. Individual decals shown below.

#05326400

#05303300



#05325600



#05328000





Danger

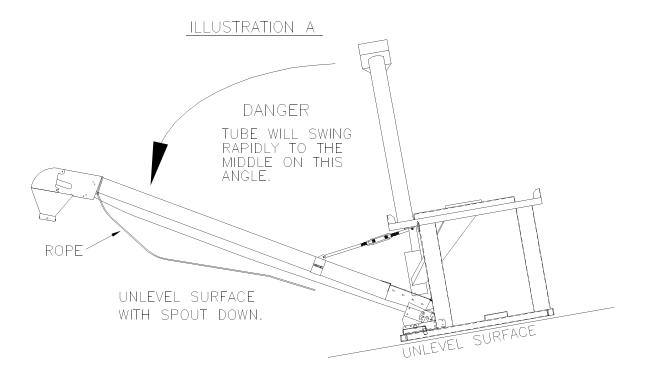
BE ALERT! YOUR PERSONAL SAFETY IS INVOLVED. ALWAYS PARK TENDER ON LEVEL SURFACE TO UNLOAD.

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 will swing rapidly and out of control to one side or the other.

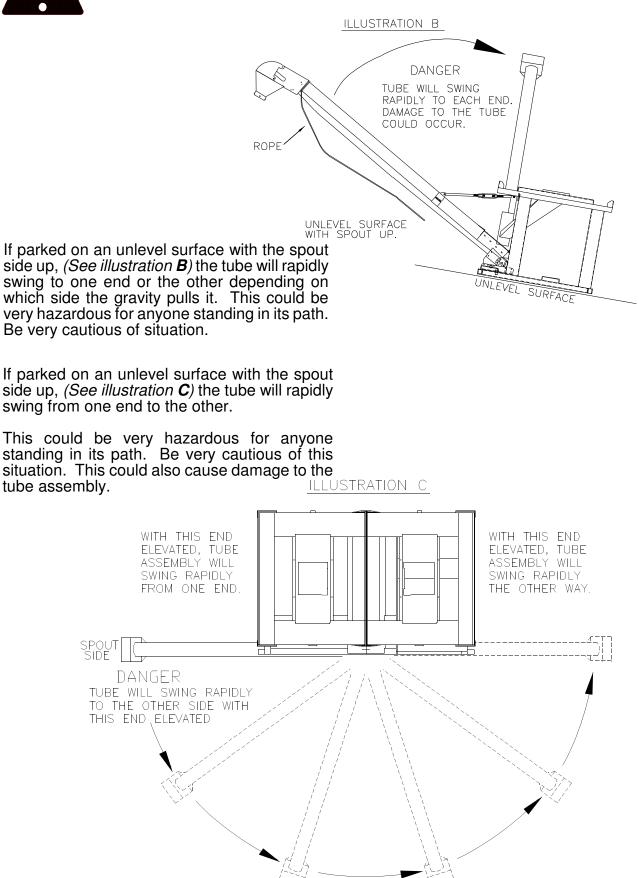
The rope attached to the tube is to assist in guiding the tube. If tube is swinging out of control, the rope may not control the tube.

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



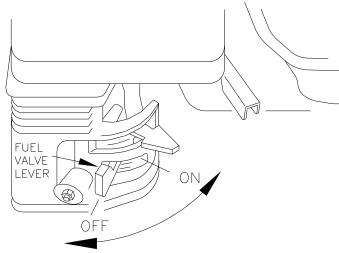


Danger





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.

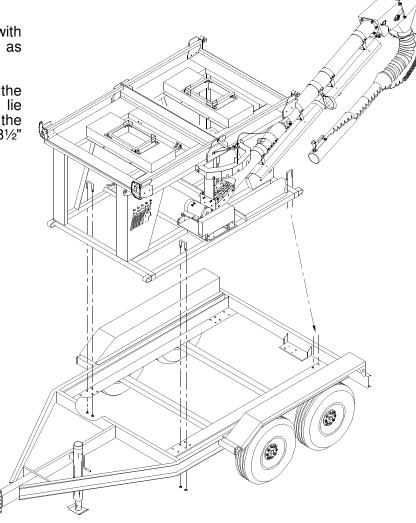
See engine owner's manual to help you avoid other damage to your engine.

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

Assembly

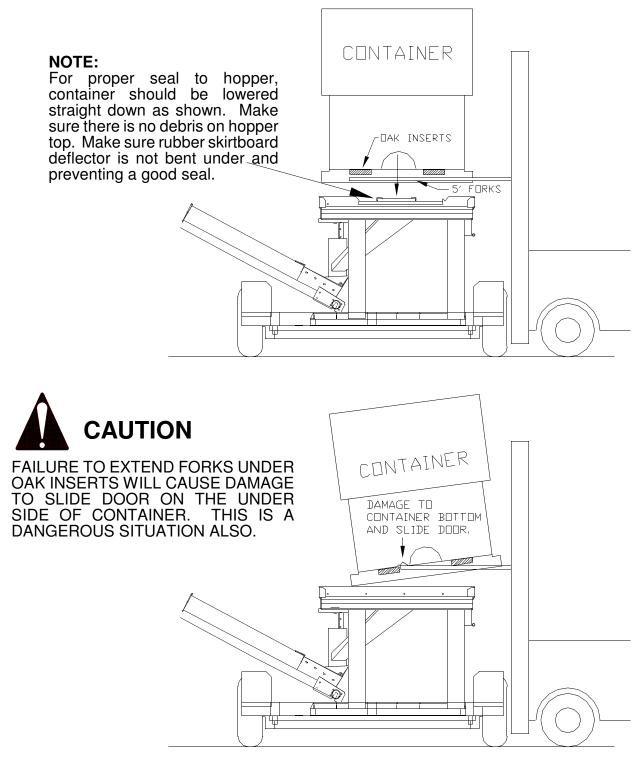
If trailer has been purchased with the Seed Box Tote, assemble as follows:

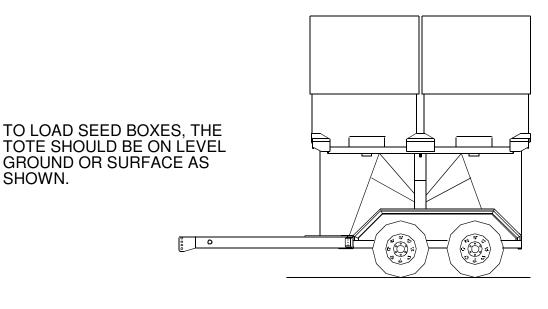
Center the Seed Box Tote on the trailer. The tubes should lie between mounting holes on the trailer. Attach using $\frac{1}{2}$ " x $2\frac{1}{2}$ " x $3\frac{1}{2}$ " u-bolts and $\frac{1}{2}$ " nylock nuts. **Reference Illustration.**





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. RECOMMENDED FORKS ON FORKLIFT TO BE AT LEAST 5 FEET TO MAKE SURE FORKS EXTEND IN AND REST ON OAK INSERTS.





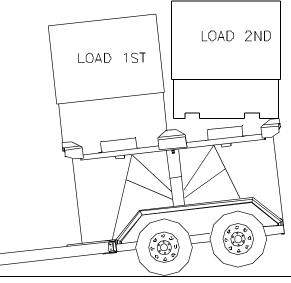
IF IT IS NOT POSSIBLE TO LOAD ON A LEVEL SURFACE, LOAD THE DOWN HILL CONTAINER FIRST, AS SHOWN.

0

0

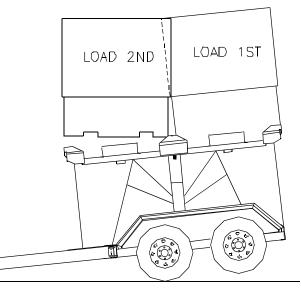
000

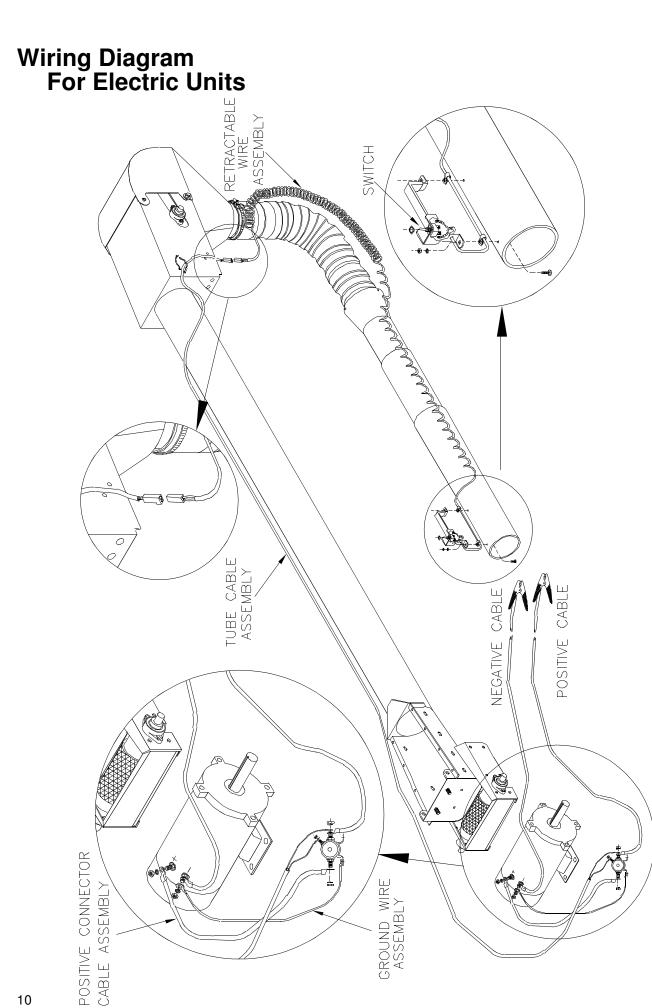
THIS IS THE RIGHT WAY!



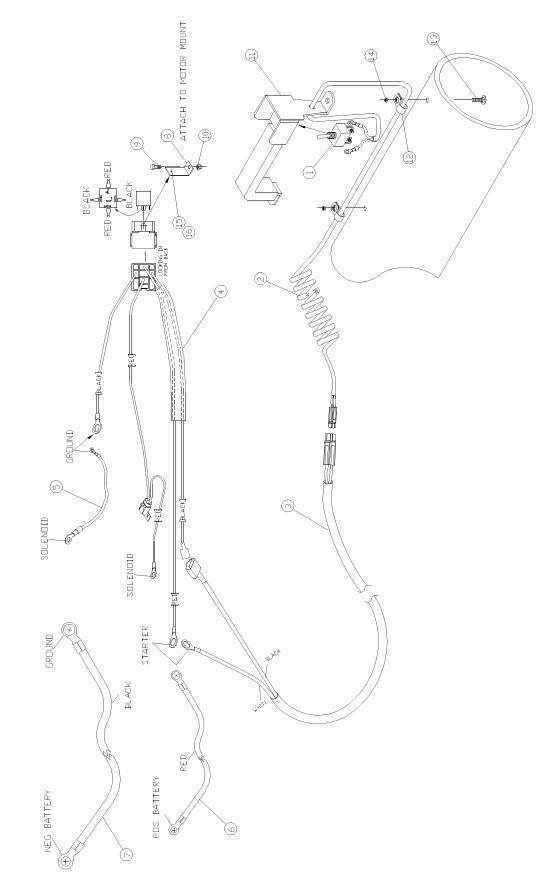
IF YOU LOAD THE UP HILL BOX FIRST, IT WILL BE VERY DIFFICULT TO GET THE SECOND BOX LOADED.

THIS IS THE WRONG WAY!

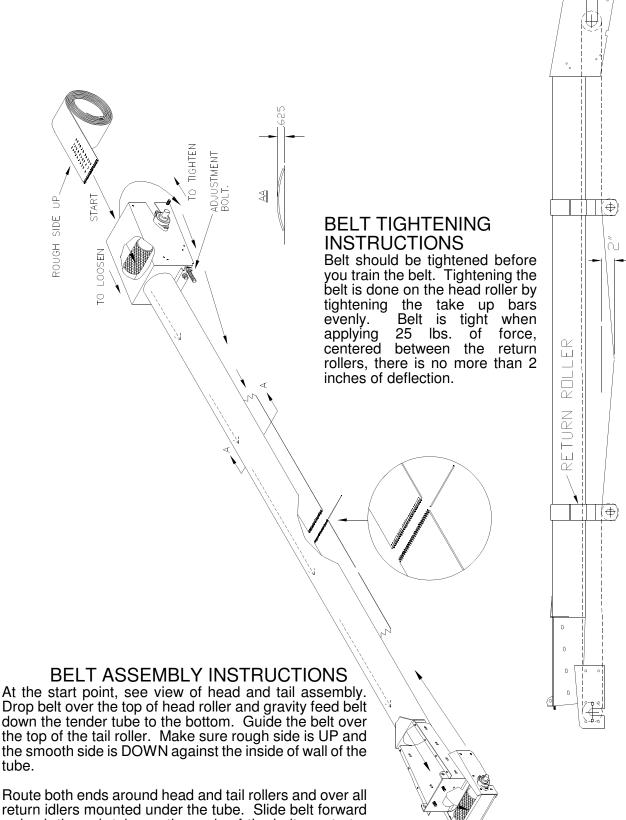




Wiring Diagram For Gas Units (without remote)



Belt Assembly



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.

tube.

Through the down periods, the belt can adhesively stick to the bottom of the tube. To unstick the belt, use a screwdriver or a rod to push the belt up off the bottom of the feed tube using holes located on the bottom of the tube before running the unit. Failure to make sure the belt is free will result in belt failure.

Pre-Operation Check List

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

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

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

STORAGE

Temporary Storage

- Relieve tension on tender belt.
- 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. 2.

Prolonged Storage

- Remove all belts and store in a cool, dark, dry place. 1.
- Wash tender belt thoroughy.
 Wash tender tube both inside and out.
- 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 bearinds.

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.

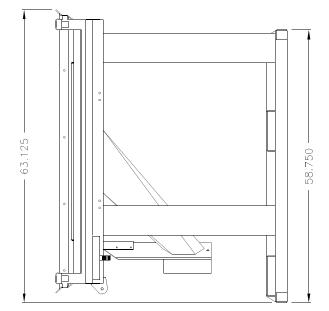
When a belt is initially started, it should be jogged around the system to determine if a major runout occurs which could damage belt and belt edges. If runout occurs at some point of the system, the reason is usually a return idler or roller out of alignment before the runout. Alignment should be rechecked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

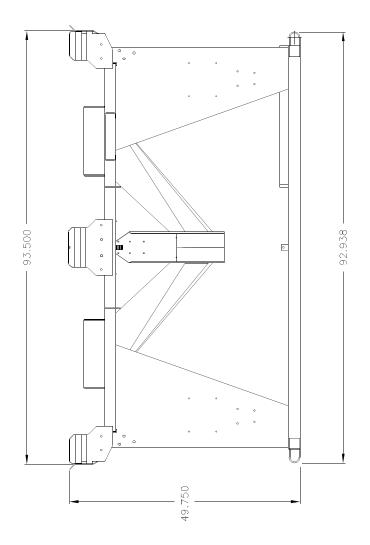
After the belt can be safely run without damage, final training should begin with the head roller. The belt must enter the head roller in the center without movement from side to side. If the belt is not centered on the tail pulley, the return strand of belt should be observed for any section which is 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.

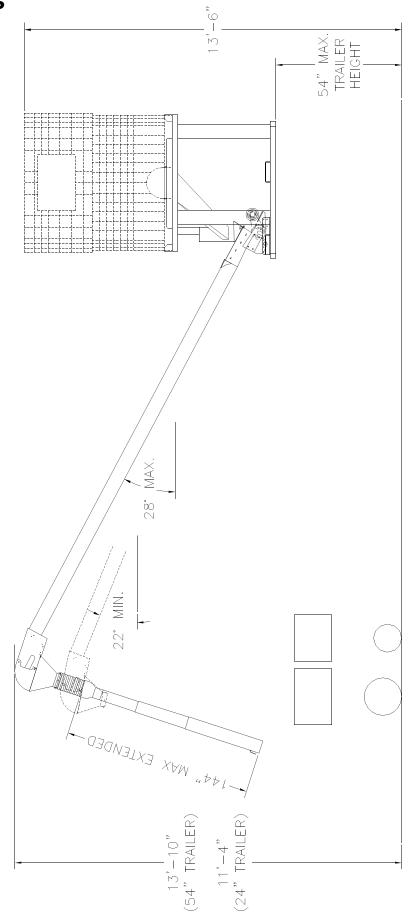
If slip occurs under load, additional belt tension should be adjusting the take-up only enough to prevent slip from occurring under load, and when started with a load.

Seed Box Tote Dimensions

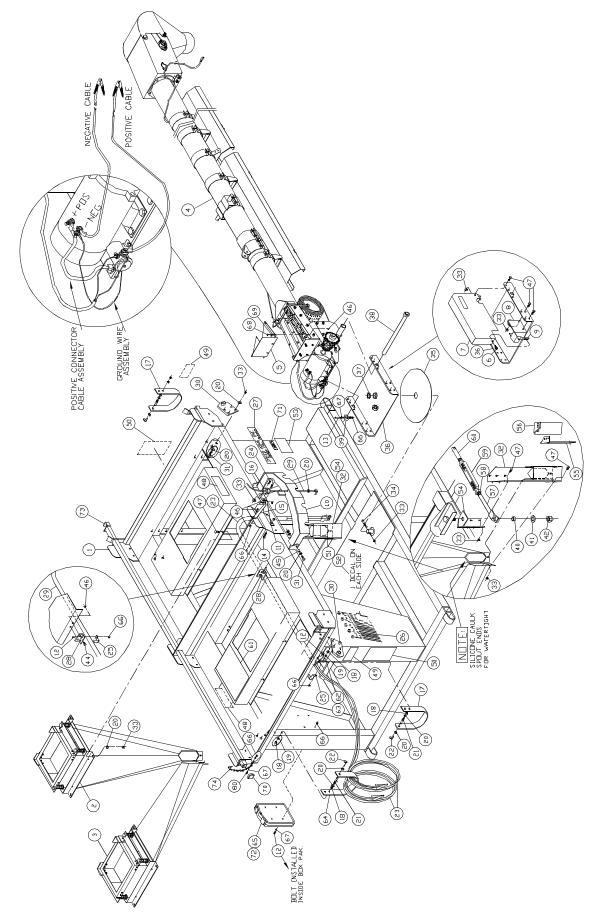




Seed Box Tote Dimensions

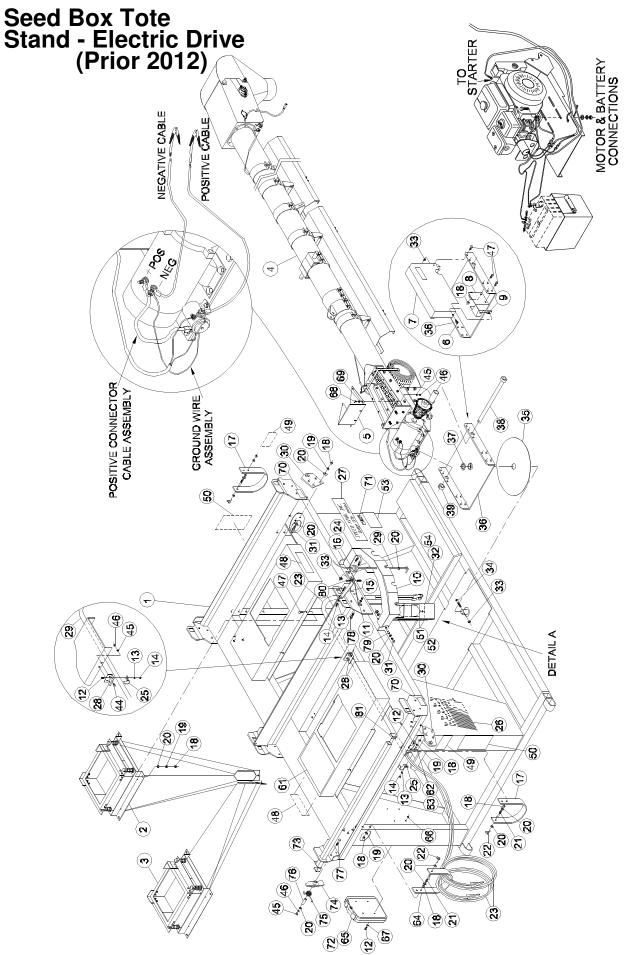


Seed Box Tote Stand - Electric Drive



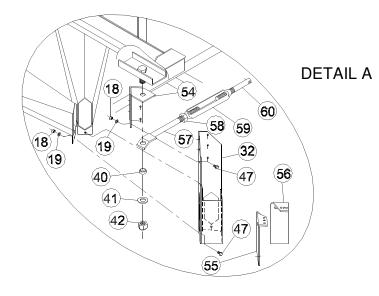
Seed Box Tote Stand - Electric Drive

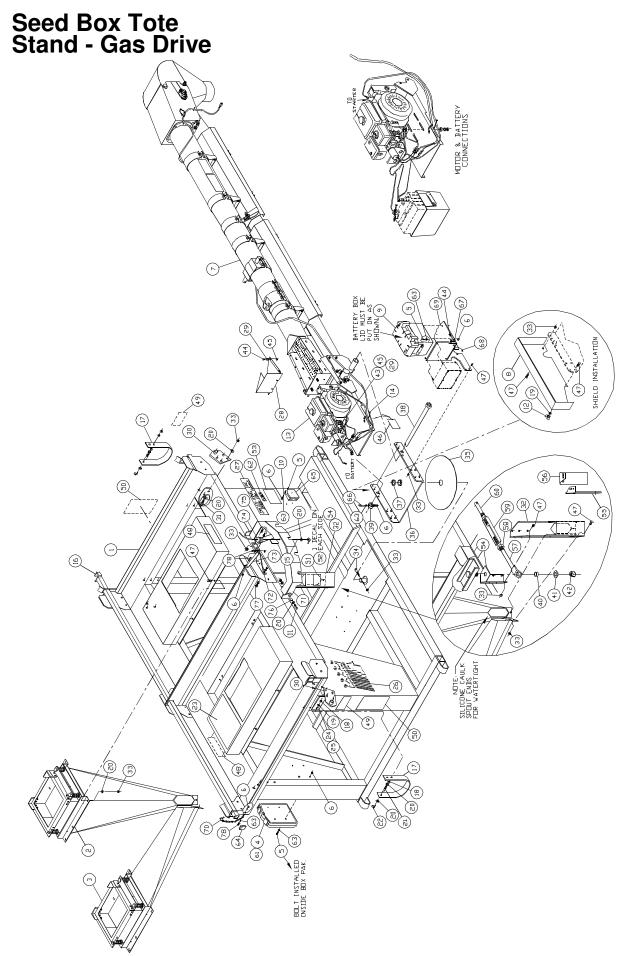
Item Q 1 1 2 3 4 5 6 7 8 9 10 1 1 2 4 2 5 5 3 3 3 1 1 2 2 2 2 1 3 2 2 8 1 3 6 7 8 9 10 1 1 2 1 1 2 4 2 2 3 4 5 6 7 8 9 10 1 1 2 1 1 2 4 2 2 3 4 5 6 7 8 9 10 1 1 2 1 1 2 4 2 2 3 4 5 6 7 8 9 10 1 1 2 2 2 2 3 4 5 6 7 8 9 10 1 1 2 2 2 3 4 5 6 7 8 9 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Part No. 82932500 62486600 62487400 62766100 82099300 01489400 62382700 17306200 01574300 82518200 20608600 01057900 01057900 01047000 273946 03651700 17634700 330035 330043 330894 16864100 330928 62629100 01034800 03102100 03102100 01113000 611301 17284100 01467000 82089400 01158500 82119900 330837 331884 570630 82114000 332569	Description Frame Spout Rear Spout Front 15' Feed Tube Assembly Tail Hopper Thumb Screw 5/16" \times 3/4" Chain Guard Guard Bracket Clip Nut 5/16" U-Type Index Index Mount Plate HHCS 1/4" \times 3/4" HHCS 1/4" \times 2 ½" Carriage Bolt 5/16" \times 1" Index Brace Plate Insulator Carrier Strap Long Hex Nut 3/8" Lock Washer 3/8" Flat Washer 3/8" Flat Washer 3/8" Flat Washer 3/8" Flat Washer 3/8" Pin 3/8" \times 2 ½" Klik Pin 3/16" Battery Cable U-bolt 3/8" \times 1 1/4" \times 2 1/4" Conduit Strap 1" Decal "Speed King Head" Decal "Letters Cable Bracket Nylon Rope 1/4" Transport Lock HHCS 3/8" \times 2 ½" Wear Plate 16" Pivot Base Machine Bushing 1 7/8" \times 1 1/4" \times 10ga	Ite 3390123444444444455555555555566666666666677777777	Qty 11111122249222111111111111211444421122	Part No. 967638 153478 605220 330407 330597 331611 01144500 19892900 331835 01017300 05310800 05326400 05326400 05326400 05326400 05328000 05328000 05328000 05328000 05328000 05328000 17387200 82527300 332288 06814800 17287400 606327 00694000 600577 16865800 607416 330522 020164000 01010800 330852 03818200 03439700 17392200 83019000 434456	Description Swivel Shaft Lock Bushing Bushing 1 1/4" x 1 x 1/2" HS Flat Washer 1" Hex Nylock Nut 1" Hex Nylock Nut 5/16" HHCS 5/16" x 3/4" Bushing HHCS 1/4" x 1" HHCS 3/8" x 1" Decal Debris Decal Safety Strap Decal Warning Tip-Over Decal Warning Clean-out Decal Warning Clean-out Decal Warning S Spout Attachment Spout Gate Turnbuckle Bracket Jam Nut 1" Turnbuckle Bracket Jam Nut 1" Turnbuckle Pin 1" x 8 3/4" Turnbuckle Pin 1" x 10" Decal Loading Tote Box Serial Plate Drive Screw Belt 2" x 24" Manual Pak Nylock Nut 1/4" Flat Washer 1/4" HHCS 5/16" x 1" Flat Washer 5/16" Square Plug Decal Patent No.6,505,760 Owners Manual Box Lock Bar Chain
---	--	--	---	---	--	---	--



Seed Box Tote Stand - Electric Drive (Prior 2012)

ItemCtyPart No.Description1182528100Frame2162486000Spout Rear3162487400Spout Front416276610015' Feed Tube Assembly5182099300Tail Hopper6101489400Thumb Screw 5/16" x 3/4"7162382700Chain Guard8117306200Guard Bracket9101574300Clip Nut 5/16" U-Type10182518200Index11120608600Index Mount Plate12601057900HHCS 1/4" x 3/4"138330050Lock Washer 1/4"148332205Hex Nut 1/4"15120609400Index Brace Plate16103651700Insulator17217634700Carrier Strap Long1834330035Hex Nut 3/8"2035330894Flat Washer 3/8"21316864100Pin 3/8" x 2 1/2"223330928Klik Pin 3/16"23162375100Battery Cable24101034800U-bolt 3/8" x 1 1/4" x 2 1/4"25203102100Conduit Strap 1"26201113000Decal "Speed King Head"27201202100Decal "Name"28117284100Cable Bracket336330837Hex Nylock Nut 3/8"	Item QtyPart No.Description411 330407 Flat Washer 1"421 330597 Flat Washer 1"44201144500HHCS 5/16" x 3/4"4512 330845 Lock Washer 5/164612 330811 Hex Nut 5/16"471901017300HHCS 3/8" x 1"48205310800Decal Debris49205325600Decal Warning Tip50205326400Decal Warning Cle52105327200Decal Warning Cle5310530300Decal Warnings54182133000Spout Gate55117387200Spout Gate56117387400Turnbuckle Bracke581332288Jam Nut 1"591066327Decal Loading Tot62100694000Serial Plate632600577Drive Screw64116865800Belt 2" x 24"651607416Manual Pak664330522Flat Washer 1/4"67402016400Flat Washer 5/16"70205315700Decal Pinch Points71103439700Decal Pate nt 6,505,76072117392200Owners Manual73482425000Lock Bracket75403670700Spring76420302600Spring Bushing77<	" -Over ean-out per 3/4" x 10" e Box
---	---	--



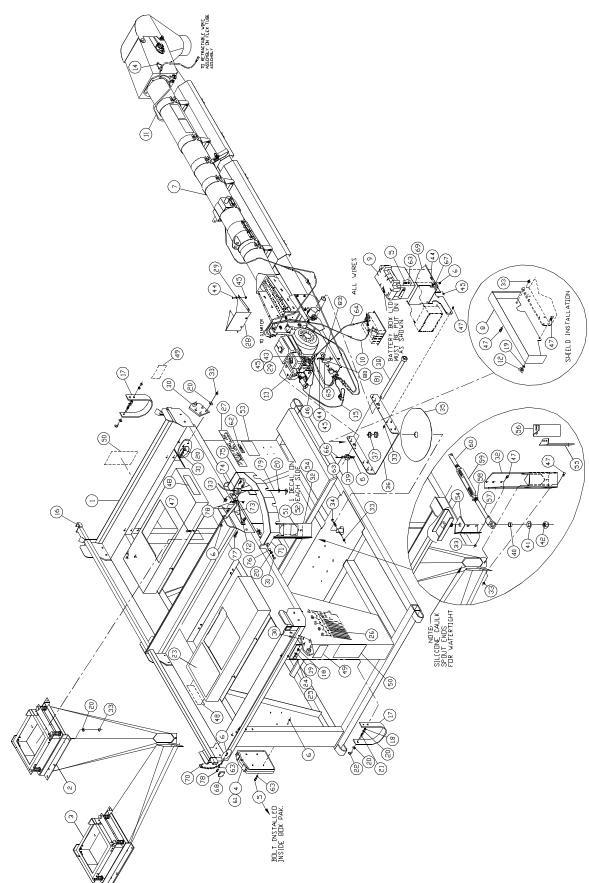


Seed Box Tote Stand - Gas Drive

$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Part No. 82932500 62486600 62487400 607416 01057900 330522 63094700 62605100 01429000 605659 01158500 334847 630467000 571299 01467000 83019000 17634700 330035 330043 330894 16864100 330928 606327 600577 00694000 01113000 611301 82099300 330852 82089400 01158500 82119900 330852 82089400 01158500 82119900 330837 331884 570630 8211900 332569 967638 153478	Belt Guard Battery Box Group 24 Grommet HHCS 3/8" x 1 1/4" Wing Nut 3/8" Engine Assembly Cable Tie 8½" Nylon Rope 1/4" Box Lock Bar Carrier Strap Long Hex Nut 3/8" Lock Washer 3/8" Flat Washer 3/8" Pin 3/8" x 2 ½" Klik Pin 3/16" Decal Loading Caution Drive Screw Serial Plate Decal "Speed King Head" Decal "Speed King Head" Decal "Letters" Chute Flat Washer 5/16"	4012344567890123456789012 345667890123456777777777777777777777777777777777777	Qty 1 1 1 4 6 6 1 2 2 2 2 1 1 1 1 1 1 1 1 1 2 2 2 2 1 1 1 1 1 1 2 2 2 2 2 1 1 1 1 1 2 2 2 2 2 1 1 1 1 1 1 2 2 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1	Part No. 605220 330407 330597 335448 01144500 331611 612580 01017300 05310800 05325600 05326400 05327200 05328000 023937000 006130000 273946 036517000 010348000 198929000 01047000 331835 000000 053280000 0532800000000000000000000000000000000000	Description Bushing 1 1/4" x 1" x ¹ / ₂ " HS Flat Washer 1" Hex Nylock Nut 1" HHCS 5/16" x 1 ¹ / ₂ " HHCS 5/16" x 1 [/] ₂ " Hex Nylock Nut 5/16" Shipping Tag HHCS 3/8" x 1" Decal Debris Decal Safety Strap Decal Warning Tip-Over Decal Warning Clean-out Decal Warnings Spout Attachment Spout Gate Spout Gate Turnbuckle Bracket Jam Nut 1" Turnbuckle Pin Owners Manual Decal Patent No. 6,505,760 Flat Washer 1/4" Square Plug Remote Fob Box HHCS 1/4 x 2 1/4" Hose Clamp 5/8" Hex Nylock Nut 5/16" Battery Side Mount Plate Index Index Mount Plate Index Strace Plate Insulator U-bolt 3/8" x 1 1/4" x 2 1/4" HHCS 1/4" x 1"
---	--	---	---	---	--	---

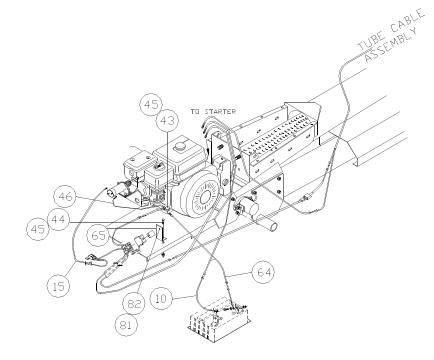
Remote Receiver Remote Transmitter #03962800 #03963600

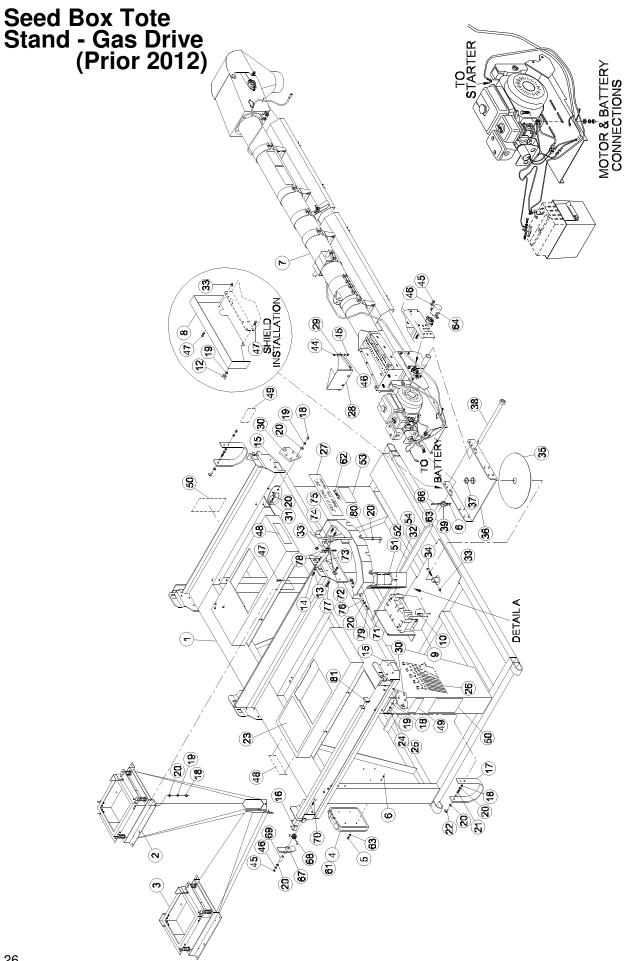
Seed Box Tote Stand - Gas Drive Wired without Remote



Seed Box Tote Stand - Gas Drive Wired without Remote

Item 1 2 3 4 5 6 7 8 9 0 11 2 3 4 5 6 7 8 9 0 11 2 3 4 5 6 7 8 9 0 11 2 3 4 5 6 7 8 9 0 11 2 3 4 5 6 7 8 9 0 11 2 3 4 5 6 7 8 9 0 12 2 2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3	1 1 1 1 1 4 7 1 1 1 1 1 1 1 1 1 1 1 1 1	Part No. 82932500 62486600 62487400 607416 01057900 330522 63094700 62605100 01429000 63149900 62771100 334847 63046700 571299 611467 83019000 17634700 330035 330043 330894 16864100 330928 600577 00694000 01113000 611301 82099300 330852 82089400 01158500 82119900 330837 331884 570630 82114000 332569 967638 153478	Carrier Strap Long Hex Nut 3/8" Lock Washer 3/8" Flat Washer 3/8" Pin 3/8" x 2 ½" Klik Pin 3/16" Decal Loading Caution Drive Screw Serial Plate Decal "Speed King Head" Decal "Speed King Head" Decal "Name" Chute Flat Washer 5/16" Transport Lock HHCS 3/8" x 1 1/4" Dual Spout Bracket Hex Nylock Nut 3/8" HHCS 3/8" x 2 ½" Wear Plate 16" Pivot Base Machine Bushing 1 7/8" x 1 1/4" x 10ga	4444567890123456789012 3456678901234567890	Qty 14791322211111111111 91112212111111224331 331	63150700 30826200 02393700 00613000 240119 434456 82518200 20608600 273946 03651700 01034800 19892900 01047000 331835 01467000 02690600	Description Hex Nylock Nut 1" HHCS 5/16" x 11/2" HHCS 5/16" x 3/4" Hex Nylock Nut 5/16" Solenoid Ground Cable HHCS 3/8" x 1" Decal Debris Decal Safety Strap Decal Warning Tip-Over Decal Warning Clean-out Decal Warnings Spout Attachment Spout Gate Turnbuckle Bracket Jam Nut 1" Turnbuckle Bracket Jam Nut 1" Turnbuckle Pin Owners Manual Decal Patent No. 6,505,760 Flat Washer 1/4" Battery Cable - Negative Mounting Bracket HHCS 1/4 x 1 1/4" Hose Clamp 5/8 Square Plug Battery Side Mount Plate Chain Assembly Index Index Mount Plate Insulator U-bolt 3/8" x 1 1/4" x 2 1/4" Bushing Carriage Bolt 5/16" x 1" HHCS 1/4" x 1" Nylon Rope 1/4" Screw #10-24 x 1 1/4 Pan
39 40 41	1 1 1	153478 605220 330407	Lock Bushing Bushing 1 1/4" x 1" x½" HS Flat Washer 1"	80 81	1 1	02690600 333393	Sćrew #10-24 x 1 1/4 Pan Lock Nut #10-24

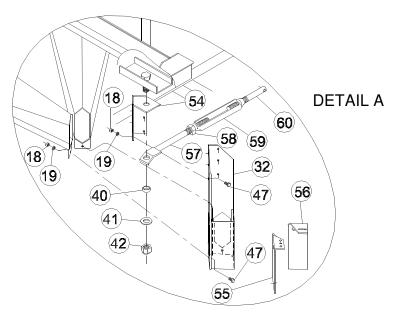




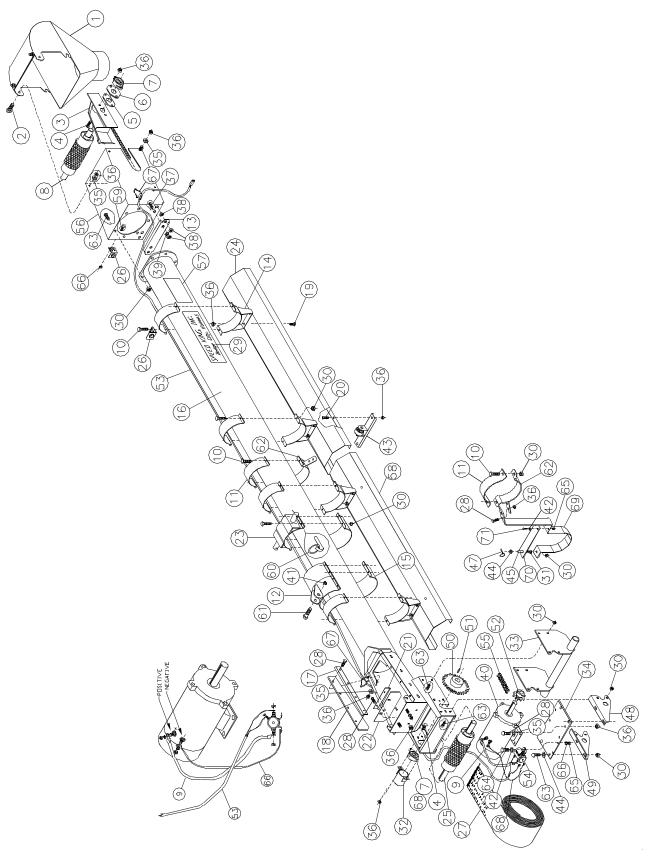
Seed Box Tote Stand - Gas Drive (Prior 2012)

$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Part No. 82528100 62486600 62487400 607416 01057900 330522 62767900 01429000 01429000 01429000 01429000 234849 334847 330050 32205 05315700 82519000 17634700 330035 330043 330894 16864100 330928 606327 600577 00694000 01113000 01202100 82099300 330852 82089400 01158500 82119900 330837 331884 570630 82114000 332569 967638 153478	Box Lock Bar Carrier Strap Long Hex Nut 3/8" Lock Washer 3/8" Flat Washer 3/8"	Ite 40 41 44 44 44 44 44 44 44 55 55 55 55 55 55	Q111140082221111111111111144444111112228334	Part No. 605220 330407 330597 01144500 330811 330845 01017300 05310800 05325600 05326400 05327200 05328000 05328000 05328000 17387200 82527300 332288 06814800 17392200 03439700 82502600 02393700 82425000 02393700 82425000 03670700 20302600 03783800 82518200 03651700 03651700 01034800 19892900 01047000 331835 01158500 01467000 03818200	Description Bushing 1 1/4" x 1" x ¹ / ₂ " HS Flat Washer 1" Hex Nylock Nut 1" HHCS 5/16" x 3/4" Hex Nut 5/16" Lock Washer 5/16" HHCS 3/8" x 1" Decal Debris Decal Safety Strap Decal Warning Tip-Over Decal Warning Clean-out Decal Danger Hopper Decal Warnings Spout Attachment Spout Gate Turnbuckle Bracket Jam Nut 1" Turnbuckle Bracket Jam Nut 1" Turnbuckle Pin Owners Manual Decal Patent No. 6,505,760 Flat Washer 1/4" Shaft End Guard HHCS 1/4 x 1 1/4" Lock Bracket Spring Spring Bushing Carriage Bolt 3/8" x 21/2" Index Index Mount Plate Insulator U-bolt 3/8" x 1 1/4" x 2 1/4" Bushing Carriage Bolt 5/16" x 1" HHCS 1/4" x 1" HHCS 3/8" x 1 1/4" Nylon Rope 1/4" Square Plug
--	---	--	--	---	--	---

Remote Receiver Remote Transmitter #03962800 #03963600



Seed Box Tote 15' Feed Tube Assembly Electric Drive



Seed Box Tote 15' Feed Tube Assembly Electric Drive

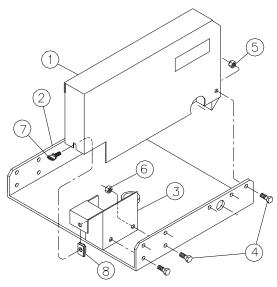
Item	Qty	Part No.	Description
1	1	63198600	Spout w/Lining
2 3	2 1	01144500 961714	HHCS 5/16" x 3/4" Take-up Bar Right
U	1	961565	Take-up Bar Left
4	8 2 2 4	01261700	Carriage Bolt 5/16" x 11/2"
5	2	151746	Head Bearing Slide Inner
5 6 7	2	151753 03001500	Head Bearing Slide Outer Bearing 1" Flange
8	1	62212600	Head Roller
9	i	62377700	Positive Connecter Cable
10	22	01158500	HHCS 3/8" x 1 1/4"
11 12	5	16577910	Half Band 6 x 2
12	1 1	82358300 16497000	Turn Buckle Half Band Adjustment Mount Plate
14	4	82489600	Belt Cover Mount
15	3 1	16578710	Half Band 6 x 4
16	1	82421900	
17 18	2	16427700 16431900	Skirt Board Plate Skirt Board Back
19	8	334409	Carriage Bolt 5/16" x 3/4"
20	2 2 8 2 1	333542	HHCS ⁻ 5/16" x 5/8"
21 22	1	16428500	Skirt Board Plate
22	1 1	16432700 82117300	
23 24	1	20489100	Tube Transport Lock Belt Guard
25	1	62705900	Tail Roller
26	3	62213400	Head Rope Guide
27	1	62850300	Belt 8" x 35'-7 7/8"
28 29	11 2	01010800 01202100	HHCS 5/16" x 1" Decal Speed King
30	45	330837	Nylock 3/8"
31	1	330035	Hex Nut 3/8"
32	1	82502600	
33 34	1 1	82111600 17227000	Tube Mount Motor Mount Plate
35	16	330852	Flat Washer 5/16"

Item 36 37 38 39 40 41 42 43 44 45	Qty	Part No.	Description
	33	331611	Hex Nylock 5/16"
	2	335240	HHCS ½" x 1 3/4"
	6	330134	Hex Nut ½"
	2	330142	Lock Washer ½"
	1	03648300	Electric Motor 12V 1HP
	1	331363	Hex Nylock ½"
	2	02016400	Flat Washer 1/4"
	1	62751300	Roller Base
	6	330894	Flat Washer 3/8"
	1	16864100	Spout Pin Shaft
447 4490 55555555555566 6666666667 71	$\begin{array}{c} 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 $	330928 17230400 17229600 84723600 17375700 03722600 62379300 03251600 62371000 82353400 606335 20531000 01150200 336974 335422 81865800 01017300 331835 330522 62378500 571299 01162700 244368 614321 01057900	Klik Pin 3/16" Mount Plate Right Mount Plate Left Sprocket #40 36T 1"B Key 1/4" x 1" Sprocket #40 11T 5/8" B Tube Cable Solenoid Switch Chain #40 x 58 Complete Head Frame Decal Belt Training Belt Guard Plate HHCS 1/4" x ½" Klik Pin 5/16" w/ring HHCS 1/4" x ½" Half Band Guard HHCS 3/8" x 1" HHCS 1/4" x 1" HACS 1/4" x 1" Hex Nylock Nut 1/4" Ground Wire Cable Tie 8½" Zerk 1/4-28 x 45 Degree Spout Hanger Spout Strap HHCS 1/4" x 3/4"

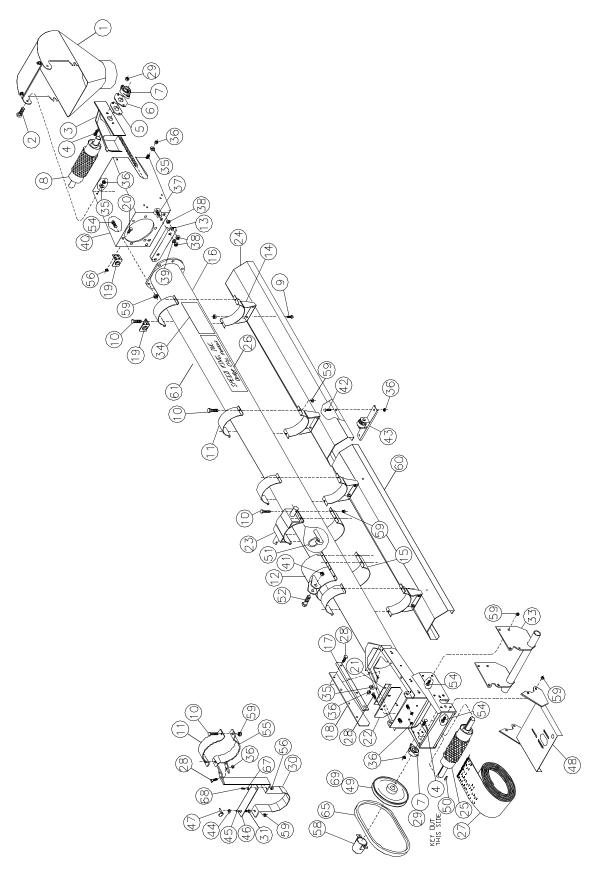
#82099300 - Hopper

Seed Box Tote Guard - Electric

Item	Qty	Part No.	Description
1	1	62382700	Chain Guard Assembly
2	1	82114000	Pivot Base
3	1	17306200	Guard Bracket
4	3	01017300	HHCS 3/8" x 1"
5	1	330837	Hex Nylock Nut 3/8"
6	2	330035	Hex Nut 3/8"
7	1	01489400	Thumb Screw 5/16" x 3/4"
8	1	01574300	Clip Nut 5/16" U-Type



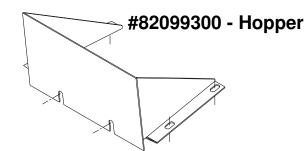
Seed Box Tote 15' Feed Tube Assembly Gas Drive



Seed Box Tote 15' Feed Tube Assembly Gas Drive

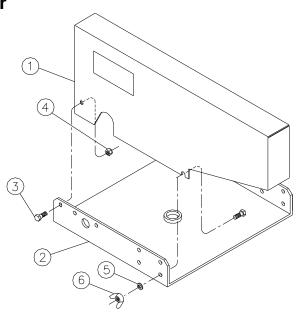
Item	Qty 1	Part No. 63198600	Description Spout w/Lining
2 3	2 1	01144500 961714	HHCS 5/16" x 3/4" Take-up Bar Right
	1	961565	Take-up Bar Left
4	8	01261700 151746	Carriage Bolt 5/16" x 11/2" Head Bearing Slide Inner
5 6 7	2 2 4	151753	Head Bearing Slide Outer
7		03001500	Bearing 1" Flange
8 9	1 8	62212600 334409	Head Roller Carriage Bolt 5/16" x 3/4"
10	22	01158500	HHCS 3/8" x 1 1/4"
11 12	5 1	16577910 82358300	Half Band 6 x 2 Turn Buckle Half Band
13	1	16497000	Adjustment Mount Plate
14	4	82489600	Belt Cover Mount
15 16	3 1	16578710 82421900	Half Band 6 x 4 Tail
17	2	16427700	Skirt Board Plate
18	2 2 3 2 1	16431900	Skirt Board Back
19 20	3	62213400 01150200	Head Rope Guide HHCS 1/4" x ½"
21		16428500	Skirt Board Plate
22	1 1	16432700	Skirt Board Back
23 24	1	82117300 20489100	Tube Transport Lock Belt Guard
25	1	62705900	Tail Roller
26 27	2 1	01202100 62850300	Decal Speed King Belt 8" x 35'-7 7/8"
28	11	01010800	HHCS 5/16" x 1"
29	2	01162700	Zerk 1/4-20 x 45D
30 31	1	244368 330035	Spout Hanger Hex Nut 3/8"
32	2 1	330043	Lock Washer 3/8"
33	1	82111600	Tube Mount
34 35	1 13	606335 330852	Decal Belt Training Flat Washer 5/16"

Item 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53	Qty 33 2 6 2 1 2 1 2 1 1 1 1 1 1 1	Part No. 331611 335240 330134 82353400 331363 333542 62751300 330894 16864100 614321 330928 82143900 04255600 17375700 336974 335422	Description Hex Nylock 5/16" HHCS $\frac{1}{2}$ " x 1 3/4" Hex Nut $\frac{1}{2}$ " Lock Washer $\frac{1}{2}$ " Head Frame Hex Nylock $\frac{1}{2}$ " HHCS 5/16" x 5/8" Roller Base Flat Washer 3/8" Spout Pin Shaft Spout Strap Klik Pin 3/16" Motor Mount-Electric Start Sheave 8 x 1 1B Key 1/4" x 1" Klik Pin 5/16" w/ring HHCS $\frac{1}{2}$ " x 2 $\frac{1}{2}$ "
54 55 56 57	18 1 2	01017300 81865800 330522	HHCS 3/8" x 1" Half Band Guard Nylock 1/4"
57 58 59 60 61 62 63 64	1 40 1	82502600 330837 20531000	Shaft End Guard Hex Nylock Nut 3/8" Belt Guard Plate
65 66	1	03752300	V-Belt B-44
67 68 69	2 2 4	02016400 01057900 01139500	Flat Washer 1/4" HHCS 1/4" x 3/4" Set Screw 3/8 x 16

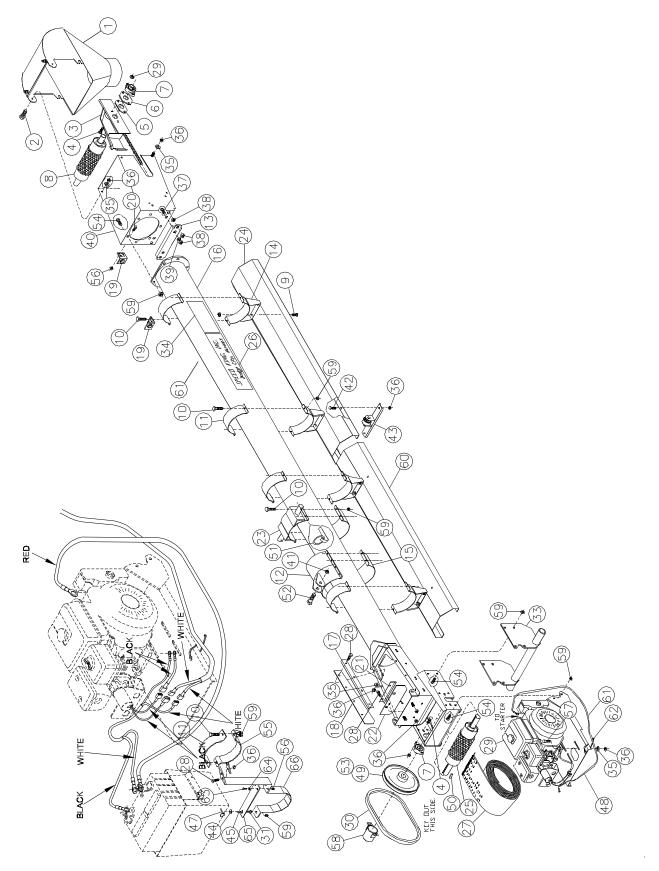


Seed Box Tote Guard - Gas

Item	Qty	Part No.	Description
1	1	62605100	Guard
2	1	82114000	Pivot Base
3	2	01017300	HHCS 3/8" x 1"
4	1	330837	Hex Nylock Nut 3/8"
5	1	330043	Lock Washer 3/8"
6	1	334847	Wing Nut 3/8"



Seed Box Tote 15' Feed Tube Assembly Gas Drive -(Prior 2012)



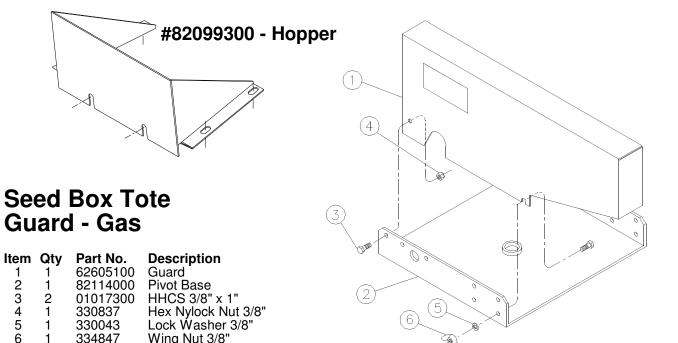
Seed Box Tote 15' Feed Tube Assembly Gas Drive -(Prior 2012)

Item 1 2 3 4 5 6 7 8 9 10 11 2 3 4 5 6 7 8 9 10 11 2 3 4 5 6 7 8 9 10 11 2 13 14 5 16 7 18 9 20 12 23 24 5 26 7 8 9 10 11 23 24 5 26 7 8 9 10 11 23 24 5 26 7 8 9 10 11 23 24 5 26 7 8 9 10 11 20 12 23 24 5 26 7 8 9 10 11 20 12 23 24 5 26 7 8 9 10 11 20 12 23 24 5 26 7 8 9 20 11 22 23 24 5 26 7 8 9 30 11 22 23 24 5 26 7 8 9 30 11 22 23 24 5 26 7 8 9 30 11 22 32 4 5 6 7 8 9 30 1 22 23 24 5 26 7 8 9 30 1 12 23 24 5 26 7 8 9 30 1 2 23 24 5 26 7 8 9 30 31 1 2 2 2 2 2 2 2 2 2 2 2 2 2	Qty 12118224182511431223211111211112	Part No. 63198600 01144500 961714 961565 01261700 151746 151753 03001500 62212600 334409 01158500 16577910 82358300 16497000 82489600 16578710 82421900 16427700 16427700 16427700 16431900 62213400 01150200 16428500 16432700 82117300 20489100 62705900 01202100 62850300 01010800 62936000 03752300 330035	Description Spout w/Lining HHCS 5/16" x 3/4" Take-up Bar Right Take-up Bar Left Carriage Bolt 5/16" x 1½" Head Bearing Slide Outer Bearing 1" Flange Head Roller Carriage Bolt 5/16" x 3/4" HHCS 3/8" x 1 1/4" Half Band 6 x 2 Turn Buckle Half Band Adjustment Mount Plate Belt Cover Mount Half Band 6 x 4 Tail Skirt Board Plate Skirt Board Back Head Rope Guide HHCS 1/4" x ½" Skirt Board Back Tube Transport Lock Belt Guard Tail Roller Decal Speed King Belt 8" x 35'-7 7/8" HHCS 5/16" x 1" Engine Assembly V-Belt B-44 Hex Nut 3/8"
	2 1		

330043 334847

1 1 Lock Washer 3/8" Wing Nut 3/8"

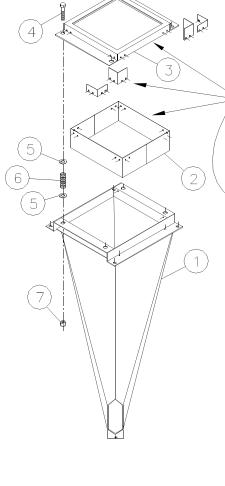
Item 33 34 35 36 37 38 39 40 41 42 43 44 45 46	Qty 1 17 37 2 6 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 1 2 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1	Part No. 82111600 606335 330852 331611 335240 330134 82353400 331363 333542 62751300 330894 16864100	Description Tube Mount Decal Belt Training Flat Washer 5/16" Hex Nylock 5/16" HHCS ½" x 1 3/4" Hex Nut ½" Lock Washer ½" Head Frame Hex Nylock ½" HHCS 5/16" x 5/8" Roller Base Flat Washer 3/8" Spout Pin Shaft
478 490 555 555 555 555 66 66 66 66 66 66 66 66	$1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 4 \\ 1 \\ 2 \\ 4 \\ 1 \\ 2 \\ 1 \\ 1 \\ 2 \\ 2 \\ 1 \\ 1 \\ 2 \\ 1 \\ 1$	330928 82143900 04255600 17375700 336974 335422 01139500 01017300 81865800 330522 335448 80161300 330837 20531000 62782800 571299 01057900 02016400 614321 244368	Klik Pin 3/16" Motor Mount-Electric Start Sheave 8 x 1 1B Key 1/4" x 1" Klik Pin 5/16" w/ring HHCS $\frac{1}{2}$ " x 2 $\frac{1}{2}$ " Set Screw 3/8-16 x 3/8 HHCS 3/8" x 1" Half Band Guard Hex Nylock Nut 1/4" HHCS 5/16" x 1 $\frac{1}{2}$ " Shaft End Guard Hex Nylock Nut 3/8" Belt Guard Plate Battery Cable 23" Cable Tie 8 $\frac{1}{2}$ " HHCS 1/4" x 3/4" Flat Washer 1/4" Spout Strap Spout Hanger



6

Þ

Seed Box Tote Spouts



(10) (11)(12)(12)11 8 a the second 9 (10)(11)K. 4 (12) (12)3 હિ 11 8 L) 2 (13 9 5 6) 5 ₹ } 7 1

#62487400 Front Spout Assembly

Item	Qty	Part No.	Description
1	1	82110800	Spout Front
2	1	82105800	Spout Frame Inside
3	1	82107400	Spout Frame Top
4	4	335620	HHCS 5/8" x 3"
5	8	330183	Flat Washer 5/8"
6	4	501031	Spring 7/64" x 2 3/4"
7	4	01572700	Hex Nylock Nut 5/8"
8	2	17252800	Deflector Skirtboard
9	2	17251000	Deflector Back-up
10	8	01057900	HHCS 1/4" x 3/4"
11	16	330050	Lock Washer 1/4"
12	16	332205	Hex Nut 1/4"
13	8	337949	Carriage Bolt 1/4" x 3/4"

#62486600 Rear Spout Assembly

Item	Qty	Part No.	Description
1	1	82109000	Spout Rear
2	1	82105800	Spout Frame Inside
3	1	82107400	Spout Frame Top
4	4	335620	HHCS 5/8" x 3"
5	8	330183	Flat Washer 5/8"
6	4	501031	Spring 7/64" x 2 3/4"
7	4	01572700	Hex Nylock Nut 5/8"
8	2	17252800	Deflector Skirtboard
9	2	17251000	Deflector Back-up
10	8	01057900	HHCS 1/4" x 3/4"
11	16	330050	Lock Washer 1/4"
12	16	332205	Hex Nut 1/4"
13	8	337949	Carriage Bolt 1/4" x 3/4"

Seed Box Tote Flexible Tube

Units with Remote

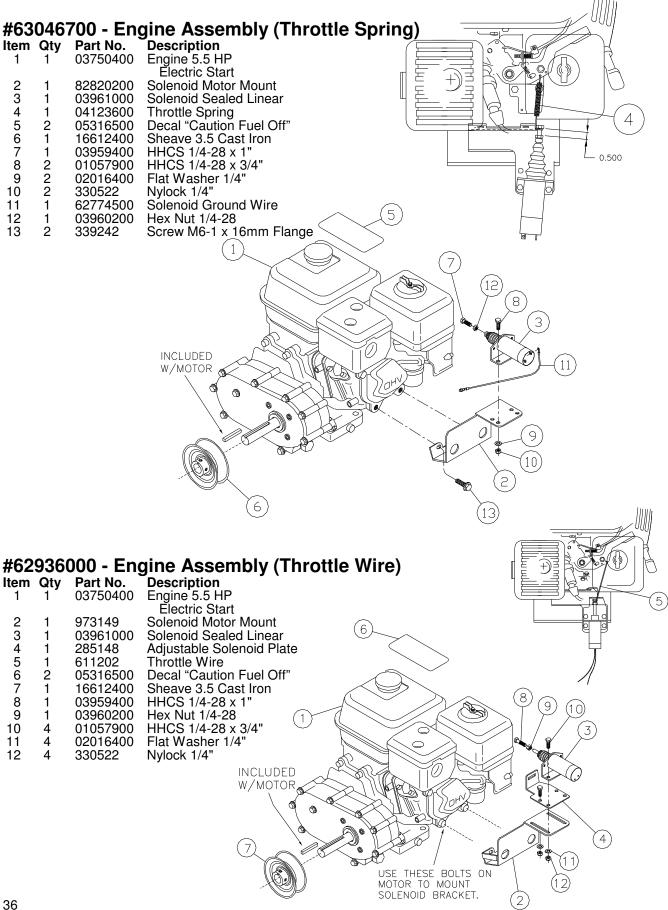
#03968500 - 3 Section Spout with Molded Handle

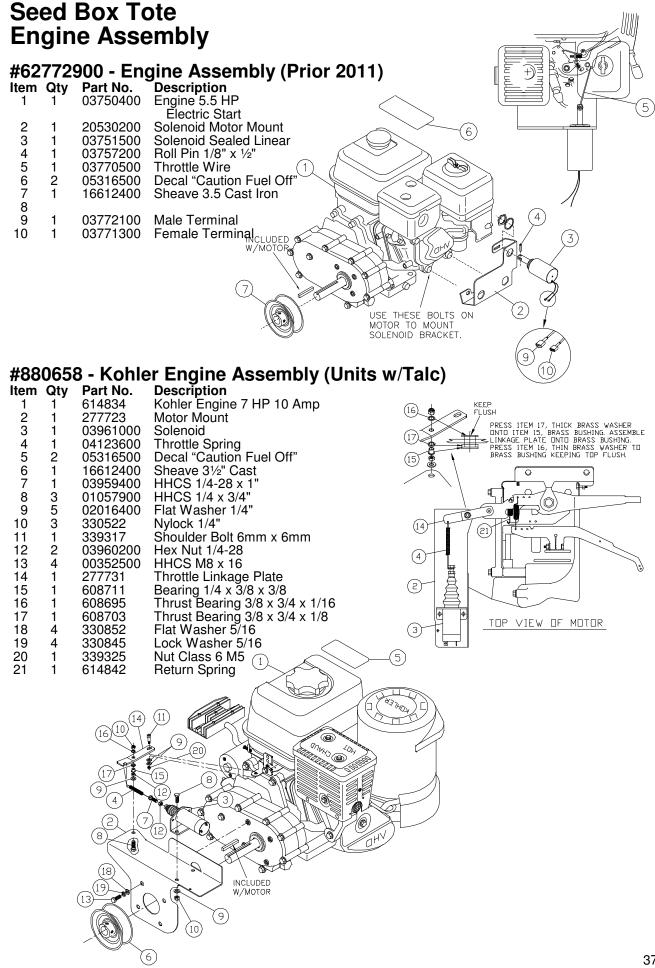
Units without remote

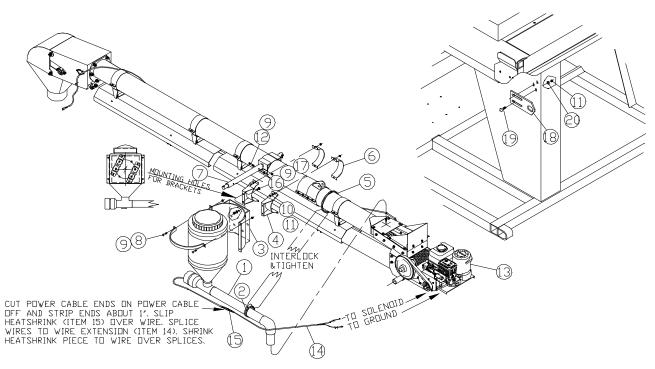
#62369400 - Flexible Spout Assembly

Item	Otv	Part No.	Description
nem	GUY		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 81/2"
9	2	330050	Lock Washer 1/4"
10	2	01059500	Clamp 5/16"

Seed Box Tote **Engine Assembly**







ltem	Qty	Part No.	Description	Item	Qty	Part No.	Description
1	1	615039	Free Flo Inoculator Kit	11	4	330837	Nylock 3/8"
2	1	606392	Hose Clamp 21/2" Worm Drive	12	1	02300200	HHCS 5/16 x 2"
3	1	978239	Talc Mount	13	1	880658	Engine Assembly
4	2	82489600	Belt Cover Mount	14	1	615047	Inoculator Wire Extension
5	1	03423100	Hose Clamp 6" Worm Drive	15	4"	03638400	Heatshrink 1/4 x 4'
6	2	16577900	Half Band 2'' x 6''	16	4	01047000	Carriage Bolt 5/16 x 1"
7	1	977652	Lockout Shaft	17	4	330852	Flat Washer 5/16
8	4	01010800	HHCS 5/16 x 1"	18	1	245092	Transport Lock Plate
9	4	331611	Nylock 5/16"	19	2	335919	Carriage Bolt 3/8 x 1 1/4"
10	4	01158500	HHCS 3/8" x 1 1/4"	20	2	330852	Flat Washer 3/8"

Remote Control

To Program Remote:

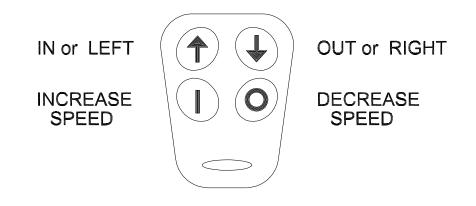
Power up the unit. When you do so, the LED on the receiver unit will flash RED four times. This indicates that the unit has received power. There is magnetically controlled switching circuitry embedded in the receiver unit. Place a fairly powerful magnet over the receiver "learn" area (near R11) for 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.





P.O. Box 1438

Dodge City, Kansas 67801

(620) 227-7106