



**OPERATOR'S MANUAL
SET-UP INSTRUCTIONS, PARTS LIST,
WARRANTY REGISTRATION FORM**

15' SINGLE AUGER SEED-FILL KINZE 3500 ASD



MARKET FARM EQUIPMENT LIMITED, R.R.#1 DASHWOOD, ONTARIO, CANADA

TEL# 519-238-2301 FAX# 519-238-6044 E-MAIL: mfeltd@execulink.com

www.marketfarmequipment.com

"SERVING THE FARM INDUSTRY SINCE 1962"

WARRANTY PROCEDURE

MARKET FARM EQUIPMENT WARRANTS THEIR MANUFACTURED PRODUCTS TO BE FREE FROM DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR AFTER THE DATE OF PURCHASE TO THE FIRST END USER AND IS SUBJECT TO THE FOLLOWING CONDITIONS.

- 1. Damage caused by improper use, negligence, or operation beyond rated capacity, improper set-up, adjustment, or any unauthorized modifications made by the dealer or customer, shall void this warranty.**
- 2. Notification of damage or warranty claims must be submitted to Market Farm Equipment (M.F.E.) within seven (7) days of the date of failure.**
- 3. All defective parts must be made available by the dealer, for inspection by M.F.E. if required, and returned at the dealer's expense.**
- 4. All warranty claims must be approved by M.F.E.**
- 5. The labour and freight required to replace defective parts is not reimbursable.**
- 6. Exchange, credit or warranty status will be based on the results of the inspection of damaged items by the manufacturer.**
- 7. Credit will be issued if and when the warranty claim is approved and MUST NOT be deducted from the account by the dealer.**
- 8. Products and/or parts not manufactured by M.F.E. are subject to their own manufacturer's warranty conditions.**

WARRANTY CONSIDERATION IS ONLY VALID WHEN THE WARRANTY REGISTRATION FORM HAS BEEN RECEIVED BY MARKET FARM EQUIPMENT.

WARRANTY REGISTRATION

MARKET FARM EQUIPMENT LIMITED
71796A BLUEWATER HIGHWAY, ONTARIO, CANADA, N0M 1N0
Fax: 519-238-6044 E-mail: mfeltd@execulink.com

Purchaser's warranty protection on this equipment is valid only when this registration form is completed by the purchaser and returned to Market Farm Equipment Limited.

Date of purchase: _____

Type of equipment: _____

Model number: _____ Serial number: _____

PURCHASER'S SIGNATURE INDICATES:

- Acceptance of equipment, fully assembled () unassembled ()
- Receipt of operator's manual
- Clear understanding of warranty
- Receipt of instructions on special safety equipment available
- Receipt of instructions on safe and proper operating procedures

PURCHASER:

Name: _____

Signature: _____

Mailing Address: _____

Prov./State: _____ Postal/Zip Code: _____

Telephone number: _____

Purchased from: _____

THIS WARRANTY MUST BE VALIDATED BY THE MANUFACTURER

It is valid only when a copy of the registration has been received by the manufacturer at address shown.

SAFETY INFORMATION

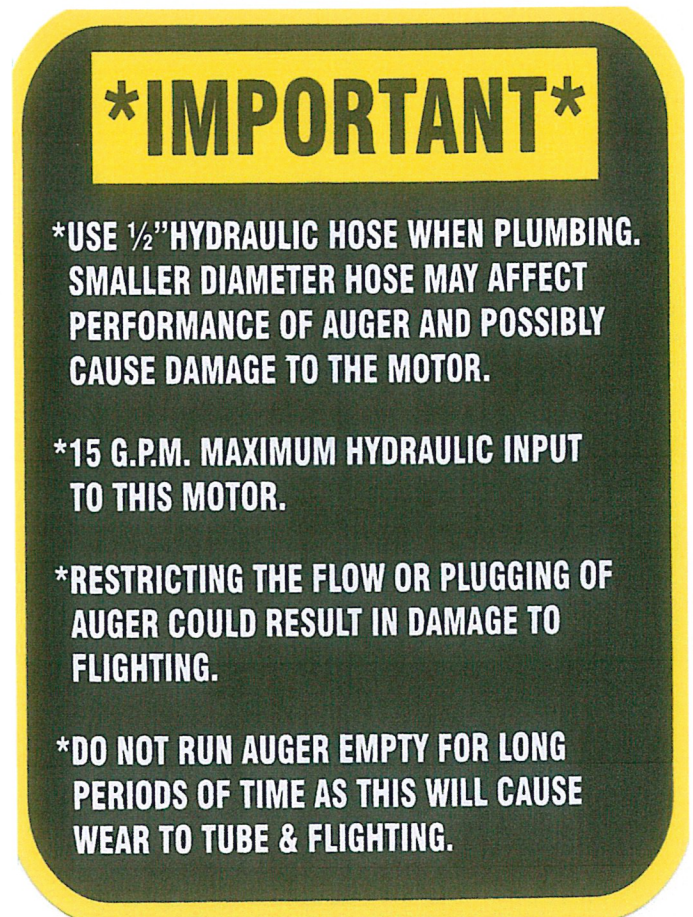
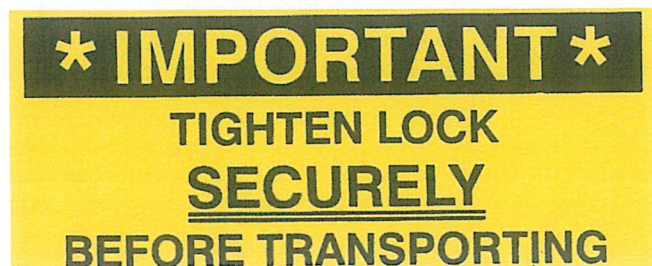
- Before using auger READ and UNDERSTAND SAFETY INSTRUCTIONS.
- After hydraulic lines are connected, run auger empty to ensure the flighting is rotating in the proper direction. (if ran backwards, damage may occur)
- Auger should be empty when moving or transporting.
- Hydraulic oil leaking under pressure can cause injury. Make sure all hydraulic connections are tight. Before disconnecting hydraulic lines, relieve pressure.
- Do not adjust, clean or service auger while it is running.
- Keep all safety shields in place. Replace any safety decals that become lost or damaged.
- Do not operate the auger in a manner that it was not intended for.
- When transporting, always keep auger in its lowest position.

HYDRAULIC SYSTEM OPERATING RESTRICTIONS

MAXIMUM FLOW – 20 G.P.M. MAXIMUM PRESSURE – 2500 P.S.I.

MAXIMUM FLOW AND MAXIMUM PRESSURE conditions MUST NOT occur simultaneously. Damage will occur and warranty will be void. Use only ½" hydraulic hose when plumbing. Smaller hose will create heat that will burn out the hydraulic motor and warranty will be void.

Do not tee into hydraulic lift cylinders on planters or drills.



SINGLE AUGER SEED-FILL MOUNTING INSTRUCTIONS FOR KINZE 3500 ASD



- 1: Remove bolts on the bottom of the hand rails.
- 2: Attach frame weldment between catwalk and hand rails using longer 3/8" bolts & lock nuts (supplied).
- 3: Using the two pre-drilled holes on the frame weldment as a template, drill the 17/32" holes through the catwalk. Bolt using 1/2" bolts and lock nuts (supplied).
- 4: Tighten all nuts & bolts.
- 5: Position post and transport bracket 1/2" in from the ends of the frame weldment as shown in the picture. Attach with u-bolts (supplied) and tighten.
- 6: Remove the cap from the top of the post and slide swing arm onto post. Attach cap but do not tighten.

7: Clamp band positions are preset at the factory. Do not adjust. Mount auger. Remove lock collar from the bottom of the pivot clamp band and slide into the swing arm. Attach lock collar and tighten nut & bolt.

8: Attach hopper and downspout.

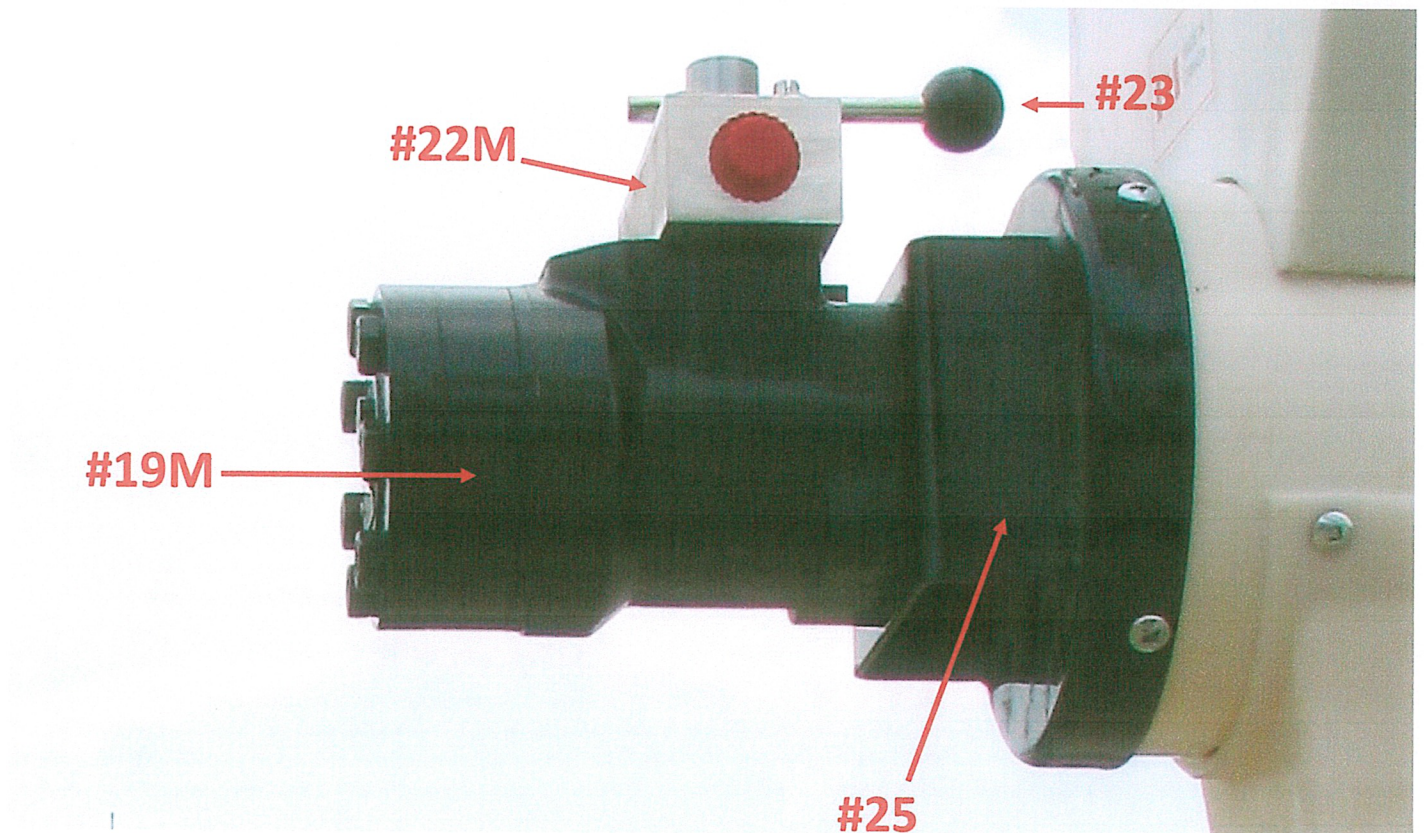
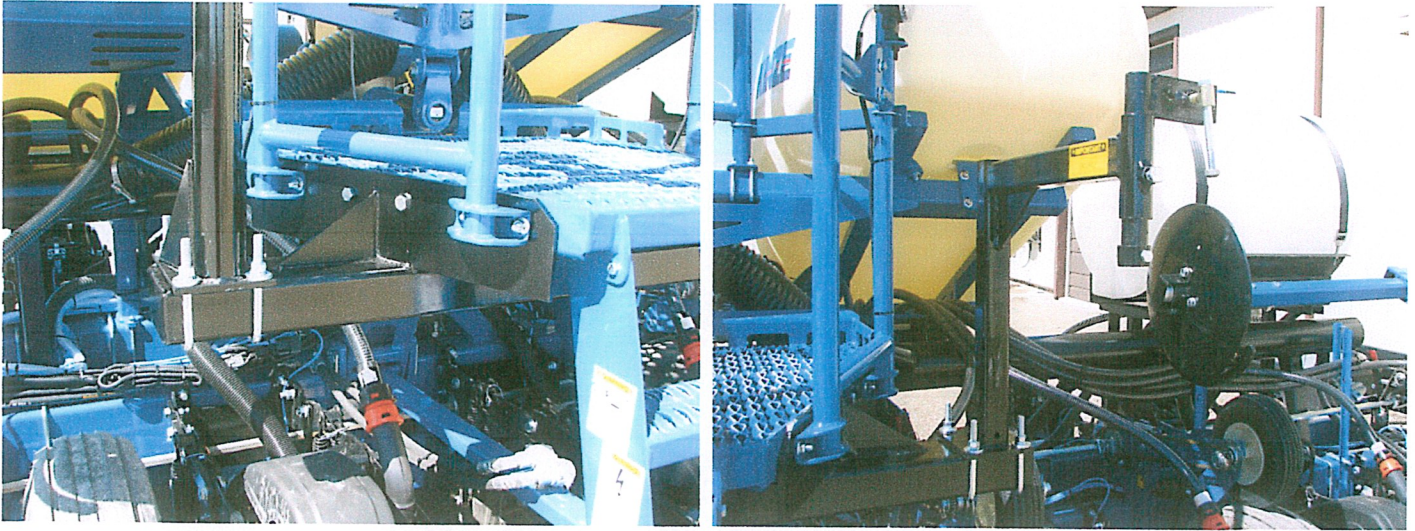
9: Swing auger in to transport position. The swing arm should be up against the stop pin on the post. Adjust the wedgelock tab receiver so that the tab on the bottom clamp band fits into it. Tighten 1/2" bolt to secure wedgelock tab receiver.

10: Swing auger into the filling position as shown below.



11: Position fill hopper to the left of the steps with the spout in the center of the two seed hoppers. This should allow you to climb up onto the catwalk. Make sure you have access to the hopper lids and that the downspout reaches both hoppers. Once you have your proper fill position, turn the cap on the top of the post so that the pin comes up against the swing arm. Tighten bolt.

12: Check and make sure all nuts & bolts are tight.



SINGLE AUGER SEED-FILL PARTS LIST

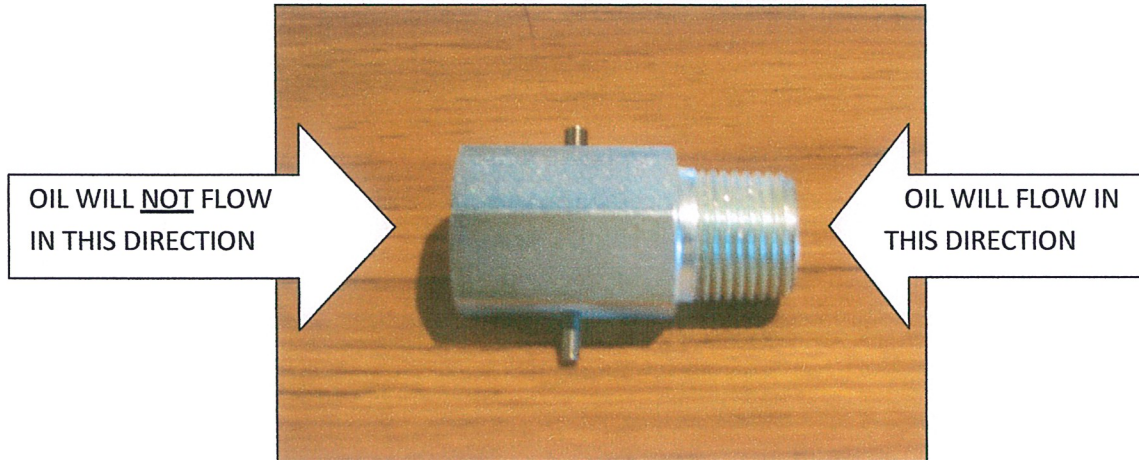
REF#	PROD. #	DESCRIPTION
1	1485	9 ½" UHMW PLASTIC SLEEVE (NOT SHOWN)
2	564	SWING ARM
3		FRAME WELDMENT
5	1175	LOCK BOLT ASSEMBLY
6	783B	UHMW PLASTIC WASHER
7		POST
9	956	WEDGELOCK RECEIVER
10	842	TRANSPORT BRACKET
19M	395	6 CU. INCH MOTOR (MANIFOLD MOUNT)
22M	117	VALVE (MANIFOLD MOUNT)
23	581	VALVE HANDLE C/W KNOB
25	198	6" MOTOR PLATE
26	613	6" PLASTIC AUGER SPOUT C/W SCREWS
27	148X4	DOWNSPOUT
27A	149	6" HOSE CLAMP
28	552	4" WIDE ½ CLAMP BAND
29	955	PIVOT ½ CLAMP BAND (COMPLETE ASSEMBLY INCLUDES #29 & #28)
31	762	WEDGELOCK ½ CLAMP BAND C/W TAB (COMPLETE ASSEMBLY INCLUDES #31 & #28)
32	1203	HOPPER STOP
33	193	6" PVC TUBE (RAW)
34CP	742	5" CUPPED PLASTIC FLIGHTING specify length
34S	834	6" CUPPED STEEL FLIGHTING specify length
35	546	6" VERTICAL AUGER HOPPER ASSEMBLY
35A	549	6" VERTICAL AUGER HOPPER CLAMP BAND
35B	548	6" VERTICAL AUGER HOPPER SAFETY GRILLE
NUTS & BOLTS SOLD SEPERATELY		

****U-BOLTS/BOLTS** specify make & model # of seed drill

OPTIONAL VALVES FOR HYDRAULIC AUGERS

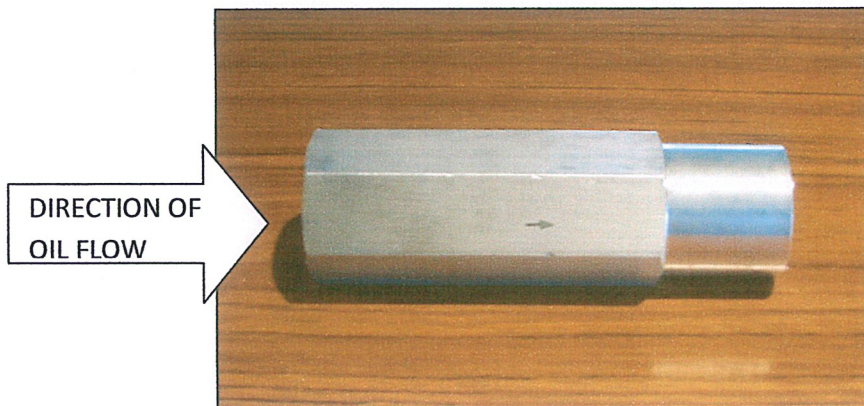
Note: These optional valves do not replace the shut-off valve on the auger.

A directional valve fitting can be installed to restrict the auger from running in the reverse direction. This valve should be installed on the return line, between the valve on motor and the tractor. Thread is $\frac{1}{2}$ " NPT. **RECOMMENDED FOR AUGERS THAT SHOULD NOT BE RUN IN REVERSE, AS IT MAY CAUSE DAMAGE TO THE FLIGHTING.**



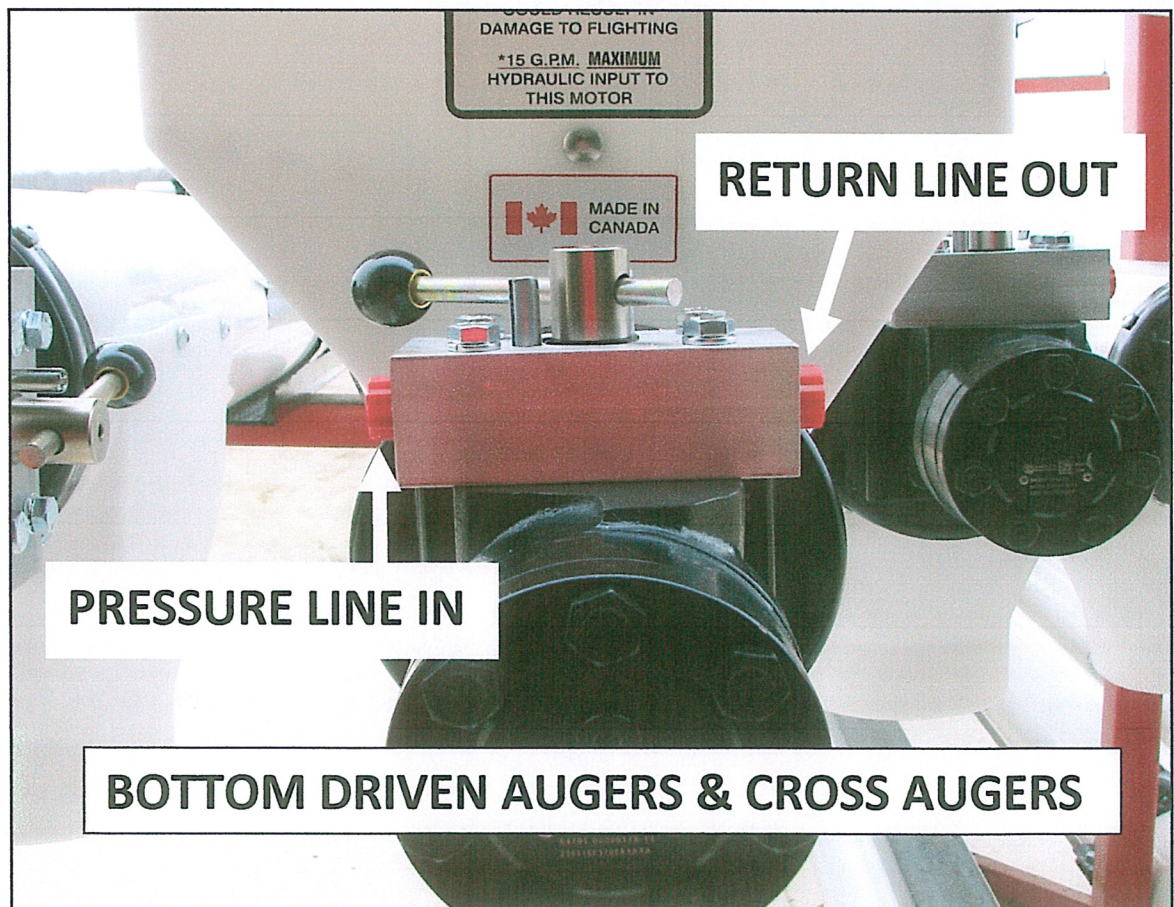
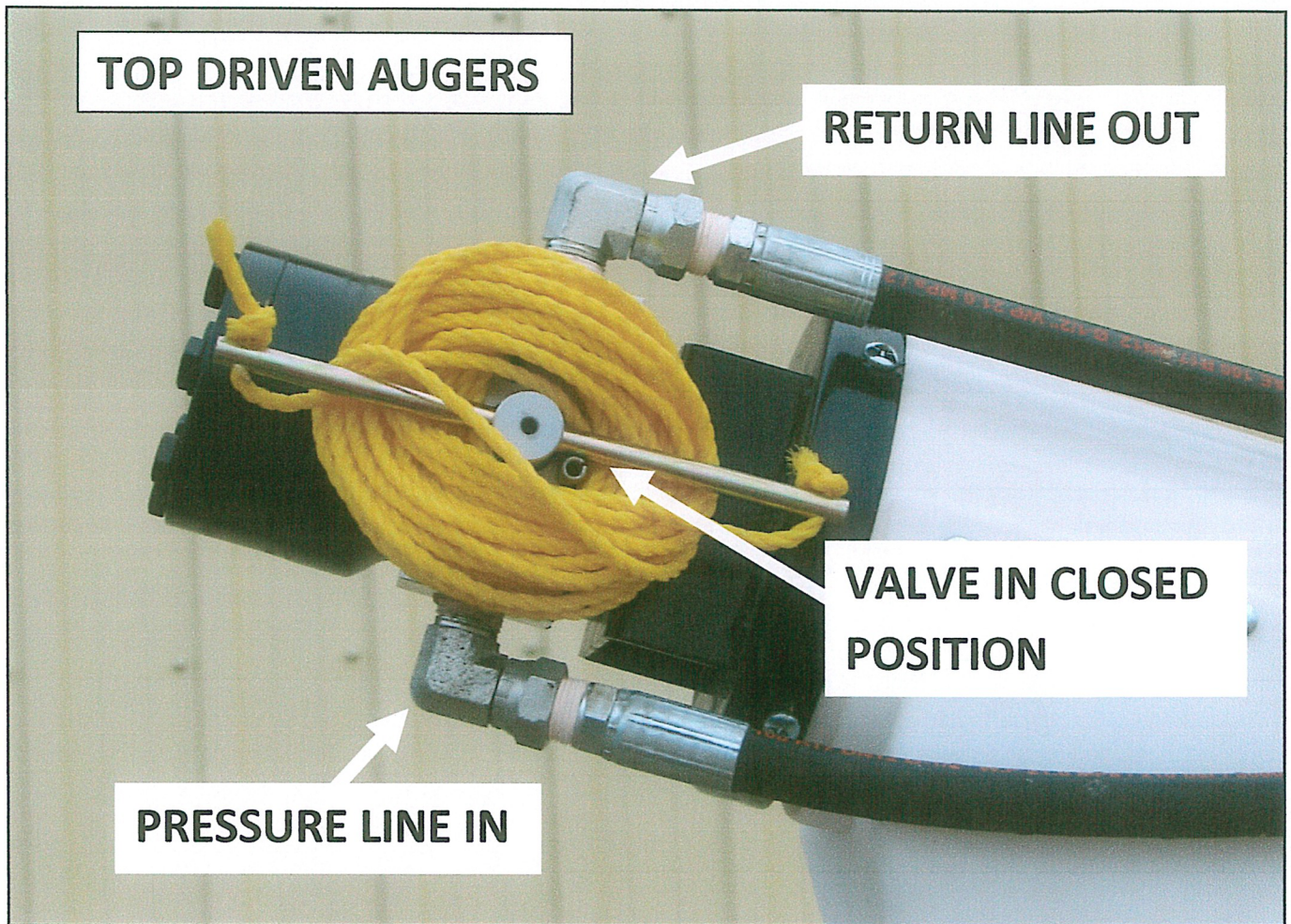
An in-line, pressure compensated, nonadjustable flow regulator valve is available for CLOSED CENTER HYDRAULIC SYSTEMS. In the controlled direction, this regulator will maintain a constant flow rate of 10 GPM. This valve should be installed on the pressure line, between the tractor and the valve on motor. Thread is $\frac{3}{4}$ " NPTF (must be reduced to $\frac{1}{2}$ "

RECOMMENDED FOR AUGERS OPERATED BY LARGER TRACTORS WITH LARGER HYDRAULIC OUTPUT.



Augers operate best at 10-12 GPM & 1200-1500 PSI.

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IMPORTANT OPERATING INSTRUCTIONS

- 1: **NEVER LEAVE THE DOWNSPOUT (TELESCOPING OR FLEX) UNATTENDED WHILE THE AUGER IS RUNNING. IF IT IS NECESSARY TO LEAVE THE DOWNSPOUT, SHUT AUGER OFF.**
- 2: **NEVER HOLD THE DOWNSPOUT (TELESCOPING OR FLEX) DOWN TOO LOW. THE MATERIAL CAN BUILD UP AND PLUG THE DISCHARGE. PLUGGING AND DAMAGE TO FLIGHTING CAN OCCUR QUICKLY. TO AVOID COSTLY DOWNTIME AND REPAIR COSTS ALWAYS BE AWARE OF HOW FULL YOUR SEED/FERTILIZER HOPPERS ARE GETTING WHILE FILLING.**
- 3: **NEVER EXCEED THE MAXIMUM 15 G.P.M. HYDRAULIC INPUT. MOST AUGERS REQUIRE 9-12 GPM AT 1200-1500 PSI TO RUN PROPERLY.**
- 4: **NEVER RUN AUGER EMPTY FOR LONG PERIODS OF TIME AS THIS WILL CAUSE WEAR TO THE TUBE & FLIGHTING.**
- 5: **OPTIONAL FLOW REGULATOR VALVES (10 GPM MAX.) AND DIRECTIONAL VALVES ARE AVAILABLE.**
- 6: **OPTIONAL ELECTRIC SOLENOID VALVES ARE AVAILABLE WITH CABLE OR REMOTE SHUT-OFF/ON FEATURES.**

PLEASE READ ALL SAFETY/IMPORTANT DECALS ON THE AUGER. UNDERSTANDING THE AUGERS REQUIREMENTS AND PROPER USE WILL ENSURE A LONG AND TROUBLE FREE LIFE FOR THE AUGER.

IMPORTANT

YOUR AUGERS DOWNSPOUT SHOULD NEVER BE SET DOWN OR LEFT UNATTENDED WHILE THE AUGER IS RUNNING.

MATERIAL CAN BUILD UP QUICKLY CAUSING THE DOWNSPOUT AND AUGER TO PLUG. THIS CAN DAMAGE THE AUGERS FLIGHTING AND MOTOR.

ALWAYS TURN AUGER OFF BEFORE LEAVING THE DOWNSPOUT TO ATTEND TO OTHER MATTERS.

