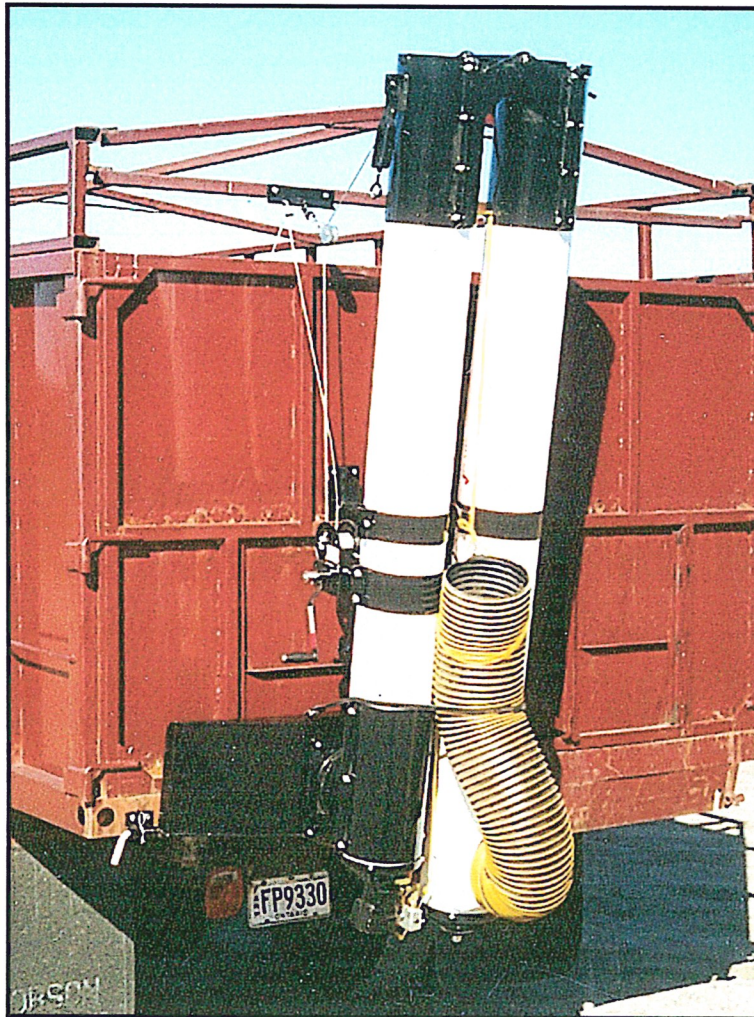




**OPERATOR'S MANUAL
SET-UP INSTRUCTIONS
&
PARTS LIST**

PLASTIC FOLDING TRUCK AUGER



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 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.

MARKET FARM EQUIPMENT LIMITED

EXPRESS WARRANTY

Market Farm Equipment Limited warrants against defects in construction and materials for a period of ONE year. We reserve the right to inspect and decide whether material or construction was faulty, or whether abuse or accident voids our guarantee.

This warranty does not cover a component which fails, malfunctions or is damaged as a result of (I) improper modification or repair, (II) accident, abuse or improper use, including loading beyond the specified maximum weights and requirements (III) improper or insufficient maintenance, or (IV) normal wear and tear.

THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES OR CONDITIONS, EXPRESS, IMPLIED OR STATUTORY, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

In no way shall Market Farm Equipment Limited be liable for special, direct, incidental or consequential damages of any kind, including but not limited to labour charges.

The exclusive remedy under this warranty shall be repair or replacement of the defective component at Market Farm Equipment Limited's option. This is the entire agreement between Market Farm Equipment Limited and the owner about warranty. NO M.F.E. Ltd. employee or dealer is authorized to make additional warranty on behalf of Market Farm Equipment Limited.

(Fill in the following for future reference)

Serial number: _____

Date of purchase: _____

Purchased from: _____

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

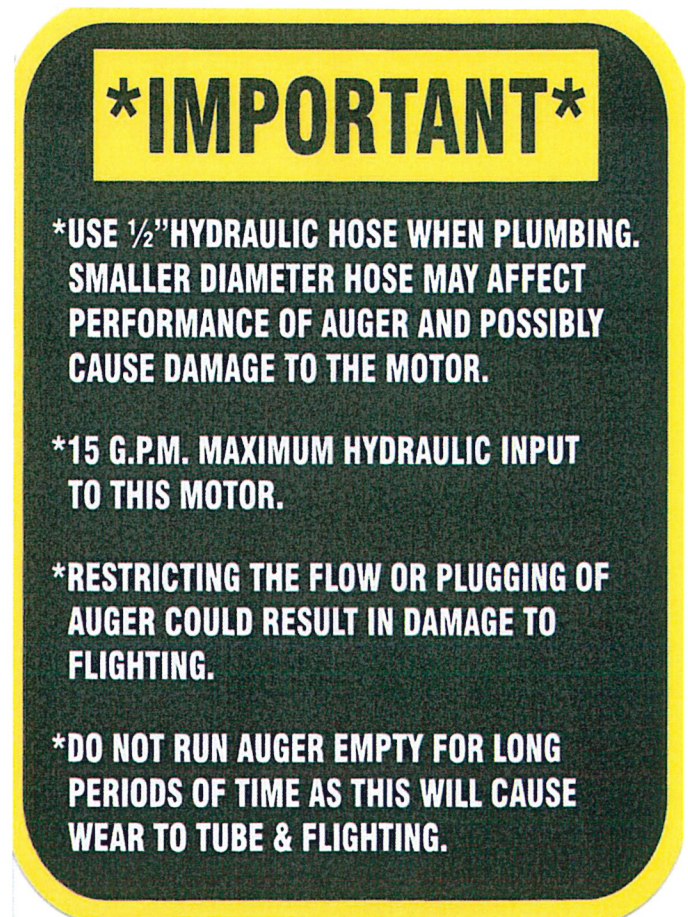
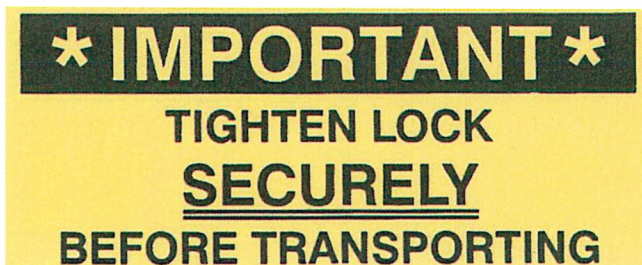
- Before using auger READ and UNDERSTAND SAFETY INSTRUCTIONS.
- After hydraulic lines are connected, run auger empty to ensure the flighting is rotating in the proper direction. (if ran backwards, damage may occur)
- Auger should be empty when moving or transporting.
- Hydraulic oil leaking under pressure 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.

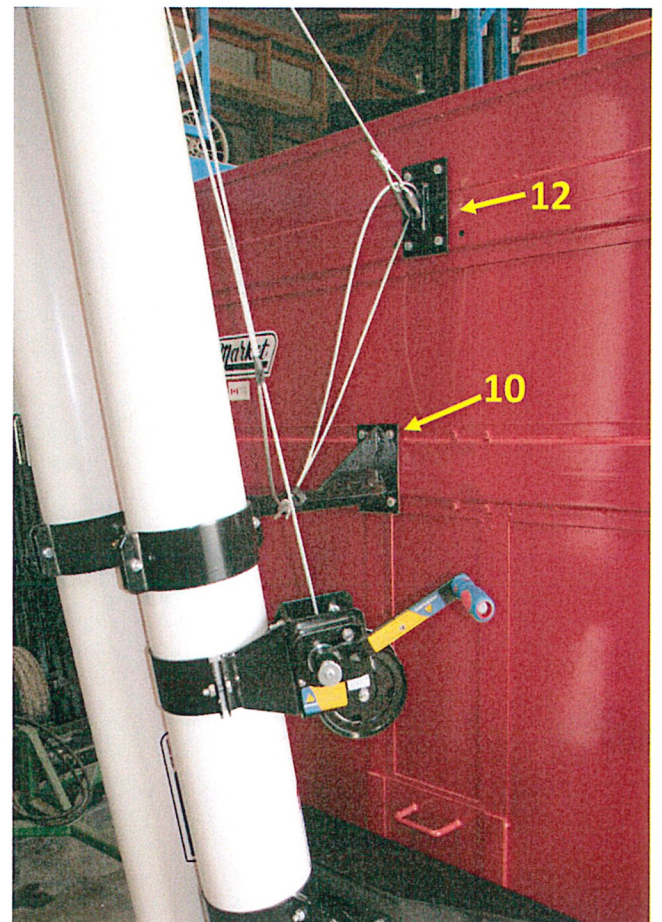
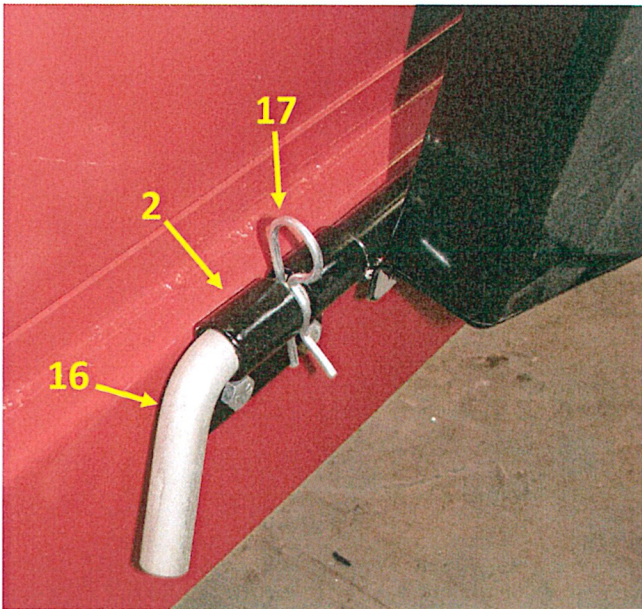
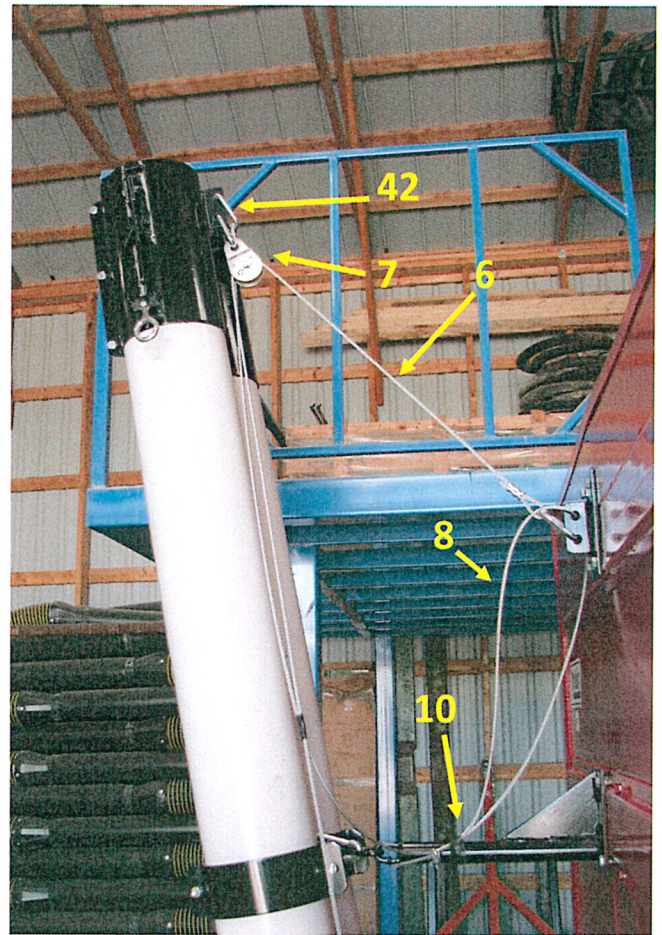


INSTRUCTIONS FOR MOUNTING
PLASTIC FOLDING TRUCK AUGER

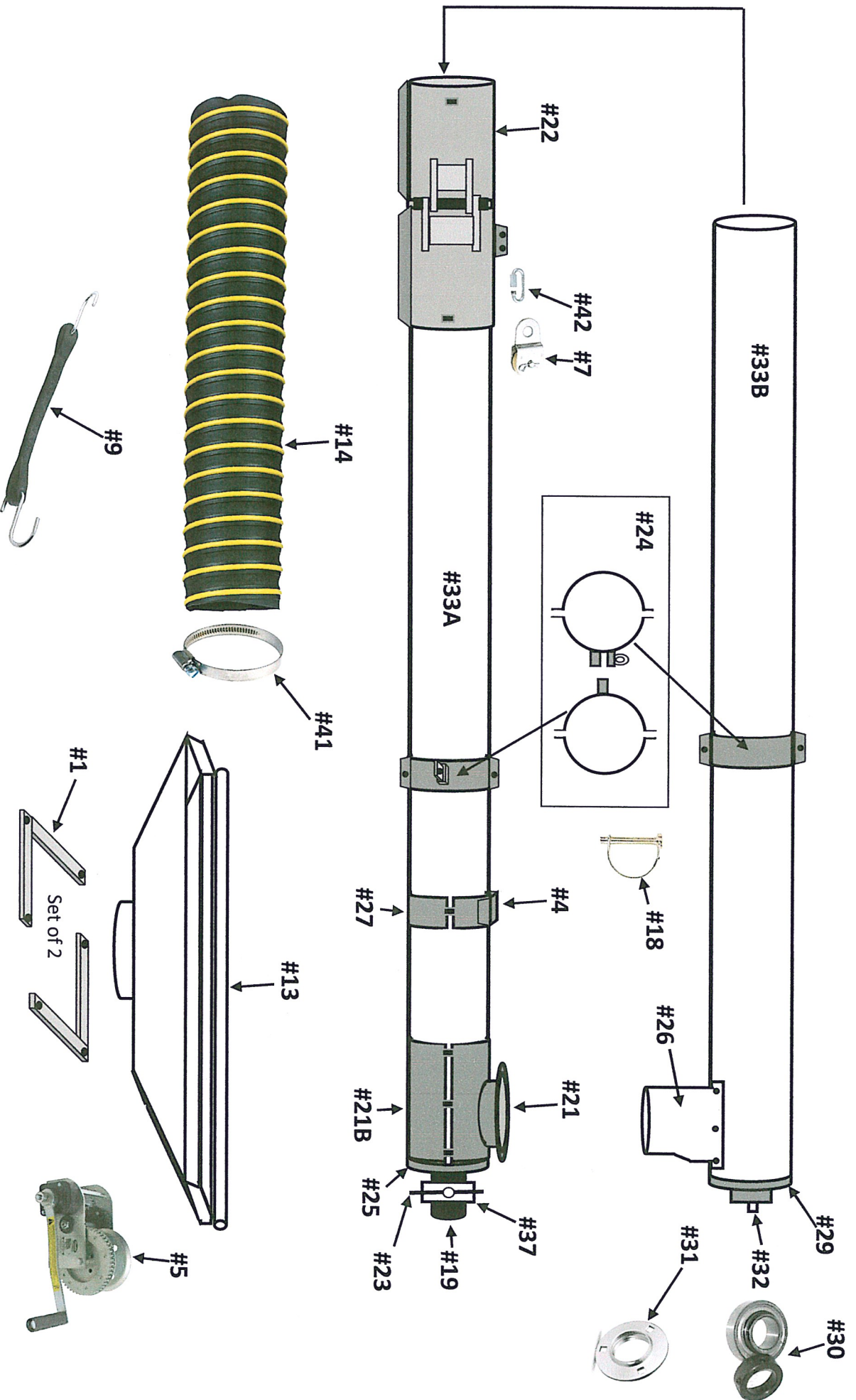
- 1.** Locate truck mounting brackets (2) on rear of truck bed so hopper (13) will fit between them at door location on tailgate, drill holes and attach using 4 - 3/8" x 1 1/4" bolts and nuts.
- 2.** Place hopper in position (between mounting brackets) and install UP-12 (16) bent pins. Secure with cotter pins (17).
- 3.** Locate auger hopper inlet (21) so that it goes over flange ring on bottom of hopper. Using the retainer frames (1) and positioned so the spacers face upwards (against the hopper), bolt the hopper to the auger using 4 - 3/8" x 1" bolts and nuts.
- 4.** Bolt winch to auger (winch bracket is pre - set on auger tube) using 2 - 3/8" X 1" bolts, nuts & flat washers.
- 5.** Mount winch cable bracket (12) and backer plate (41) using 2 - 3/8" x 1 1/4" bolts and nuts, centered near top of tailgate. Thread one end of 8' safety cable (8) through hole in winch cable bracket and secure with 3/16" cable clamp (28). Loop other end of safety cable to desired length and secure with 3/16" cable clamp (28).
- 6.** Attach loop of winch cable (6) to quick link (42) and attach to hole on winch cable bracket. Thread cable through pulley (7) mounted on auger with quick link (42) and down to winch and attach with wire rope (cable) keeper.
- 7.** Fold auger and winch up towards truck. Mount transport bracket (10) so that support clip is directly across from the chain link on the auger tie strap. Drill holes. Place backer plate (11) on inside of tailgate and attach to transport bracket using 4 - 3/8" x 1 3/4" bolts & nuts.
- 8.** Attach downspout (14) using hose clamp (27B).
- 9.** Install valve handle (23), attach control rope (15) and thread through welded loops on hinge.
- 10.** Use rubber tarp strap (9) to secure downspout in transport position.
- 11.** Use only 1/2" hydraulic hose when plumbing.
- 12.** Do not lead auger by telescopic downspout as it may cause stress on flexible piece.

NOTE: MOUNTING INSTRUCTIONS FOR TRUCK AUGER ON A GRAVITY BOX

To mount hopper on gravity box measure between angle irons of door. Deduct 1/2" from total measurement. Cut round pipe on top of hopper to measurement. Use "L" brackets to mount hopper. There is a left & right bracket. Round edge goes to outside.



PLASTIC FOLDING TRUCK AUGER



6" FOLDING TRUCK AUGER PARTS LIST

<u>REF#</u>	<u>DESCRIPTION</u>	<u>(# PRODUCT CODE)</u>
1	PICTURE FRAME (SET OF 2) (#699)	
2	TRUCK HOPPER MOUNTING BRACKETS (SET OF 2) (#176)	
4	½ CLAMP BAND (WINCH MOUNT)	(#4, & #27 FOR A COMPLETE ASSEMBLY) (#1156)
5	BRAKE WINCH (#459)	
6	3/16" X 14' WINCH CABLE (#284)	NOT SHOWN
7	2" PULLEY (#531)	
8	3/16" X 8' SAFETY CABLE (#494)	NOT SHOWN
9	21" RUBBER TARP STRAP (#601)	
10	TRANSPORT BRACKET	(#10 & #11 FOR A COMPLETE ASSEMBLY) (#939)
11	TRANSPORT BRACKET BACKER PLATE	
12	WINCH/SAFETY CABLE BRACKET C/W BACKER PLATE (#155)	
13	SWIVEL HOPPER (#495)	
14	4'X 6" DOWNSPOUT (#148)	OPTIONAL TELESCOPIC DOWNSPOUT NOT SHOWN
15	22' CONTROL ROPE (#102)	NOT SHOWN
16	12" X 3/4" BENT PIN	(#16 & #17 FOR A COMPLETE ASSEMBLY)
17	COTTER PIN	
18	3/8" PTO PIN (#578)	
19	6 CU. INCH MANIFOLD MOTOR (#395)	
21	6" SWIVEL INLET TOP	(#21 & #21B FOR A COMPLETE ASSEMBLY) (#538)
21B	6" SWIVEL INLET BOTTOM	(#21 & #21B FOR A COMPLETE ASSEMBLY) (#538)
22	6" HINGE ASSEMBLY (#543)	
23	H-8 VALVE HANDLE (#580)	
24	6" TIE BRACKET ASSEMBLY (#1172)	
25	6" PFTA MOTOR PLATE (#1578)	
26	6" PLASTIC AUGER SPOUT (#613)	
27	½ - 6" CLAMP BAND (#181)	
28	3/16" CABLE CLAMP FOR SAFETY CABLE (#108)	NOT SHOWN
29	6" BEARING PLATE (#535)	
30	1" BEARING C/W LOCK COLLAR (#585)	
31	FLANGETTES (SET OF 2) (#698)	
32	T-114 BEARING SHAFT (#106)	PLASTIC FLIGHTING ONLY
33A	6" PLASTIC LOWER TUBE (RAW) (#193)	SPECIFY LENGTH
33B	6" PLASTIC UPPER TUBE (RAW) (#193)	SPECIFY LENGTH
34A	6" LOWER FLIGHTING	SPECIFY LENGTH & TYPE OF FLIGHTING
34B	6" UPPER FLIGHTING	SPECIFY LENGTH & TYPE OF FLIGHTING
36	6" PLASTIC MODULE (#397)	
37	MANIFOLD MOUNT VALVE ½" NPT (#117)	
38	6" STAINLESS STEEL MOTOR COUPLER (#402)	PLASTIC FLIGHTING ONLY
39	6" PFTA DRIVE (MALE) (#39 & #40 FOR A SET) (#753)	PLASTIC FLIGHTING ONLY
40	6" PFTA DRIVE (FEMALE)	PLASTIC FLIGHTING ONLY
41	HS-96 HOSE CLAMP (#149)	
42	¼" QUICK LINK (#587)	
ALL NUTS & BOLTS SOLD SEPERATELY		

FLIGHTING STYLES: STRAIGHT BLADE PLASTIC, BRISTLE & CUPPED STEEL

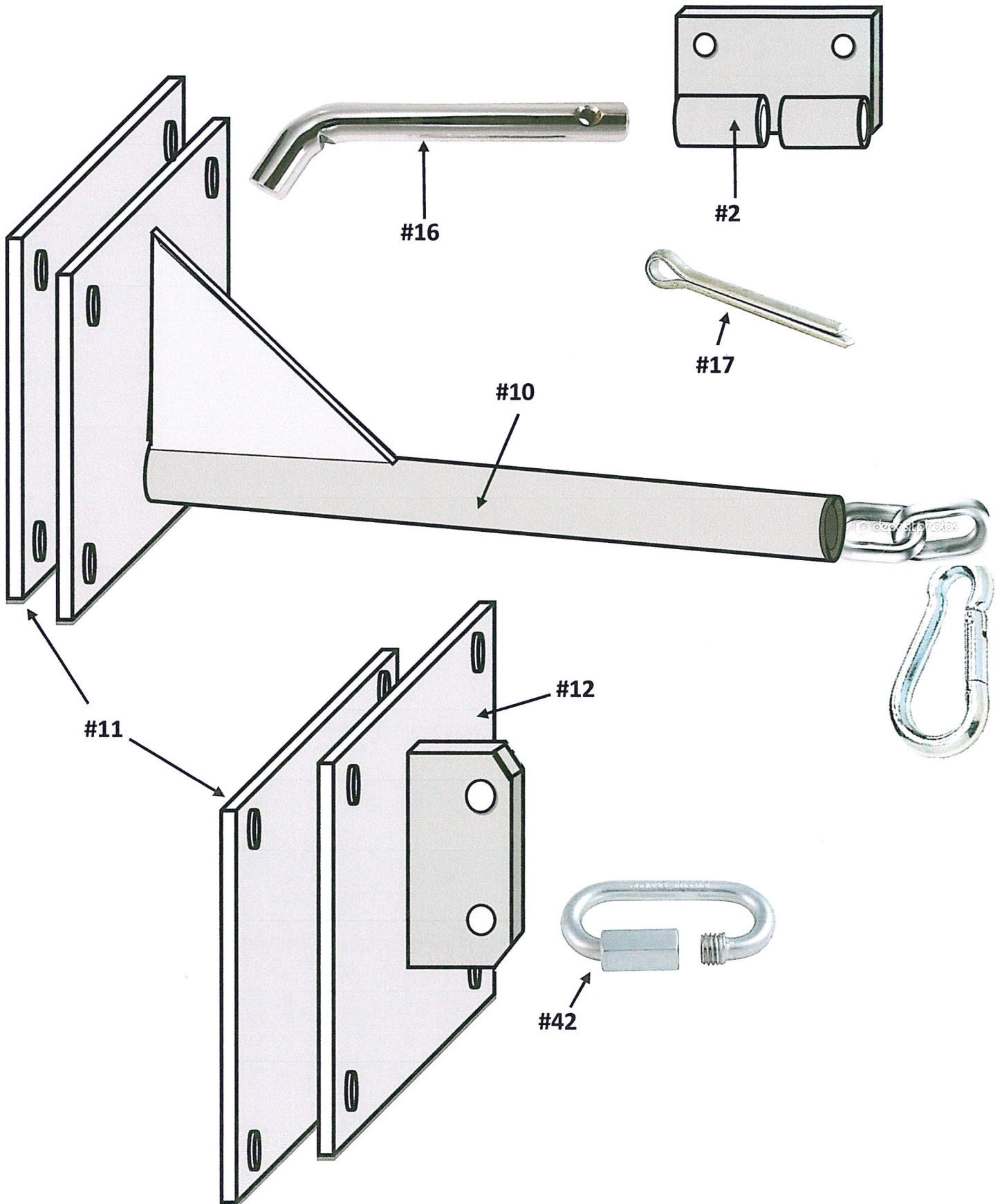
8" FOLDING TRUCK AUGER PARTS LIST

REF# DESCRIPTION (# PRODUCT CODE)

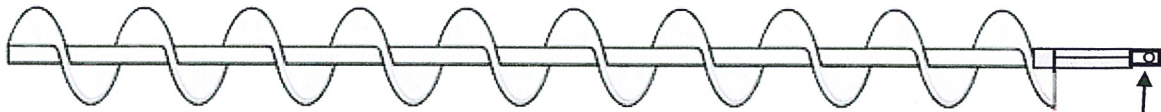
1	PICTURE FRAME (SET OF 2) (#699)	
2	TRUCK HOPPER MOUNTING BRACKETS (SET OF 2) (#176)	
4	½ CLAMP BAND (WINCH MOUNT)	(#4, & #27 FOR A COMPLETE ASSEMBLY) (#1156B)
5	BRAKE WINCH (#459)	
6	1/4" X 14' WINCH CABLE (#1565)	NOT SHOWN
7	2½" PULLEY (#376)	
8	1/4" X 8' SAFETY CABLE (#924G)	NOT SHOWN
9	21" RUBBER TARP STRAP (#601)	
10	TRANSPORT BRACKET	(#10 & #11 FOR A COMPLETE ASSEMBLY) (#939)
11	TRANSPORT BRACKET BACKER PLATE	
12	WINCH/SAFETY CABLE BRACKET C/W BACKER PLATE (#155)	
13	SWIVEL HOPPER (#495)	
14	4'X 8" DOWNSPOUT (#685)	OPTIONAL TELESCOPIC DOWNSPOUT NOT SHOWN
15	22' CONTROL ROPE (#102)	NOT SHOWN
16	12" X 3/4" BENT PIN	(#16 & #17 FOR A COMPLETE ASSEMBLY (#1171)
17	COTTER PIN	
18	3/8" PTO PIN (#578)	
19	6 CU. INCH MANIFOLD MOTOR (#395)	
21	8"SWIVEL INLET TOP	(#21 & #21B FOR A COMPLETE ASSEMBLY) (#745)
21B	8"SWIVEL INLET BOTTOM	(#21 & #21B FOR A COMPLETE ASSEMBLY) (#745)
22	8" HINGE ASSEMBLY (#746)	
23	H-8 VALVE HANDLE (#580)	
24	8" TIE BRACKET ASSEMBLY (#1172B)	
25	8" PFTA MOTOR PLATE (#1579)	
26	8" PLASTIC AUGER SPOUT (#928)	
27	½ - 8" CLAMP BAND (#522)	
28	1/4" CABLE CLAMP FOR SAFETY CABLE (#108B)	NOT SHOWN
29	8" BEARING PLATE (#1173)	
30	1" BEARING C/W LOCK COLLAR (#585)	
31	FLANGETTES (SET OF 2) (#698)	
32	T-8 BEARING SHAFT (#1075)	PLASTIC FLIGHTING ONLY
33A	8" PLASTIC LOWER TUBE (RAW) (#528)	SPECIFY LENGTH
33B	8" PLASTIC UPPER TUBE (RAW) (#528)	SPECIFY LENGTH
34A	8" LOWER FLIGHTING	SPECIFY LENGTH & TYPE OF FLIGHTING
34B	8" UPPER FLIGHTING	SPECIFY LENGTH & TYPE OF FLIGHTING
36	8" PLASTIC MODULE (#743)	
37	MANIFOLD MOUNT VALVE ½" NPT (#117)	
38	8" STEEL MOTOR COUPLER (#1145)	PLASTIC FLIGHTING ONLY
39	8" PFTA DRIVE (MALE) (#39 & #40 FOR A SET) (#837)	PLASTIC FLIGHTING ONLY
40	8" PFTA DRIVE (FEMALE)	PLASTIC FLIGHTING ONLY
41	HS-128 HOSE CLAMP (#779)	
42	5/16" QUICK LINK (#587B)	
ALL NUTS & BOLTS SOLD SEPERATELY		

FLIGHTING STYLES: STRAIGHT BLADE PLASTIC, BRISTLE & CUPPED STEEL

TRUCK AUGER PARTS



PLASTIC AUGER FLIGHTING



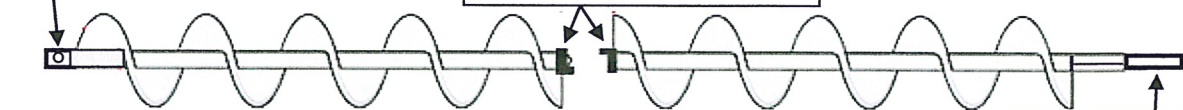
***GRAVITY BOX AUGER, TRANSPORT AUGER STYLE**

*WHEN ORDERING REPLACEMENT LENGTHS ALWAYS MEASURE OVERALL LENGTH & DIAMETER (TIP TO TIP)

(#402) 5" & 6" MOTOR COUPLER
(#1317) 7" MOTOR COUPLER
(#1145) 8" MOTOR COUPLER

MOTOR COUPLER

MALE/FEMALE DRIVE SET
SPECIFY 6" OR 8"

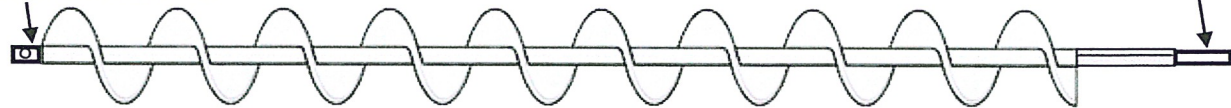


***FOLDING TRUCK AUGER STYLE**

*WHEN ORDERING REPLACEMENT LENGTHS, ALWAYS MEASURE OVERALL LENGTHS & DIAMETER OF BOTTOM SECTION & TOP SECTION SEPERATELY (TIP TO TIP)

(#607) 6" BEARING SHAFT
(#1075) 8" BEARING SHAFT

MOTOR COUPLER



***CROSS AUGER STYLE**

*WHEN ORDERING REPLACEMENT LENGTHS, ALWAYS MEASURE OVERALL LENGTH & DIAMETER (TIP TO TIP)



6" (5-5/8") DIA. STRAIGHT BLADE

(#397) PLASTIC MODULE
(4.75" LONG)

5" DIA. CUPPED BLADE

(#525) PLASTIC MODULE
(4" LONG)

8" (7-1/2") DIA. STRAIGHT BLADE

(#743) PLASTIC MODULE
(7.375" LONG)

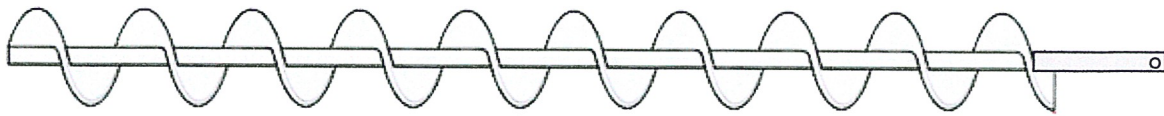
7" DIA. CUPPED BLADE

(#1236) PLASTIC MODULE
(5.75" LONG)

5" CUPPED, 7" CUPPED & 8" STRAIGHT FLIGHTINGS HAVE GUSSETED MODULES AT THE TOP & BOTTOM. PLEASE SPECIFY WHEN ORDERING IF GUSSETED MODULES ARE REQUIRED.

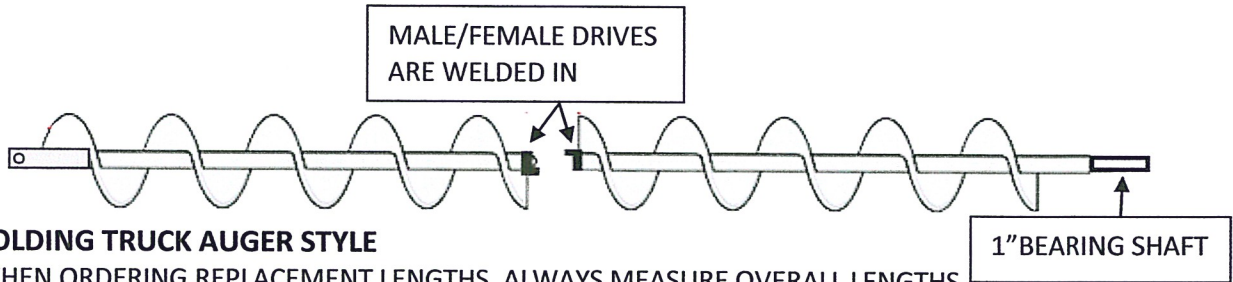


CUPPED STEEL & BRISTLE AUGER FLIGHTING



***GRAVITY BOX AUGER, TRANSPORT AUGER STYLE**

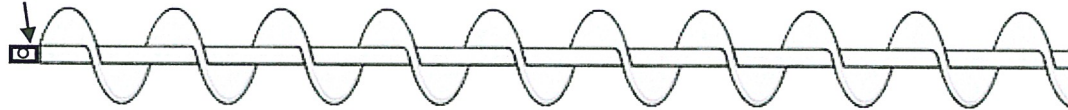
***WHEN ORDERING REPLACEMENT LENGTHS ALWAYS MEASURE
OVERALL LENGTH & DIAMETER (TIP TO TIP)**



***FOLDING TRUCK AUGER STYLE**

***WHEN ORDERING REPLACEMENT LENGTHS, ALWAYS MEASURE OVERALL LENGTHS
& DIAMETER OF BOTTOM SECTION & TOP SECTION SEPERATELY (TIP TO TIP)**

MOTOR COUPLER WELDED ON



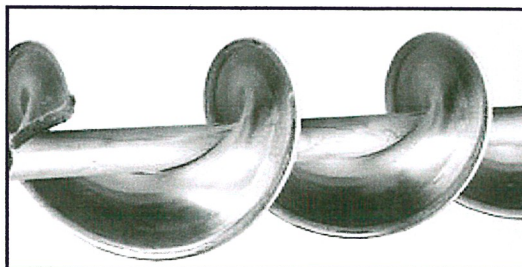
***SEED FILL CROSS AUGER STYLE (BRISTLE FLIGHTING ONLY)**

***WHEN ORDERING REPLACEMENT LENGTHS, ALWAYS MEASURE OVERALL LENGTH & DIAMETER
(TIP TO TIP)**

CUPPED STEEL FLIGHTING

6" (5-5/8") DIAMETER

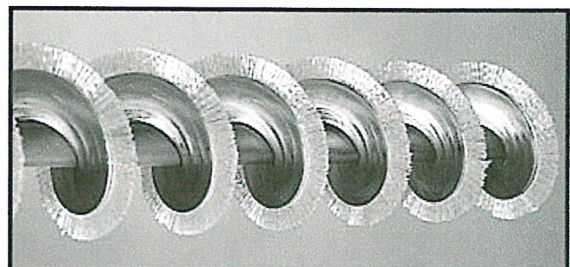
8" (7-1/2") DIAMETER



BRISTLE TIP FLIGHTING

6" (5-5/8") DIAMETER

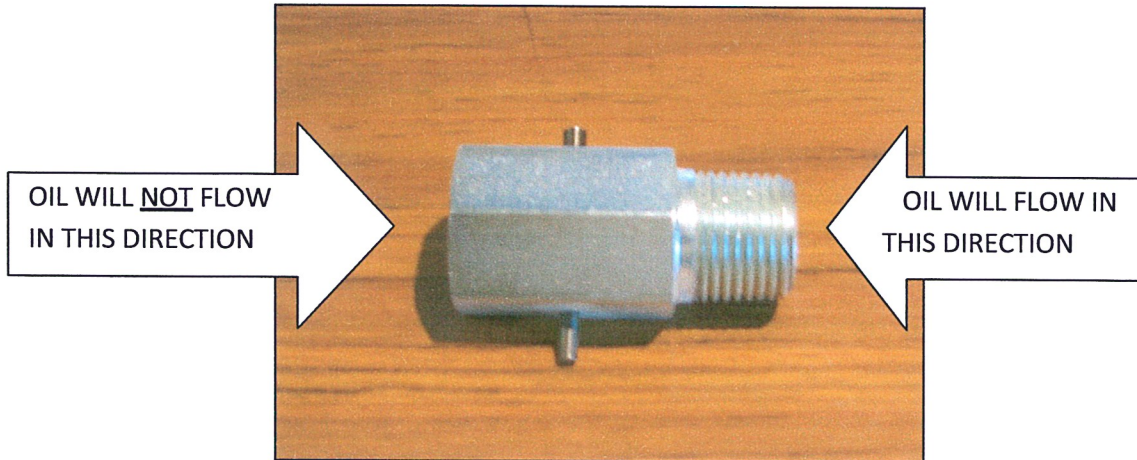
8" (7-5/8") DIAMETER



OPTIONAL VALVES FOR HYDRAULIC AUGERS

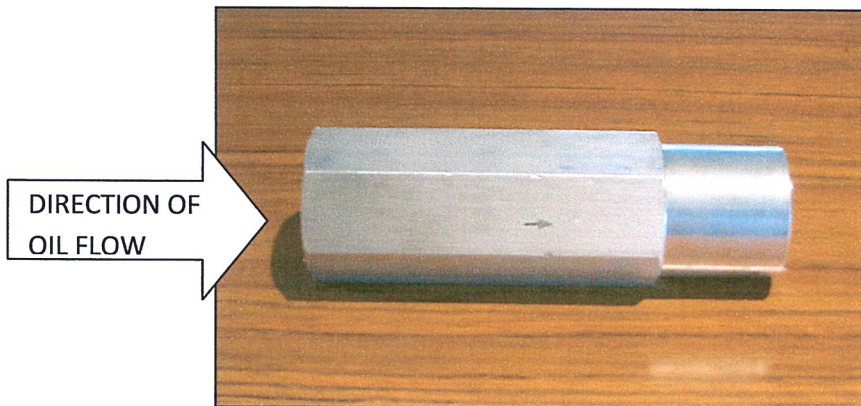
Note: These optional valves do not replace the shut-off valve on the auger.

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.

Market Farm Equipment Ltd. RR# 1 Dashwood, Ontario, Canada N0M 1N0
E-Mail mfeltd@execulink.com Web-Site www.marketfarmequipment.com

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.

