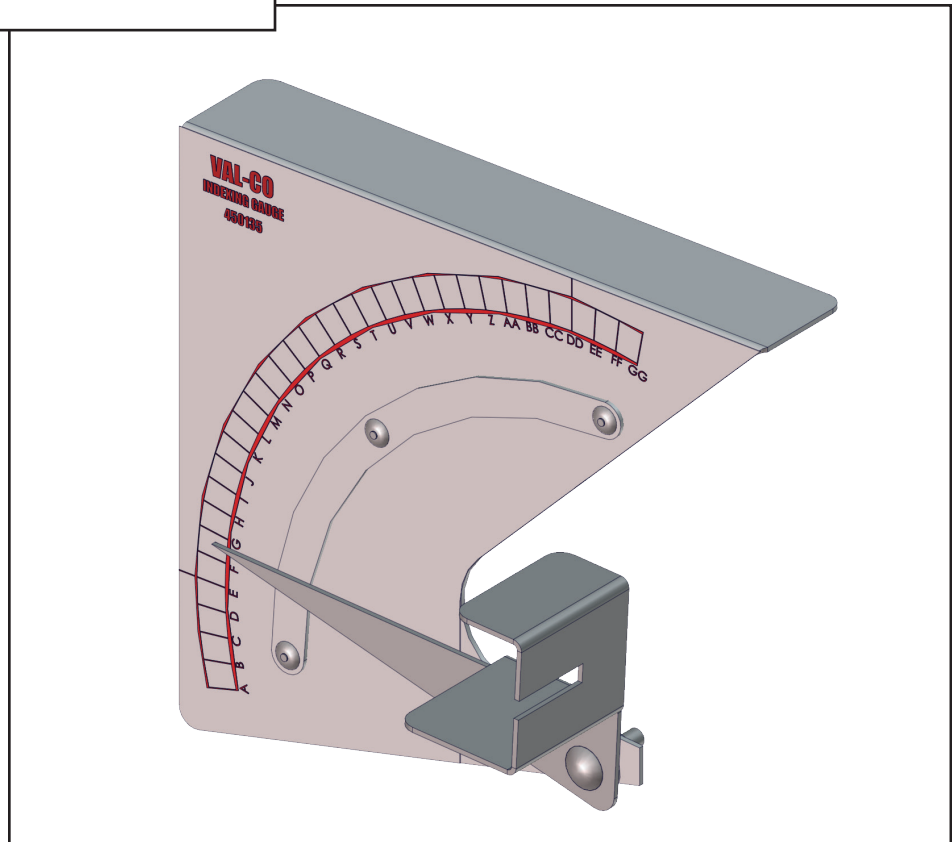
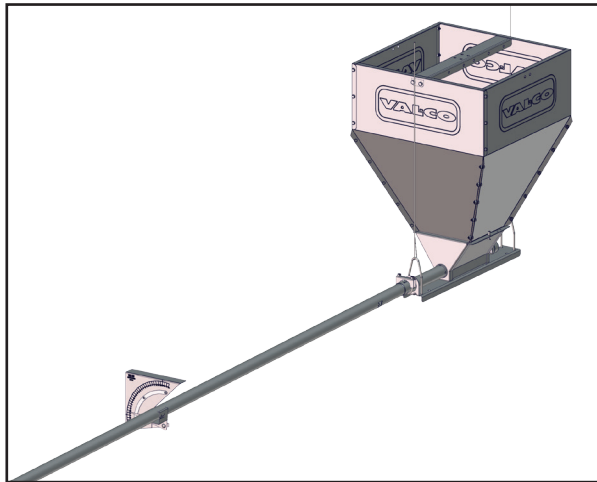




# TUBE INDEXING GAUGE 450135 Programming / Indexing Instructions



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# VAL PRODUCTS, INC. PRODUCT WARRANTIES

## VAL-CO® MANUFACTURED PRODUCTS OTHER THAN EXTENDED WARRANTY PRODUCTS

Val Products, Inc. (Val Products) warrants to the original purchaser that Val Products' manufactured products (other than the products subject to an extended warranty set forth below) will be free of defects in material and workmanship for a period of one (1) year from and after the date of original purchase and when used in a usual and customary fashion. If Val Products is notified that such a defect exists within one year of the original purchase date and, upon inspection, agrees that the product is defective, Val Products will, at its option, (a) repair or replace (FOB Val Products' plant) the defective product, or (b) refund to the original purchaser the original purchase price paid for the defective product less any installation, shipping, or other charges associated with the original purchase. All defective products must be returned to a Val Products designated location for evaluation. Val Products' determination as to whether the product is defective is final. See the General Conditions and Limitations set forth below.

## VAL-CO Standard Plus Extended Warranties

<u>Product</u>	<u>Normal Warranty Coverage Period(1)</u>	<u>Extended Limited Warranty Coverage Period(2)</u>	<u>Total Warranty Coverage Period(3)</u>
VR & VBL Series Drinkers	5 Years	5 Years	10 Years
VQ, VA, & VB-BN Series Drinkers	2 Years	3 Years	5 Years
Roll Formed Tube	3 Years	7 Years	10 Years
Coreless Auger (Moisture Content less than 18%)	3 Years	7 Years	10 Years
Fuze® ProLine Feeder Pans	2 Years	3 Years	5 Years
Fiberglass Fan Housings	Lifetime(4)	N/A	Lifetime(4)
Aluminum Fan Blades	Lifetime(4)	N/A	Lifetime(4)
Fan Motors	2 Years(5)	N/A	2 Years(5)
"Z" Fan Housings	7 Years (6)	N/A	7 Years (6)

### Explanations/Conditions of above listed footnotes for VAL-CO warranties:

- (1) "Normal warranty coverage period" is subject to the conditions of VAL-CO's standard one year warranty policy.
- (2) "Extended limited warranty coverage" will be provided at a charge rate of 50% off the VAL-CO List Price for an item at the time the warranty claim is made known to the company in writing, and is subject to VAL-CO's standard warranty policy conditions and limitations.
- (3) "Total warranty coverage period" is the sum of periods for the "normal warranty coverage period" plus the length of the "extended limited warranty coverage period", and is subject to VAL-CO's standard warranty policy conditions and limitations.
- (4) The "Lifetime" warranty for fiberglass fan housings manufactured by Val Products is limited to PMC Power Miser, FW, and Hypermax 12", 16", 21", 24", 36", 48", 50", and 54" Fiberglass Fans' housings that prove to be defective in workmanship or material and become unusable over the life of the structure where the VAL-CO Fiberglass Fan was originally installed after original purchase, provided that the fan has remained undisturbed in its original installation location, will be repaired or replaced, at Val Products' option, at no charge (excluding labor of removal and installation and shipping), FOB Val Products' plant. All defective fan housings



## VAL PRODUCTS, INC. WARRANTIES - continued

must be returned to a Val Products' designated location for evaluation. Val Products' determination as to whether the product is defective and unusable is final. See the General Conditions and Limitations set forth below.

- (5) This fan motor warranty is limited to the motors used in with respect to the fiberglass fan motors included as original equipment on VAL-CO PMC Power Miser 12", 16", 21", and 24" Fiberglass Fans manufactured by Val Products that prove to be defective in workmanship or material and become unusable within a period of two (2) years from and after the date of original purchase will be repaired or replaced, at Val Products' option, at no charge (excluding labor of removal and installation and shipping), FOB Val Products' plant. All defective fan motors must be returned to a Val Products' designated location for evaluation. Val Products' determination as to whether the product is defective and unusable is final. See the General Conditions and Limitations set forth below.
- (6) "Z" Fan housings are warranted for 7 years against rust through in poultry applications only. Other fan components are covered by VAL-CO's standard one year warranty. See the General Conditions and Limitations set forth below.

### General Conditions and Limitations Applicable to All Val Products, Inc. (Val Products) Warranties, Including Extended Warranties

1. The Product must be installed and operated in accordance with instructions published by Val Products or the warranty will be void.
2. Warranty will be void if all components of the product or system are not original equipment supplied by the manufacturer.
3. Products not manufactured by Val Products and supplied by outside manufacturers (such as, but not limited to, certain electrical motors, certain controls, gas valves, etc.) are warranted separately by the respective manufacturer and only to the extent of the manufacturer's warranty.
4. Val Products feed bins are designed to be used with free flowing agricultural feed materials with a density proximate to 40 pounds (18.15 kilograms) per cubic foot (.03 cubic meter). Soybean meal, meat scraps and other materials, both agricultural and industrial, are not free flowing and may significantly exceed recommended material density. Feed bin structural failure from their use will void this warranty.
5. Val Products does not warrant against feed bin structural failure, or bin unloading components such as flexible auger transitions and boots that arises due to the addition of aftermarket devices attached to, or installed within or attached to the feed bin structure for the purpose of enhancing feed material flow and/or the elimination of feed bridging issues.
6. Warranty applies only to products used in applications as originally intended by Val Products – other applications in industry or commerce are not covered by the Warranty. Val Products' products are expressly not designed or authorized for use in any applications where intended to sustain or support human life or any other application where the failure of the product could result in personal injury or death.
7. Malfunctions resulting from misuse, abuse, mismanagement, negligence, alteration, accident, lack of proper maintenance, lightning strikes, electrical power surges, or electrical power interruption shall not be considered defects under the Warranty. Corrosion, material deterioration and/or equipment malfunction caused by or consistent with the excessive additions of chemicals, minerals, sediments or other foreign elements with the product shall not be considered defects under the Warranty.

## VAL PRODUCTS, INC. WARRANTIES - continued

8. VAL PRODUCTS WILL NOT, UNDER ANY CIRCUMSTANCES, BE LIABLE FOR ANY KIND OF SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR CONTINGENT DAMAGES INCLUDING, BUT NOT LIMITED TO, LOST OR DAMAGED PRODUCT, GOODS OR LIVESTOCK, COSTS OF TRANSPORTATION, LOST SALES, LOST ORDERS, LOST INCOME, INCREASED OVERHEAD, LABOR AND INCIDENTAL COSTS AND OPERATIONAL INEFFICIENCIES. IN NO EVENT SHALL THE WARRANTY LIABILITY EXCEED THE INVOICED PRICE OF THE PRODUCT TO THE ORIGINAL PURCHASER.
9. THE WARRANTIES SET FORTH ABOVE CONSTITUTE VAL PRODUCTS' ENTIRE AND SOLE WARRANTY. VAL PRODUCTS EXPRESSLY DISCLAIMS ANY AND ALL OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY AND ALL OTHER EXPRESS OR IMPLIED WARRANTIES AS TO THE MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR USE, DESCRIPTION OF QUALITY OF THE PRODUCT FURNISHED, AND ANY OTHER WARRANTY ARISING BY OPERATION OF LAW, CUSTOM OR USAGE.
10. Val Products denies any authorization of any distributor, dealer, agent, or employee to modify, extend, or otherwise alter the conditions of any warranty in addition to, or in lieu of, those conditions and terms expressly stated above. Any exceptions not noted in the body of the Warranty must be authorized in writing by an officer of Val Products. Val Products reserves the right to change or delete models, or change specifications at any time without notice or obligation to improve previous products.



# Symbols



= NOTE - take notice this may help you!



= IMPORTANT INFORMATION - be sure to read!



= CHECK - the details of all requirements, processes or procedures of instructions listed.



= WARNING - The safety alert symbol is always used on warning signs that involve your safety. Anytime you see this symbol heed the warning it identifies. This symbol may be used alone or in conjunction with other symbols.



1. Keep hands and tools away from exposed auger.
2. Keep all covers and guards in place.

## DANGER - MOVING AUGER PARTS

- SHUT OFF ALL POWER! Perform the necessary LOCKOUT / TAG OUT procedures when servicing.
- Keep hands clear of auger parts as moving parts can cut or crush
- Do not operate without covers/guards!



# Programming Instructions

It is important that you READ ALL programming instructions before using your Val-Co® Pan Feeding System. Report any shortages or required repair parts to your Distributor. When ordering you will need the part number and description for quicker assistance. (These can be found in the Appendix Parts List at the end of this manual.)



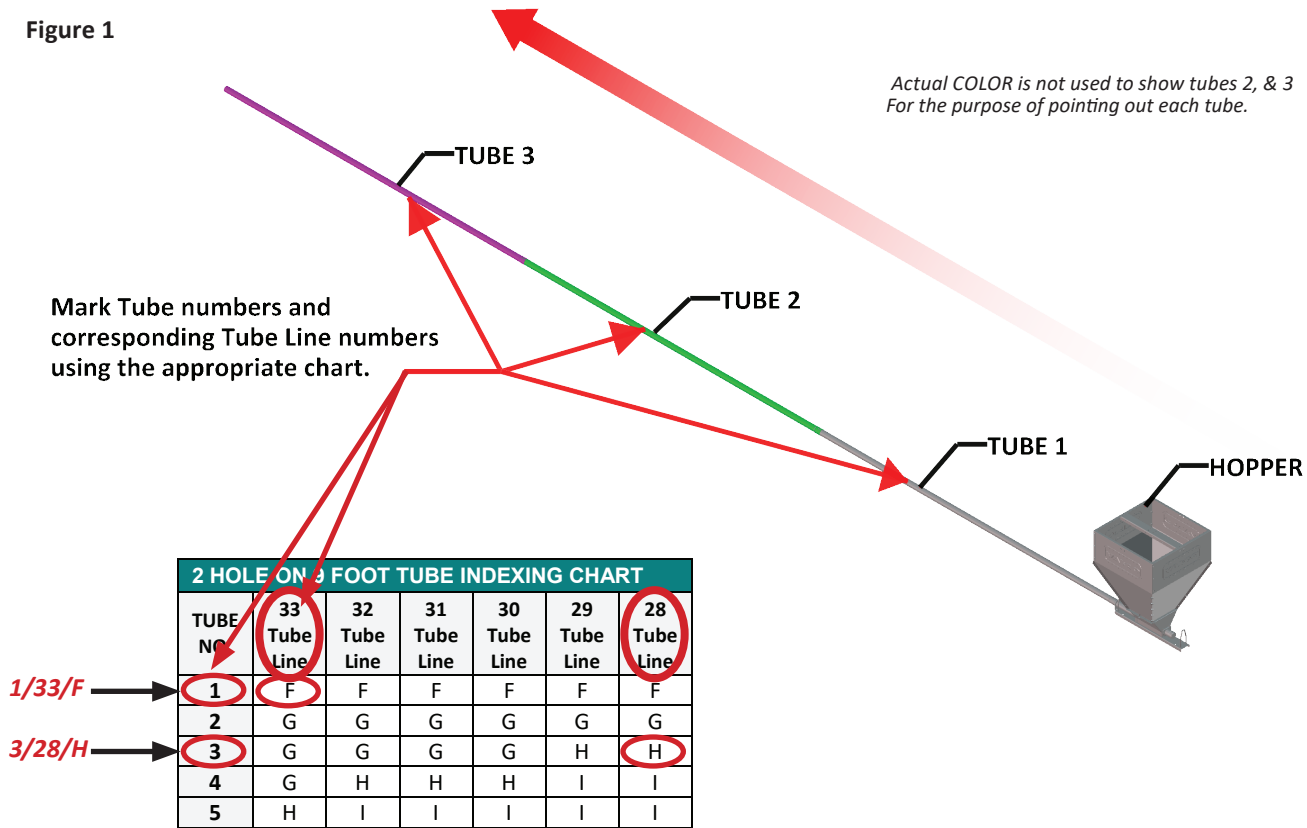
- 1. Disconnect electrical power before inspecting or servicing equipment.
- 2. All electrical wiring should be done by a qualified electrician in accordance with local and national electrical codes.
- 3. Ground all electrical equipment.

The Val-Co® Indexing Gauge enables the operator to index the feeder line. Use the Indexing Gauge with the charts on the following pages to determine the settings for your installation. Indexing the feeder lines usually require (2) people.

## Programming/Indexing the Feeder Lines

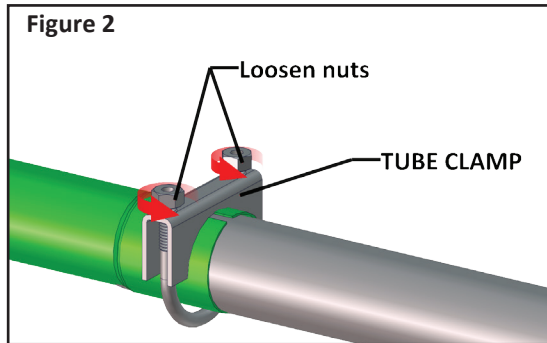
- 1. Beginning at the hopper, number the tubes using a MARKER PEN. Begin sequential numbering of the tubes, 1 at the hopper, then 2, 3, etc., until each tube is numbered. When numbering the tubes find the Indexing Gauge settings in this manual and mark the corresponding tube with the Tube Line number and setting, Example; each tube should have markings such as 1/33/F. (Be sure to use the proper chart on pages 11 thru 14 for indexing the feed line according to the tube sizes used for your system.)

Figure 1

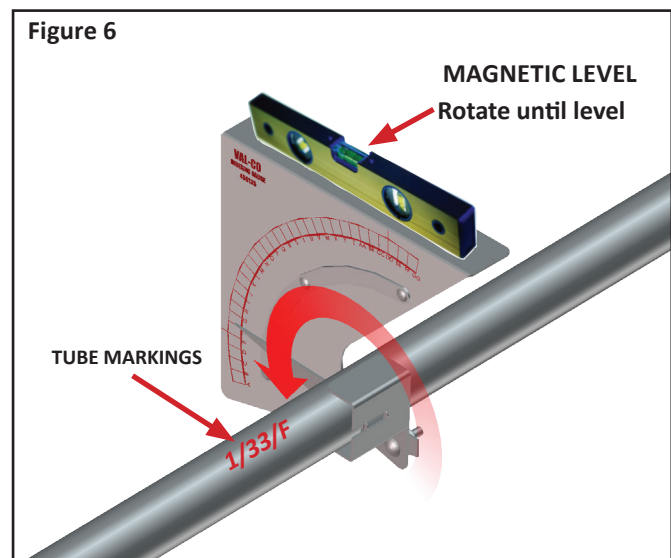
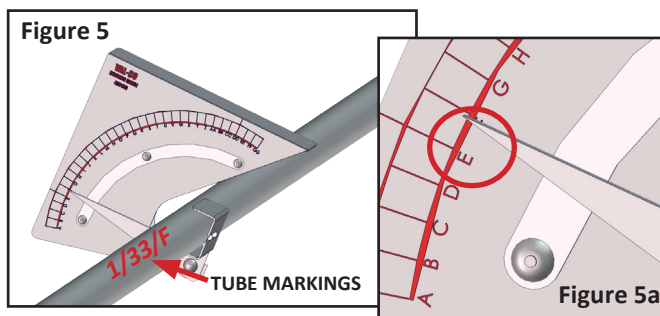
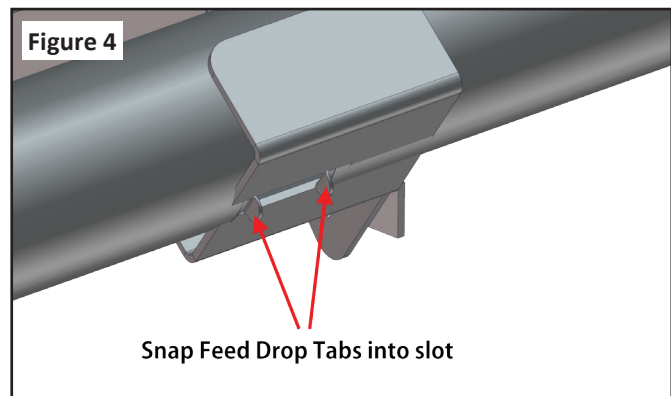
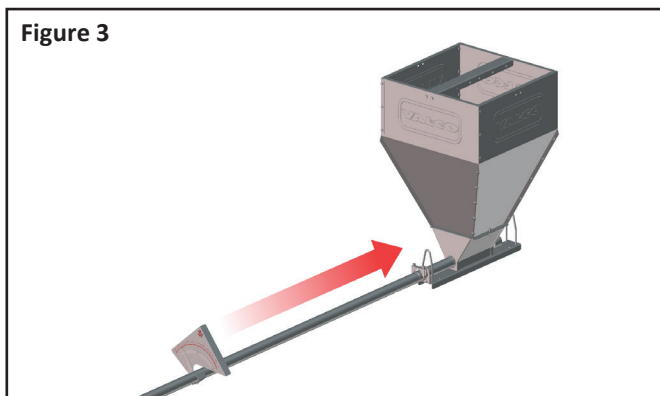


## Programming Instructions - continued

- Loosen the tube clamps, *or if the line is new*, leave the tube clamps loose until the line has been programmed.  
**BE SURE TO TURN OFF ALL POWER BEFORE SERVICING!**



- Start at the hopper end of the feed line, facing the hopper, *as shown in Figure 3*, attach the Indexing Gauge on the feeder tube by securely snapping it over both the tabs of the feed drop hole of the tube, *as shown in Figure 4*. *If this is a new installation, you will need to bend the tabs out with a pliers if you have not done so already.*



- Set the Gauge Indicator to the proper setting on the Gauge according to the markings on the tube, *as detailed in Figure 5 and 5a*.
- Attach the magnetic level (*not supplied*) to the Indexing Gauge, *as shown in Figure 6*.
- Rotate until the Gauge is level, *as shown in Figure 6*.



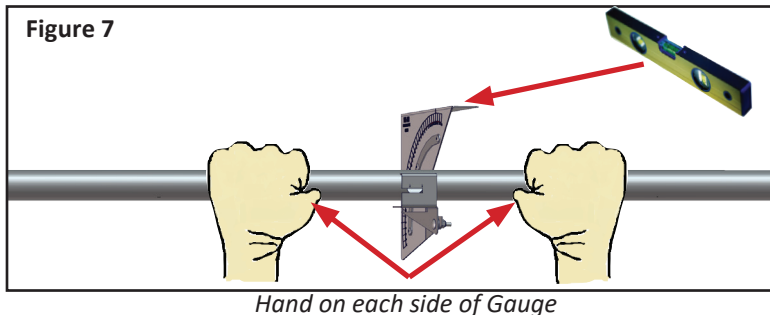
- BE SURE THE TUBES THAT HAVE ALREADY BEEN SET DO NOT MOVE!
- It is important that the top of the Tube Indexing Gauge is level when checking the rotation to locate the appropriate setting.



## Programming Instructions - continued



When rotating the tube hold on each side, as shown in Figure 7, of the Indexing Gauge or use large adjustable pliers or pipe wrenches to grip the tube if your are not able to turn the tube by hand.



IF YOU USE PLIERS OR PIPE WRENCH BE SURE THAT YOU DO NOT DEFORM THE TUBES!

7. Tighten the clamp on the bell of the Feed Tube toward the hopper once you have rotated the tube to the appropriate setting according to the chart for your system and the Gauge is LEVEL, *as shown in Figure 8 and 9. This will prevent the tube which you have already set from moving.* Continue this procedure for the remainder of the line as you set each tube according to the appropriate chart for your system, as shown in Figure 8.

Figure 8

Tighten CLAMP when 1st TUBE is rotated to appropriate setting

Tighten CLAMP when 2nd TUBE is rotated to appropriate setting

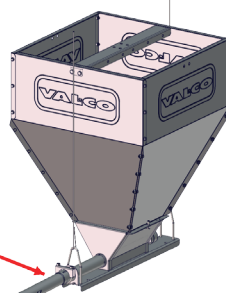
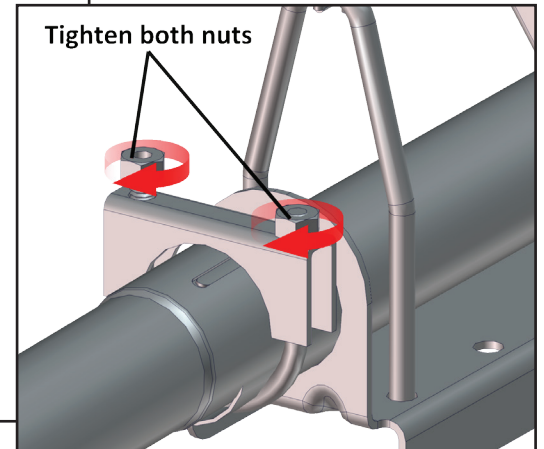


Figure 9

Tighten both nuts



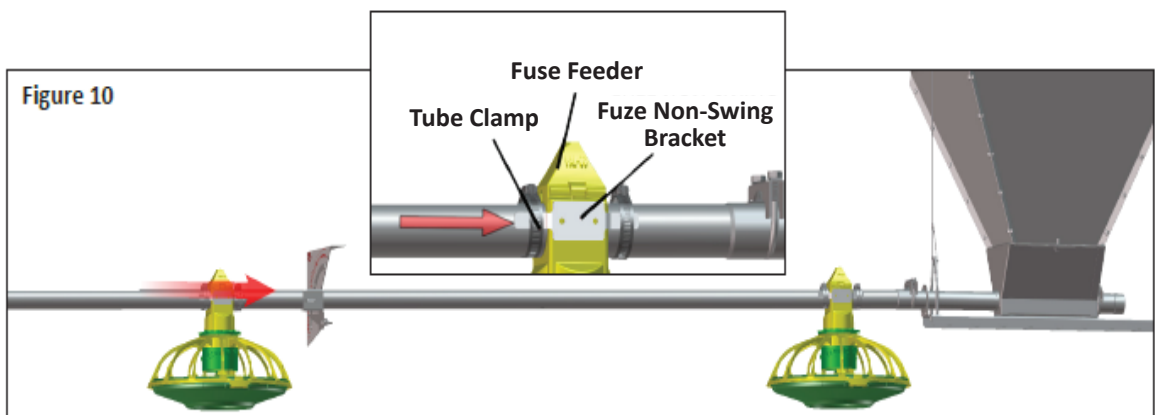
8. Align feed pans, tighten the non-swing clamps on each feeder as you program the feed line, *as shown in Figure 10.*

Figure 10

Fuse Feeder

Tube Clamp

Fuze Non-Swing Bracket



## Tube Indexing Chart - 2 Hole on 9 and 10 Foot Feed Tubes

2 HOLE ON 9 FOOT AND 10 FOOT - TUBE INDEXING CHART													
TUBE NO.	33 Tube Line	32 Tube Line	31 Tube Line	30 Tube Line	29 Tube Line	28 Tube Line	27 Tube Line	26 Tube Line	25 Tube Line	24 Tube Line	23 Tube Line	22 Tube Line	21 Tube Line
1	F	F	F	F	F	F	F	G	G	F	F	F	F
2	G	G	G	G	G	G	G	H	H	G	G	G	G
3	G	G	G	G	H	H	H	I	I	H	H	H	H
4	G	H	H	H	I	I	I	J	J	I	I	I	I
5	H	I	I	I	I	I	I	K	K	J	J	J	J
6	I	I	I	I	J	J	J	L	L	L	K	K	K
7	I	J	J	J	K	K	K	M	M	L	L	L	M
8	J	J	J	J	K	K	K	M	M	M	M	M	N
9	J	K	K	K	L	L	L	N	N	N	N	N	O
10	K	K	L	L	M	M	M	N	N	N	O	O	P
11	K	L	L	L	M	M	M	O	O	O	P	P	Q
12	L	L	M	M	N	N	N	O	O	O	P	Q	R
13	L	M	M	M	N	N	N	P	P	P	Q	R	S
14	M	M	N	N	O	O	O	P	P	Q	R	S	U
15	M	N	N	N	O	O	O	Q	Q	R	S	U	X
16	N	N	O	O	P	P	P	Q	R	S	U	X	Z
17	N	O	O	O	P	P	Q	R	S	U	X	Z	DD
18	O	O	O	O	Q	Q	R	S	U	X	Z	DD	GG
19	O	O	P	P	Q	R	S	U	X	Z	DD	GG	GG
20	O	P	Q	Q	R	S	U	X	Z	DD	GG	GG	GG
21	P	Q	R	R	S	U	X	Z	DD	GG	GG	GG	GG
22	Q	R	S	S	U	X	Z	DD	GG	GG	GG	GG	
23	R	S	T	U	X	Z	DD	GG	GG	GG	GG		
24	S	T	U	X	Z	DD	GG	GG	GG	GG			
25	T	U	X	Z	DD	GG	GG	GG	GG				
26	U	X	Z	DD	GG	GG	GG	GG					
27	X	Z	DD	GG	GG	GG	GG						
28	Z	DD	GG	GG	GG	GG							
29	DD	GG	GG	GG	GG								
30	GG	GG	GG	GG									
31	GG	GG	GG										
32	GG	GG											
33	GG												

# Tube Indexing Chart - 4 Hole on 9 Foot Feed Tubes

This Chart is also used for: (4 Hole on 10 Foot and 5 Hole on 12 Foot)

4 HOLE ON 9 FOOT TUBE INDEXING CHART																			
TUBE NO.	33 Tube Line	32 Tube Line	31 Tube Line	30 Tube Line	29 Tube Line	28 Tube Line	27 Tube Line	26 Tube Line	25 Tube Line	24 Tube Line	23 Tube Line	22 Tube Line	21 Tube Line	20 Tube Line	19 Tube Line	18 Tube Line	17 Tube Line	16 Tube Line	15 Tube Line
1	C	C	C	C	C	C	C	C	C	C	D	D	D	E	E	E	E	E	E
2	D	D	E	E	E	E	E	E	E	E	F	F	F	G	G	G	G	H	J
3	D	E	E	E	F	F	F	F	F	F	G	G	G	I	I	I	J	J	L
4	E	E	F	F	G	G	G	G	G	G	H	H	H	J	J	J	K	L	M
5	E	F	G	G	G	G	G	H	H	H	I	I	I	K	K	K	L	M	N
6	F	G	G	G	H	H	H	I	I	I	J	J	J	L	L	L	M	N	O
7	G	G	H	H	I	I	I	J	J	J	K	K	K	M	M	M	N	O	P
8	G	H	I	I	I	I	I	K	K	K	L	L	L	N	N	N	O	P	Q
9	H	I	I	I	J	J	J	L	L	L	M	M	M	O	O	O	P	Q	Q
10	I	I	J	J	K	K	K	M	M	M	N	N	N	P	P	P	Q	Q	R
11	I	J	J	J	K	K	K	M	M	M	N	N	N	P	P	Q	Q	R	S
12	J	J	K	K	L	L	L	N	N	N	O	O	O	Q	Q	R	R	S	X
13	J	K	L	L	M	M	M	N	N	N	O	O	P	Q	R	S	S	X	Z
14	K	L	L	L	M	M	M	O	O	O	P	P	Q	R	S	U	X	Z	DD
15	L	L	M	M	N	N	N	O	O	O	P	Q	R	S	T	X	Z	DD	GG
16	L	M	M	M	N	N	N	P	P	P	Q	R	S	T	X	Z	DD	GG	
17	M	M	N	N	O	O	O	P	P	Q	R	S	U	X	Z	DD	GG		
18	M	N	N	N	O	O	O	Q	Q	R	S	U	X	Z	DD	GG			
19	N	N	O	O	P	P	P	Q	R	S	U	X	Z	DD	GG				
20	N	O	O	O	P	P	Q	R	S	U	X	Z	DD	GG					
21	O	O	O	O	Q	Q	R	S	U	X	Z	DD	GG						
22	O	P	P	P	Q	R	S	U	X	Z	DD	GG							
23	P	P	Q	Q	R	S	U	X	Z	DD	GG								
24	P	Q	R	R	S	U	X	Z	DD	GG									
25	Q	R	S	S	U	X	Z	DD	GG										
26	R	S	T	U	X	Z	DD	GG											
27	S	T	U	X	Z	DD	GG												
28	T	U	X	Z	DD	GG													
29	U	X	Z	DD	GG														
30	X	Z	DD	GG															
31	Z	DD	GG																
32	DD	GG																	
33	GG																		

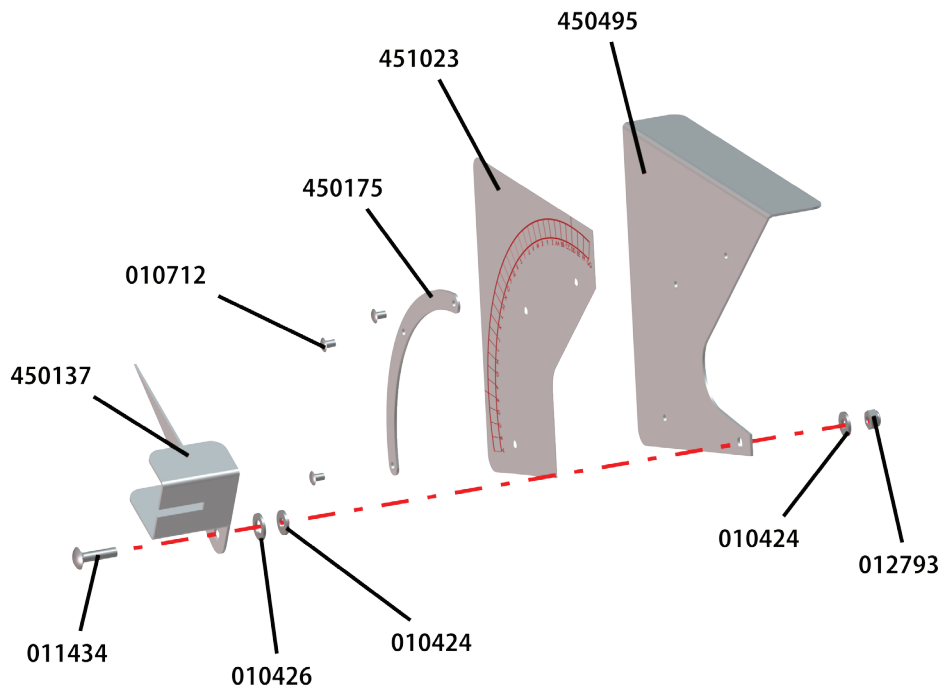
# Tube Indexing Chart - 3 Hole on 10 Foot Feed Tubes

3 HOLE ON 10 FOOT TUBE INDEXING CHART																			
TUBE NO.	33 Tube Line	32 Tube Line	31 Tube Line	30 Tube Line	29 Tube Line	28 Tube Line	27 Tube Line	26 Tube Line	25 Tube Line	24 Tube Line	23 Tube Line	22 Tube Line	21 Tube Line	20 Tube Line	19 Tube Line	18 Tube Line	17 Tube Line	16 Tube Line	15 Tube Line
1	C	C	D	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	F
2	D	D	F	F	F	F	F	F	F	F	F	F	F	F	G	G	G	G	H
3	E	F	G	G	G	G	G	G	G	G	G	G	G	G	H	H	H	I	J
4	F	F	G	G	H	H	H	H	H	H	H	H	H	H	J	J	J	J	K
5	F	G	H	H	I	I	I	I	I	I	I	I	I	I	K	K	K	K	L
6	G	G	I	I	I	J	J	J	J	J	J	J	J	J	L	L	L	L	M
7	G	H	I	I	J	K	K	K	L	L	L	L	L	L	M	M	M	M	N
8	H	G	J	J	J	K	K	L	L	L	L	L	L	L	N	N	N	N	O
9	H	H	J	J	K	L	L	L	M	M	M	M	M	M	N	O	N	O	Q
10	H	I	K	K	K	L	L	L	M	M	M	M	M	M	O	P	O	Q	R
11	I	I	K	K	L	M	M	M	N	N	N	N	N	N	P	P	P	R	S
12	I	J	L	L	L	M	M	M	N	N	N	N	N	N	Q	Q	Q	T	V
13	J	J	L	L	M	N	N	N	O	O	O	O	O	O	Q	R	R	U	X
14	J	K	M	M	M	N	N	N	O	O	O	O	O	O	R	R	U	X	DD
15	K	L	M	M	N	N	N	N	P	P	P	P	P	P	T	U	X	DD	GG
16	L	M	M	M	N	O	O	O	P	P	Q	Q	Q	R	U	X	DD	GG	
17	M	M	N	N	O	O	O	O	Q	Q	Q	R	R	U	X	DD	GG		
18	M	M	N	N	O	P	P	P	Q	Q	R	R	U	X	DD	GG			
19	M	N	N	N	P	P	P	P	R	R	T	U	X	DD	GG				
20	N	N	O	O	P	Q	Q	Q	S	S	U	X	DD	GG					
21	N	N	O	O	Q	R	R	R	T	V	X	DD	GG						
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29	S	U	X	DD	GG														
30	U	X	DD	GG															
31	X	DD	GG																
32	DD	GG																	
33	GG																		

# Tube Indexing Chart - 4 Hole on 12 Foot Feed Tubes

4 HOLE ON 12 FOOT TUBE INDEXING CHART																			
TUBE NO.	33 Tube Line	32 Tube Line	31 Tube Line	30 Tube Line	29 Tube Line	28 Tube Line	27 Tube Line	26 Tube Line	25 Tube Line	24 Tube Line	23 Tube Line	22 Tube Line	21 Tube Line	20 Tube Line	19 Tube Line	18 Tube Line	17 Tube Line	16 Tube Line	15 Tube Line
1	C	C	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	F
2	D	D	F	F	F	F	F	F	F	F	F	F	F	F	G	G	G	G	H
3	E	F	G	G	G	G	G	G	G	G	G	G	G	G	H	H	H	I	J
4	F	G	G	G	H	H	H	H	H	H	H	H	H	H	J	J	J	J	K
5	G	G	H	H	I	I	I	I	I	I	I	I	I	I	K	K	K	K	L
6	G	H	I	I	J	J	J	J	J	J	J	J	J	J	L	L	L	L	M
7	H	G	I	I	J	K	K	K	L	L	L	L	L	L	M	M	M	M	N
8	H	H	J	J	K	K	K	L	L	L	L	L	L	L	N	N	N	N	O
9	H	I	J	J	K	L	L	L	M	M	M	M	M	M	N	O	N	O	Q
10	I	I	K	K	L	L	L	L	M	M	M	M	M	M	O	P	O	Q	R
11	I	J	K	K	L	M	M	M	N	N	N	N	N	N	P	P	P	R	S
12	J	J	L	L	M	M	M	M	N	N	N	N	N	N	Q	Q	Q	S	U
13	J	K	L	L	M	N	N	N	O	O	O	O	O	O	Q	Q	Q	U	S
14	K	L	M	M	N	N	N	N	O	O	O	O	O	O	R	R	U	X	DD
15	L	M	M	M	N	N	N	N	P	P	P	P	P	P	S	U	X	DD	GG
16	M	M	M	M	N	O	O	O	P	P	Q	Q	Q	Q	U	X	DD	GG	
17	M	M	N	N	O	O	O	O	Q	Q	Q	Q	Q	U	X	DD	GG		
18	M	N	N	N	O	P	P	P	Q	Q	R	R	U	X	DD	GG			
19	N	N	N	N	P	P	P	P	R	R	S	U	X	DD	GG				
20	N	N	O	O	P	Q	Q	Q	S	S	U	X	DD	GG					
21	N	O	O	O	Q	R	R	R	S	U	X	DD	GG						
22	O	O	O	O	Q	R	R	S	U	X	DD	GG							
23	O	P	P	P	R	S	S	U	X	DD	GG								
24	P	Q	Q	Q	S	T	U	X	DD	GG									
25	Q	Q	Q	R	T	V	X	DD	GG										
26	Q	Q	R	S	V	X	DD	GG											
27	Q	R	S	U	Y	DD	GG												
28	R	S	U	X	DD	GG													
29	S	U	X	DD	GG														
30	U	X	DD	GG															
31	X	DD	GG																
32	DD	GG																	
33	GG																		

## Appendix 1 - Indexing Gauge (Exploded) with Parts List



PART #	DESCRIPTION	QTY
<b>450135 Indexing Gauge</b>		
010424	1/4" SAE FLAT WASHER	2
010426	5/16" X 11/16" FLAT WASHER	1
010712	3/16" X 9/32" TUBULAR RIVET	3
011434	1/4" X 1" CARRIAGE BOLT	1
012793	1/4-20 NYLOCK NUT	1
450137	GAUGE NEEDLE	1
450175	WEAR PLATE	1
450495	GAUGE PLATE - FORMED	1
451023	LABEL, TUBE INDEXING GAUGE	1

## Appendix 2 - Notes

## NOTES

This image shows a full page of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

## APPENDIX 3 - Customer Service

My dealer's name:

\_\_\_\_\_

Street / PO Box \_\_\_\_\_

City \_\_\_\_\_

How to contact my dealer:

State / Province \_\_\_\_\_

Zip / Postal \_\_\_\_\_

**Customer Service**

210 E. Main Street  
P. O. Box 117  
Coldwater, OH 45828  
800.998.2526

Phone \_\_\_\_\_

Fax \_\_\_\_\_

E-mail \_\_\_\_\_

Web site \_\_\_\_\_



**North America:**

Phone: 800.99VALCO (800.998.2526)

Fax: 419.678.2200

Email: [sales@val-co.com](mailto:sales@val-co.com)

**International:**

Phone: (+1) 419.678.8731

Fax: (+1) 419.678.2200

Email: [intl.sales@val-co.com](mailto:intl.sales@val-co.com)

