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PHYSICAL ADDRESS  
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INDIANOLA, NE 69034**

MAILING ADDRESS

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INDIANOLA, NE 69034**

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*Schaffert*  
manufacturing & sales


# DIG-IT™ SEED FINDER

Use a Dig-It and not your hands to find your seeds in the furrow! Dig-Its come blank. They are available with Schaffert Mfg. logo upon request.

## LARGE 8.5"

PHOTO	PART #	DETAILS	PRICE
	DIG-ITLGYELLOW	<b>YELLOW</b>	Plain Large Dig-It <b>8.5"</b> 1.00
	DIG-ITLGWHITE	<b>WHITE</b>	
	DIG-ITLGORANGE	<b>ORANGE</b>	

## SMALL 6.75"

PHOTO	PART #	DETAILS	PRICE
	DIG-ITBLUE	<b>BLUE</b>	Plain Small Dig-It <b>6.75"</b> 0.75
	DIG-ITGREEN	<b>GREEN</b>	
	DIG-ITYELLOW	<b>YELLOW</b>	
	DIG-ITWHITE	<b>WHITE</b>	
	DIG-ITRED	<b>RED</b>	

# JOHN DEERE *Planters*



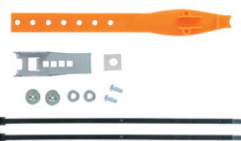

# HARVEST INTERNATIONAL *Planters*

[illegible]




# REBOUNDER® SEED COVERS

Place all your seeds at the bottom of the furrow with the Rebounder. Add an optional fitting for in-furrow liquid placement.

## REBOUNDERS FOR JOHN DEERE & HARVEST INTERNATIONAL

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	OJD	ORANGE REBOUNDER FOR <b>JD MAXEMERGE 7000 7100 7200 7300 1700</b> & <b>HARVEST INTERNATIONAL</b>		30.00
	OBE	ORANGE REBOUNDER for <b>BULLSEYE® SEED TUBE</b> INCLUDES: Rebounder, spacer bracket & 2 tie straps	PP # 700150 700155 770158 700160	30.00
	BEMB	MOUNTING BRACKET for <b>BULLSEYE SEED TUBE</b>		1.00
	OWV	ORANGE REBOUNDER for <b>WAVEVISION® SEED TUBE</b>	PP # 700200 700250 700255 700260 700271	30.00
	WVMB	MOUNTING BRACKET for <b>WAVEVISION SEED TUBE</b> INCLUDES: Bracket, hardware & 2 tie straps		12.50
	OEX	ORANGE REBOUNDER for <b>JD EXACTEMERGE</b>	√	30.00
	EXMB	MOUNTING BRACKET & hardware for <b>JD EXACTEMERGE</b>		21.95
	EXPMBN	MOUNTING BRACKET & hardware for <b>JD EXACTEMERGE</b> with <b>PNEUMATIC DOWN PRESSURE</b> INCLUDES: 2 metric bolts (12x1.75x40mm)		24.95

## SEED FIRMER REPLACEMENT PARTS 1 REBOUNDER, 2 MOUNTING BRACKETS



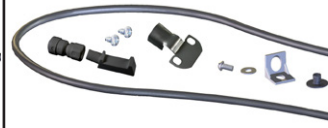
PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	OKRU	<b>ASSEMBLED</b> OKR REBOUNDER and MOUNTING BRACKET that fits <b>WRAPAROUND</b> and <b>UNIVERSAL</b> mounting brackets		42.50
	OKRQ	<b>ASSEMBLED</b> OKR REBOUNDER and MOUNTING BRACKET that fits <b>QUICK ATTACH</b> mounting brackets		42.50
	OKR	ORANGE REBOUNDER for <b>SEED FIRMER TAILS</b>	√	30.00
	KRUMB	MOUNTING BRACKET for <b>OKR REBOUNDER</b> that fits <b>WRAPAROUND</b> and <b>UNIVERSAL</b> mounting brackets		12.50
	KRQMB	MOUNTING BRACKET for <b>OKR REBOUNDER</b> that fits <b>QUICK ATTACH</b> brackets		12.50

**FOR MORE JOHN DEERE REBOUNDERS, SEE OTHER PLANTERS, PAGE 109**










# OPTIONAL FITTINGS










We have three optional fittings to choose from—Y-Not Split It, Straight Shot, Hose Holder. Also available are stainless steel tubes.

IN-FURROW OPTIONAL FITTING for <b>JOHN DEERE</b> type <b>REBOUNDER</b>  3 options to choose from  <b>1 ROW = 1 KIT</b>	PHOTO			
	PART #	3Y	HH	SSK
	DETAILS	<b>Y-NOT SPLIT-IT®</b> COMPLETE KIT	<b>HOSE HOLDER™</b> COMPLETE KIT	<b>STRAIGHT SHOT™</b> COMPLETE KIT
	PRICE	6.75	6.00	7.50



## OPTIONAL FITTING KIT PARTS 1 ROW

							
#	LBK	PY	MY	MPK	SSQC	SSTP	SSMPK
	L bracket kit	Y only	Flow restricting micro Y reduces outflow volume by 1/2	Y-NOT metal plate & screws	STRAIGHT SHOT with quick coupler	STRAIGHT SHOT threaded piece	STRAIGHT SHOT metal plate & screws
\$	3.25	2.90	2.90	4.40	6.25	3.00	4.40

## TOTALLY TUBULAR STAINLESS STEEL TUBES No discounts given on Totally Tubular tubes

PHOTO	PART #	DETAILS	PRICE
	TT001	<b>JD 7000 7100</b> series planters	55.00
	TT001O	<b>OVERSIZED</b> for <b>JD 7000 7100</b> series planter. INCLUDES: Oversized roll pin	57.00
	TT002	<b>JD 1700 7200 7300</b> series non XP units	55.00
	TT002O	<b>OVERSIZED</b> for <b>JD 1700 7200 7300</b> series non XP units. INCLUDES: Oversized roll pin	57.00
	TT006	<b>JD 1700</b> with <b>XP</b> units	55.00
	TT007	<b>JD MAXEMERGE 5</b> series	55.00
	TT009	<b>JD EXACTEMERGE</b>	55.00
	TT300JD	FOR LIQUID FERTILIZER PLACEMENT BEHIND PRESS WHEELS on <b>JD</b> planters. INCLUDES: Mounting hardware & zip tie	52.00
	TTSBL	<b>LEFT</b>	30.00
	TTSBR	<b>RIGHT</b> <b>JD 1700</b> series <b>XP</b> row units <b>SOYBEAN</b>	


## REBOUNDER PARTS

PHOTO	#	DETAILS	PRICE
	LT	LARGE TIE STRAP used for mounting the Rebounder to planters	1.00
	W	WEDGE MOUNTING BRACKET for <b>JD</b> planters with <b>STRAIGHT SEED TUBE</b> ; <b>BEET &amp; COTTON</b> planters	3.00



# 4-LINK TAIL SECTIONS

The 4-Link Closer™ is a ground following dual parallel linkage tail sections that help provide superior closure in uneven planting conditions. Five ground attachments to choose from: V Closing Wheels, G2, G3, G4, or Y-Cam. Also available is the 4-Link Force™ with pneumatic down pressure. Call for info.



## JOHN DEERE LATE 7200 ALL 7300 1700 EXACTEMERGE HARVEST INTERNATIONAL

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	4LC	4 LINK CLOSER ASSEMBLY & hardware for <b>LATE 7200 ALL 7300 1700 &amp; EXACTEMERGE</b> planters and <b>HARVEST INTERNATIONAL</b> planters <b>1 ROW</b>		625.00
	4LCJDC	4 LINK CLOSER ASSEMBLY with <b>CAST FRONT &amp; BACK MOUNT</b> for <b>LATE 7200 ALL 7300 1700 EXACTEMERGE</b> & <b>HARVEST INTERNATIONAL</b> <b>1 ROW</b>		call for pricing



## JOHN DEERE 7000 7100 EARLY 7200 REQUIRED KIT PARTS 1 ROW

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	4LCK	4 LINK CLOSER ASSEMBLY for <b>7000 7100 EARLY 7200</b> planters <b>1 ROW</b>	√	625.00
	4LCKMB	4 LINK CLOSER MOUNTING BRACKET KIT for <b>7000 7100 EARLY 7200</b> INCLUDES: Mounting bracket & bolt package <b>1 ROW</b>		62.00

### MOUNTING BRACKET PARTS 1 ROW

	4LCK/M/JDBRK	4 LINK CLOSER MOUNTING BRACKET ONLY for <b>7000 7100 EARLY 7200</b>		45.00
	4LCKBP	4 LINK CLOSER BOLT PACKAGE ONLY for <b>7000 7100 EARLY 7200</b>		25.00

## 4 LINK CLOSER GROUND ATTACHMENT OPTIONS

GROUND ATTACHMENT MOUNTING BRACKET for 4 LINK CLOSER  See corresponding sections on following pages  <b>1 ROW</b>	PHOTO		
	PART #	4LCG2MB50	4LCVMB
	DETAILS	4 LINK MOUNTING BRACKET & bolt kit for G SERIES <b>G2 G3 G4</b> and <b>Y-CAM</b>	4 LINK <b>V CLOSING WHEEL BRACKET</b> & bolt kit
	PRICE	50.00	50.00

# Y-CAM

The Y-Cam™ Closing System allows you to install the Chicken Tracker press wheel onto the 4-Link. Other options are closing disc size and style, and 2x2 dual fertilizer.



## Y-CAM CLOSING SYSTEM

REQUIRED KIT PARTS **1 ROW**

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	YCAM-AH-LEFT	<b>LEFT SIDE</b> Y-CAM PIVOT KIT	√	230.00
	YCAM-AH-RIGHT	<b>RIGHT SIDE</b> INCLUDES: Y-Cam bracket & bolt package		
	4LCG2MB50	4 LINK Y-CAM MOUNTING BRACKET INCLUDES: Mounting ears & bolt package		50.00
	YCAM-PWK	Y-CAM PRESS WHEEL BOLT PKG INCLUDES: Press wheel mounting hardware		25.00
	YCAM-CDK	Y-CAM COVERING DISC BOLT PKG INCLUDES: Covering disc mounting hardware		20.00

OPTIONAL KIT PARTS **1 ROW**

	YCAM-FTK	Y-CAM DUAL FERTILIZER TUBES KIT INCLUDES: Dual tubes, mounting hardware & injector orifice <i>*Refer to chart on page 149 for proper orifice size and part #</i>		60.00
	YCAM-LEVEL	Y-CAM LEVEL KIT		15.00

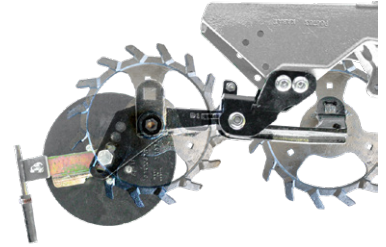
**FOR HOSE ADAPTER KITS, SEE PAGE 148**

PRESS WHEEL for Y-CAM  2 options to choose from  <b>1 ROW = 1 WHEEL</b>  √ MT BKT REQ'D	PHOTO			<b>COVER DISC PARTS</b>	
	PART #	CT4	CT6	#	CDHUB
	DETAILS	4" x 12" <b>CHICKEN TRACKER</b>	6" x 12" <b>CHICKEN TRACKER</b>		DEPTH CONTROL HUB for <b>9" DISCS</b>
	PRICE	150.00	160.00	\$	25.00

COVERING DISCS for Y-CAM  3 options to choose from  <b>1 SIDE = 1 DISC</b>  Need 2 discs per row √ MT BKT REQ'D	PHOTO				
	PART #	G29BDH	G2PTBDHL	G2PTBDHR	G210NBDH
	DETAILS	<b>9" DISC</b> Bearing, Disc, & Hub	<b>LEFT SIDE</b> <b>9" STP DISC</b> Bearing, serrated PT STP Disc, & Hub	<b>RIGHT SIDE</b>	<b>10.5" NOTCHED DISC</b> Bearing, notched Disc, & Hub
	PRICE	60.00	80.00	80.00	80.00

# G SERIES

The G4™, G3™, and G2™ walking beam axles space out the closing wheels. The G2 and G4 provide the option for applying liquid 2x2. The G Series can be mounted directly onto your planter's tail section or onto the 4-Link Closer.



MOUNTING BRACKET for G SERIES  What are you mounting to?  <b>1 ROW = 1 KIT</b>	PHOTO		
	PART #	4LCG2MB50	GMBK
	DETAILS	<b>4 LINK G2 G3 G4 MOUNTING BRACKET &amp; bolt kit</b>	<b>JOHN DEERE* &amp; HARVEST INTL G2 G3 G4 MOUNTING BRACKET &amp; bolt kit</b>
	PRICE	50.00	50.00

## UPDATE KIT

*\*Required if there are NOT 2 holes in bottom of tail section to offset the closing wheels*

#	G2U70 P86763K	G2U72 P86763k
	G SERIES UPDATE KIT for <b>JD 7000 7100</b>	G SERIES UPDATE KIT for <b>JD 7200 7300</b>
\$	110.00	87.00

## MOUNTING BRACKET PARTS

PHOTO	PART #	DETAILS	PRICE
	GMBL-D	<b>LEFT JD &amp; HI G2 G3 G4</b>	22.00
	GMBR-D	<b>RIGHT MOUNTING BRACKET - 1 'EAR'</b>	

## STOP PLATES for JD G2 G3 G4

#	G2GWSTOP	G2PWSTOP
	GAUGE WHEEL STOP PLATE	PRESS WHEEL STOP PLATE & hardware
\$	30.00	15.00

WALKING BEAM ARM for G SERIES  4 options to choose from  <b>1 ROW = 1 ARM KIT LEFT OR RIGHT SIDE</b>  √ MT BKT REQ'D	PHOTO	
	PART #	G2CAHL G2CAHR
	DETAILS	<b>LEFT RIGHT G2 CAST ARM, wheel bolts &amp; mounting hardware</b>
	PRICE	179.00

	G2AHL G2AHR	G3AHL G3AHR	G4AHL G4AHR
	<b>LEFT RIGHT</b>	<b>LEFT RIGHT</b>	<b>LEFT RIGHT</b>
	<b>G2 ARM, wheel bolts &amp; mounting hardware</b>	<b>G3 ARM, wheel bolts &amp; mounting hardware</b>	<b>G4 ARM, wheel bolts &amp; mounting hardware</b>
	PRICE	168.00	168.00 231.00

## WALKING BEAM ARM KIT PARTS




## 1 ROW LEFT OR RIGHT SIDE

PHOTO						
PART #	G2CAL G2CAR	G2AL G2AR	G3AL G3AR	G4AL G4AR	G2/3ABP G4ABP	AXLE BOLT
	<b>LEFT RIGHT</b>	<b>LEFT RIGHT</b>	<b>LEFT RIGHT</b>	<b>LEFT RIGHT</b>	<b>G2 G3 G4</b>	
DETAILS	<b>G2 CAST ARM ONLY</b>	<b>G2 ARM ONLY</b>	<b>G3 ARM ONLY</b>	<b>G4 ARM ONLY</b>	<b>ARM BOLT KIT ONLY INCLUDES: Wheel bolts &amp; mounting hardware</b>	<b>AXLE BOLT KIT</b>
PRICE	150.00	138.00	138.00	200.00	30.00 30.00	20.00








**\*\*Refer to charts on page 149 to determine injector orifice size & part # \*\***

<b>FERTILIZER DISCS for G2 G4</b>  <i>3 options to choose from</i>  <b>1 ROW = 1 DISC</b>  √ MT BKT REQ'D	PHOTO					<b>FERTILIZER DISC PARTS</b>			
	PART #	G28BDH	G29BDH	G2PTBDHL	G2PTBDHR		G2B	BEARING for FERTILIZER DISC with <b>5/8" BORE</b>	15.00
	DETAILS	<b>8" DISC</b> <b>SMOOTH DISC</b> Bearing, Disc, & Hub	<b>9" DISC</b>	<b>LEFT SIDE</b> <b>9" STP DISC</b> Bearing, serrated PT STP Disc, & Hub	<b>RIGHT SIDE</b>		G2HB	HUB and BEARING	25.00
	PRICE	60.00	60.00	80.00			CDHUB	DEPTH CONTROL HUB for <b>9" DISCS</b>	25.00

<b>COMPLETE FERTILIZER KIT for G2 G4</b>  <b>1 ROW = 1 KIT LEFT OR RIGHT SIDE</b>  DISC NOT INCLUDED	PHOTO						
	PART #	G2FRTK-L	G2FRTK-R	G2DL	G2DR	G4FRTK-L	G4FRTK-R
	DETAILS	<b>LEFT</b> COMPLETE <b>G2</b> FERTILIZER KIT with mounting hardware & injector orifice**	<b>RIGHT</b>	<b>LEFT</b> <b>G2 DUAL</b> FERTILIZER TUBE KIT with mounting hardware & injector orifice **	<b>RIGHT</b>	<b>LEFT</b> COMPLETE <b>G4</b> FERTILIZER KIT with mounting hardware & injector orifice **	<b>RIGHT</b>
	PRICE	55.00		35.00		65.00	






**G2 FERTILIZER KIT PARTS**

**1 ROW LEFT OR RIGHT SIDE**

PHOTO								for JD cotton closing system disc part # <b>BA27006</b>	
PART #	G2FDMBHL	G2FDMBHR	G2FABK	G2SST	G2FAB	G2FBL	G2FBR	G2JDCL	G2JDCR
DETAILS	<b>LEFT</b>	<b>RIGHT</b>	G2 FERTILIZER TUBE KIT, hardware & injector orifice**	G2 2-SLOTTED STAINLESS STEEL TUBE ONLY	G2 FERTILIZER ADJUSTABLE BRACKET STAINLESS STEEL PIVOT	G2 FERTILIZER BRACKET ONLY	<b>LEFT</b>   <b>RIGHT</b>	<b>LEFT</b>	<b>RIGHT</b>
	G2 FERTILIZER DISC MOUNTING BRACKET & hardware							G2 DUAL CLOSING ATTACHMENT KIT for <b>JD COTTON</b> INCLUDES: Arm, hardware & injector orifice **	
PRICE	25.00		45.00	15.00	30.00	20.00		175.00	

**G4 FERTILIZER KIT PARTS**

**1 ROW LEFT OR RIGHT SIDE**

PHOTO							
PART #	G4FMBN	G4FTL	G4FTR	G4SST	FDIHBKRTL-SS	FDIHBKRTL-SS	G4W
DETAILS	G4 FERTILIZER DISC MOUNTING BRACKET & hardware	LEFT G4 FERTILIZER TUBE KIT, hardware & injector orifice**	RIGHT	G4 1-SLOTTED STAINLESS STEEL TUBE ONLY	LEFT G4 FERTILIZER TUBE MOUNTING BRACKET ONLY	RIGHT	G4 WEIGHT & hardware for NO FERTILIZER
PRICE	25.00	35.00		15.00	25.00		40.00

**FOR HOSE ADAPTER KITS, SEE PAGE 148**

# CLOSING WHEELS

We offer multiple varieties of Mohawk™ and Zipper™ angled spike closing wheels, along with the 2" Chicken Tracker™. The V Closing Bracket is needed when installing closing wheels to the 4-Link Closer.

**\*Older JD 7000 & 7100 planter tail sections with a water pump bearing use Adapter Kit ABP**

**\*\*JD 7200 & 7300 planter tail sections must be able to offset the press wheels or use Update Kit G2U72 pg. 8**

## MOHAWK CLOSING WHEELS


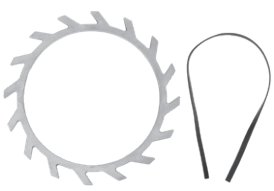




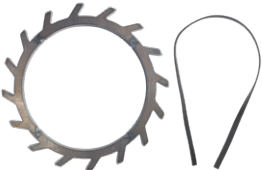








PHOTO				
PART #	MO	MOR	CMO	MMA
DETAILS	MOHAWK COMPLETE for <b>JD 7000* 7100* 7200 7300 1700</b> series & <b>HI</b> Cast spikes, plastic wheel & <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL</b>	MOHAWK RING - spiked cast wheel with rubber insert <b>1 SIDE = 1 RING</b>	<b>CAST MOHAWK WHEEL</b> for <b>JD 7000* 7100* 7200** 7300** 1700 &amp; HI</b> <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL</b>	<b>CAST MOHAWK MAX WHEEL</b> for <b>JD 7000* 7100* 7200** 7300** 1700 &amp; HI</b> <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL</b>
PRICE	100.00	75.00	120.00	140.00

PHOTO		
PART #	MOML	MOMR
DETAILS	<b>LEFT SIDE</b> MOHAWK COMPLETE for <b>JD 7200 7300 &amp; HI</b> Cast spikes, plastic wheel & <b>METRIC BEARING</b> PART #5203TN1 <b>1 SIDE = 1 WHEEL LEFT OR RIGHT</b>	<b>RIGHT SIDE</b> MOHAWK COMPLETE for <b>JD 7200 7300 &amp; HI</b> Cast spikes, plastic wheel & <b>METRIC BEARING</b> PART #5203TN1 <b>1 SIDE = 1 WHEEL LEFT OR RIGHT</b>
PRICE	100.00	

## STEEL MOHAWK RING

PHOTO	
PART #	SMOR
DETAILS	STEEL MOHAWK RING - spiked steel wheel with rubber insert <b>1 SIDE = 1 RING</b>
PRICE	60.00

## CLOSING WHEEL PARTS

PHOTO	PART #	DETAILS	PRICE
	ABP	CLOSING WHEEL ADAPTER BOLT PKG for use with complete assemblies on <b>JD 7000 &amp; 7100</b> series that have a water pump bearing with hole <b>2 SIDES = 1 ROW</b>	24.00
	APL502002 5203KYY2	5/8" OEM BORE <b>STANDARD BEARING</b> for CLOSING WHEELS	20.00
	5203TN1	<b>METRIC BEARING</b> for CLOSING WHEELS on <b>JD 7200 7300</b>	12.00
	AA35741	<b>WATER PUMP BEARING</b> for <b>JD 7000 7100</b> Gauge wheel stem bearing with cross drilled hole	12.00
	MED (3/22) RUBBER INSERT	MOHAWK or ZIPPER RING rubber insert only	2.00
	4LCVMB	<b>4-LINK V CLOSING WHEEL BRACKET &amp; bolt kit</b>	50.00
	MOZBP	Mounting hardware package for CLOSING WHEELS <b>2 WHEELS = 1 ROW</b>	10.00
	MOZSP	Spacer kit for CLOSING WHEELS <b>1 1/2" spacer &amp; 1 1/4" spacer</b>	2.50

# ZIPPER CLOSING WHEELS






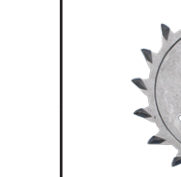








PHOTO								
PART #	ZPL	ZPR	ZRL	ZRR	ZCL	ZCR	ZMAXL	ZMAXR
DETAILS	<b>LEFT SIDE SILVER</b> <b>RIGHT SIDE GOLD</b> ZIPPER COMPLETE for <b>JD 7000* 7100* 7200 7300 1700</b> series & <b>HI</b> Cast spikes, plastic wheel & <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL LEFT OR RIGHT</b>	<b>LEFT SIDE SILVER</b> <b>RIGHT SIDE GOLD</b> ZIPPER RING - spiked cast wheel with rubber insert <b>1 SIDE = 1 RING LEFT OR RIGHT</b>			<b>LEFT SIDE</b> <b>RIGHT SIDE</b> <b>CAST ZIPPER WHEEL</b> for <b>JD 7000* 7100* 7200** 7300** 1700</b> series & <b>HI</b> <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL LEFT OR RIGHT</b>	<b>LEFT SIDE</b> <b>RIGHT SIDE</b> <b>CAST ZIPPER MAX WHEEL</b> for <b>JD 7000* 7100* 7200** 7300** 1700</b> & <b>HI</b> <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL LEFT OR RIGHT</b>		
PRICE	106.00		85.00		125.00		145.00	

PHOTO		
PART #	ZPLM	ZPRM
DETAILS	<b>LEFT SIDE SILVER</b> <b>RIGHT SIDE GOLD</b> ZIPPER COMPLETE for <b>JD 7200 7300</b> series & <b>HI</b> Cast spikes, plastic wheel & <b>METRIC BEARING</b> PART #5203TN1 <b>1 SIDE = 1 WHEEL LEFT OR RIGHT</b>	
PRICE	106.00	

## HUBS

PHOTO	PART #	DETAILS	PRICE
	PRESS WHEEL PLASTIC HALF	PRESS WHEEL <b>PLASTIC HALF</b> / Cover Crop Cover <b>1 HALF</b>	15.00
	PWBP	PRESS WHEEL BOLT PKG holds plastic halves together	5.00
	MOZHS	<b>SHALLOW DISH HUB</b> for CLOSING WHEELS <b>1 SIDE = 1 HUB</b>	15.00
	MOZH	<b>DEEP DISH HUB</b> for <b>CAST</b> CLOSING WHEELS & <b>JD 7200</b> <b>1 SIDE = 1 HUB</b>	15.00
	MOZFP	FLAT COVER PLATE for <b>CAST</b> Mohawk & Zipper wheels <b>1 SIDE = 1 HUB</b>	15.00

## CHICKEN TRACKER

PHOTO	
PART #	CT2X12
DETAILS	<b>2" x 12" CHICKEN TRACKER</b> <b>1 SIDE = 1 WHEEL</b>
PRICE	150.00


# FURROW V CLOSER®

Two options of FVC disc to choose from, plastic or steel. Only one gauging tool is required per set and will be included with every order of Furrow V Closer kit parts.

## JOHN DEERE 1700


### HARVEST INTERNATIONAL

REQUIRED KIT PARTS 1 ROW

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	FVCJD17MB	FURROW V CLOSER MOUNTING BRACKET for <b>JD 1700</b> series planters		21.25
	FVCSSS	FURROW V CLOSER SHAFT for <b>JD 1700</b> –Short shaft and short thread	√	12.95
	FVCPBDH	<b>GREY/BLACK POLY</b> FURROW V CLOSER BEARING DISC HUB		40.00
	FVCSBDH	<b>STEEL</b> Select 1 of 2 disc assembly options		50.00
		FURROW V CLOSER GAUGING TOOL for <b>JD 1700</b> 1 gauging tool per FVC order will be included		


## JOHN DEERE 7000 7100 7200 7300

REQUIRED KIT PARTS 1 ROW

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	FVCJDKMB	FURROW V CLOSER MOUNTING BRACKET for <b>JD 7000 7100 7200 7300</b> series planters		21.25
	FVCSSS	FURROW V CLOSER SHAFT for <b>JD 7000 7100 7200 7300</b> –Short shaft and short thread	√	12.95
	FVCPBDH	<b>GREY/BLACK POLY</b> FURROW V CLOSER BEARING DISC HUB		40.00
	FVCSBDH	<b>STEEL</b> Select 1 of 2 disc assembly options		50.00
		FURROW V CLOSER GAUGING TOOL for <b>JD 7000 7100 7200 7300</b> 1 gauging tool per FVC order will be included		

## JOHN DEERE 71 FLEX


REQUIRED KIT PARTS 1 ROW

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	FVCJD71MB	FURROW V CLOSER MOUNTING BRACKET for <b>JD 71 FLEX</b> planters		21.25
	FVCLL	FURROW V CLOSER SHAFT for <b>JD 71 FLEX</b> –Long shaft and long thread	√	12.95
	FVCPBDH	<b>GREY/BLACK POLY</b> FURROW V CLOSER BEARING DISC HUB		40.00
	FVCSBDH	<b>STEEL</b> Select 1 of 2 disc assembly options		50.00
		FURROW V CLOSER GAUGING TOOL for <b>JD 71 FLEX</b> 1 gauging tool per FVC order will be included		



UNIVERSAL DO IT YOURSELF

REQUIRED KIT PARTS 1 ROW

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	FVCUMB	FURROW V CLOSER MOUNTING BRACKET for <b>UNIVERSAL-DO IT YOURSELF</b> planters		21.25
	FVCLL	FURROW V CLOSER SHAFT for <b>UNIVERSAL</b> -Long shaft and long thread	√	12.95
	FVCPBDH	<b>GREY/BLACK POLY</b> FURROW V CLOSER BEARING DISC HUB		40.00
	FVCSBDH	<b>STEEL</b> <i>Select 1 of 2 disc assembly options</i>		50.00
		FURROW V CLOSER GAUGING TOOL for <b>UNIVERSAL</b> <i>1 gauging tool per FVC order will be included</i>		




FURROW V CLOSER KIT PARTS

PART #	FVCPD	FVCSD	FVCB	FVCH	FVCPBDH	FVCSBDH	FVCGT
DETAILS	FVC GREY/ BLACK <b>POLY</b> DISC	FVC <b>STEEL</b> DISC	FVC BEARING	FVC HUB	FVC BEARING, <b>POLY</b> DISC & HUB	FVC BEARING, <b>STEEL</b> DISC & HUB	FVC GAUGING TOOL
PRICE	10.50	23.22	19.75	13.90	40.00	50.00	4.00

# OPENER DISC BLADES

## B-TOEM



These are the blades we have in stock. Please call 800-382-2607 for all other styles/models.

PHOTO	PART #	DETAILS	PRICE
	AA53860BA#	B-TOEM BLADE for <b>JOHN DEERE MAXEMERGE MAXEMERGE 2 PLUS PRO</b> series planters 15" diameter, <b>204 bearing</b> , <b>3.5mm thickness</b>	call for pricing
	AA65248HDBA#	B-TOEM BLADE for <b>JOHN DEERE MAXEMERGE XP XP PRO ME5 EXACTEMERGE</b> series planters <b>HEAVY DUTY</b> 15" diameter, <b>205DR</b> , <b>3.5mm thickness</b>	
	95009BA#	B-TOEM BLADE for <b>HARVEST INTERNATIONAL LASER PRO 1</b> 15" diameter, <b>204DR bearing</b> , <b>3.5mm thickness</b>	

# GAUGE WHEELS



## CHICKEN TRACKER

1 SIDE = 1 WHEEL

PHOTO	PART #	DETAILS	PRICE
	CT4X13	CHICKEN TRACKER GAUGE WHEEL - <b>4" x 13"</b> metal gauge wheel/ closing wheel. For strip-till & gauge wheels on planters & strip-till machines	160.00
	CT4X16	CHICKEN TRACKER GAUGE WHEEL - <b>4" x 16"</b> metal gauge wheel. For gauge wheels on planters & strip-till machines	175.00
	GWCT4X13	CHICKEN TRACKER GAUGE WHEEL with <b>INSERT - 4" x 13"</b>	190.00
	GWCT4X16	CHICKEN TRACKER GAUGE WHEEL with <b>INSERT - 4" x 16"</b>	205.00

## MUDLUG

1 SIDE = 1 WHEEL

PHOTO	PART #	DETAILS	PRICE
	MLGW3	MUDLUG GAUGE WHEEL - <b>3" x 16"</b>	135.00
	MLGW45	MUDLUG GAUGE WHEEL - <b>4.5" x 16"</b>	135.00
	MLGWCP	OPTIONAL PLATE COVER for MUDLUG GAUGE WHEELS	18.00

# WHEEL SCRAPERS

We have gauge and press wheel scrapers available for John Deere and Harvest International, as well as gauge arms with or without scraper.




## PRESS WHEEL SCRAPER

PHOTO	PART #	DETAILS	PRICE
	PWSJDK	PRESS WHEEL SCRAPER KIT for <b>JOHN DEERE</b> & <b>HARVEST INTERNATIONAL</b> planters with <b>ANGULAR PRESS WHEELS</b> <b>1 COMPLETE ROW = 2 SIDES</b>	50.00

## GAUGE WHEEL SCRAPER

*Must order 2 sides for 1 complete row*


PHOTO	PART #	DETAILS	PRICE
	GWSJDKS	GAUGE WHEEL SCRAPER KIT for <b>JOHN DEERE</b> & <b>HARVEST INTERNATIONAL</b> <b>1 SINGLE SIDE</b> <i>Needs to be welded onto planter</i>	40.00

### GAUGE WHEEL SCRAPER KIT PARTS FOR JOHN DEERE & HARVEST INTERNATIONAL 1 SINGLE SIDE



PHOTO				
PART #	GWSJDKA	GWSJDKP	GWSJDKW	GWSJDKBK
DETAILS	GAUGE WHEEL SCRAPER ARM	GAUGE WHEEL SCRAPER PLASTIC PART	GAUGE WHEEL SCRAPER WELDON	GAUGE WHEEL SCRAPER BOLT PKG
PRICE	20.00	10.00	15.00	5.00

## GAUGE WHEEL ARM SCRAPER

*Must order 2 sides for 1 complete row*

PHOTO	PART #	DETAILS	PRICE
	GWSJDKN	GAUGE WHEEL ARM SCRAPER KIT for <b>JOHN DEERE</b> & <b>HARVEST INTERNATIONAL</b> planters with <b>COYOTE ARM</b> PART # GAUGE ARM KIT - COYOTE, <i>see below</i> <b>1 SINGLE SIDE</b>	45.00

## GAUGE ARM


PHOTO	PART #	DETAILS	PRICE
	GAUGE ARM KIT - COYOTE	COYOTE GAUGE WHEEL ARM KIT for <b>JOHN DEERE</b> & <b>HARVEST INTERNATIONAL</b> <b>1 SIDE = 1 ARM</b> <i>Need 2 arms for 1 complete row</i>	85.00
	GAUGE ARM KIT - NORSEMAN	NORSEMAN roller bearing GAUGE WHEEL ARM KIT for <b>JOHN DEERE</b> & <b>HARVEST INTERNATIONAL</b> <b>2 SIDES = 1 ROW</b>	159.00

## OTHER PRODUCTS


Questions or can't find what you're looking for? We're happy to help! Call us toll-free 800-382-2607 M-F 8AM-5PM CST

## CASE CLOSING DISCS

*Need both left & right closing discs for 1 row*

PHOTO	PART #	DETAILS		PRICE
	P6000L	<b>LEFT SIDE SILVER</b>	NOTCHED COVERING DISC ASSEMBLY for <b>JOHN DEERE &amp; HARVEST INTERNATIONAL</b>	45.00
	P6001R	<b>RIGHT SIDE BLACK</b>	8" diameter. <b>1 DISC LEFT OR RIGHT</b>	

## DEPTH BAND

PHOTO	PART #	DETAILS	PRICE
	CDHUB	DEPTH CONTROL HUB for <b>9" DISCS</b>	25.00

# STALK DESTROYER

PHOTO	PART #	DETAILS	PRICE
	STALKDESTROYER	STALK DESTROYER INCLUDES: 4 9/16" x 9-1/2" Long G8 Bolts.	250.00

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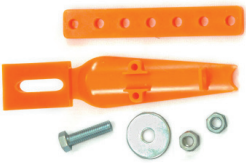




## CASE IH *Planters*

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# REBOUNDER® SEED COVERS

Place all your seeds at the bottom of the furrow with the Rebounder. Add an optional fitting for in-furrow liquid placement.

## REBOUNDERS FOR CASE IH PLANTERS

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	OIH	ORANGE REBOUNDER for <b>CASE IH 800 900 950 955</b> series planters — <b>VERIFY SEED BOOT</b> IF UPDATING SEED BOOT USE OIH12N & MOUNTING BRACKET.		30.00
	OIH12	ORANGE REBOUNDER for <b>CASE IH 1200</b> series planters with seed boot <b>BEFORE 2009</b>	√	30.00
	IH12MB	MOUNTING BRACKET for <b>CIH 1200 BEFORE 2009</b> INCLUDES: Bracket, roll pin & nut		12.50
	OIH12N	ORANGE REBOUNDER for <b>CASE IH 1200 NEW</b> series planters with seed boot <b>AFTER 2009</b>	√	30.00
	IH12NMB	MOUNTING BRACKET for <b>CIH 1200 NEW AFTER 2009</b> INCLUDES: Bracket, metal plate, roll pin & nut		12.50
	OIH12N	ORANGE REBOUNDER for <b>CASE IH 1200</b> series planters with <b>SPEEDTUBE™</b> seed boot	√	30.00
	IHSMB	MOUNTING BRACKET for <b>CIH 1200</b> with <b>SPEEDTUBE™</b> seed boot. INCLUDES: 2-piece bracket & nut		14.50
	OIH21	ORANGE REBOUNDER for <b>CASE IH 2100</b> series planters	√	30.00
	IH21MB	MOUNTING BRACKET for <b>CIH 2100</b> INCLUDES: Bracket, roll pin & nut		12.50



### REBOUNDER PARTS



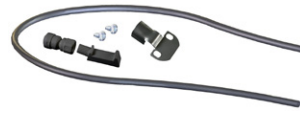
PHOTO	PART #	DETAILS	PRICE
	IH TEMPLATE	REPLACEMENT TEMPLATE for <b>OIH</b> REBOUNDERS	2.00
	ROLL PIN 14 X 115	1/4" x 1 1/2" roll pin used in <b>IH12MB</b> and <b>IH12NMB</b>	1.36
	ROLL PIN 14 X 1125	1/4" x 1 1/4" roll pin used in <b>IH21MB</b>	1.35



**FOR MORE CASE IH REBOUNDERS, SEE OTHER PLANTERS, PAGE 109**

# OPTIONAL FITTINGS








We have three optional fittings to choose from—Y-Not Split It, Hose Holder, and Straight Shot (fits OIH12 Rebounder only). Also available are stainless steel tubes.

IN-FURROW OPTIONAL FITTING for <b>CASE IH 800 900 950</b> 955 type <b>REBOUNDER</b> 2 options for OIH & IH <b>1 ROW = 1 KIT</b>	PHOTO			Straight Shot not available for 800-955 Rebounders
	PART #	YIH	HHI	
	DETAILS	<b>Y-NOT SPLIT-IT®</b> COMPLETE KIT	<b>HOSE HOLDER™</b> COMPLETE KIT	
	PRICE	6.75	6.00	






IN-FURROW OPTIONAL FITTING for <b>CASE IH 1200</b> type <b>REBOUNDER</b> 3 options for OIH12 <b>1 ROW = 1 KIT</b>	PHOTO			
	PART #	YIH12	HH12	SSK12
	DETAILS	<b>Y-NOT SPLIT-IT®</b> COMPLETE KIT	<b>HOSE HOLDER™</b> COMPLETE KIT	<b>STRAIGHT SHOT™</b> COMPLETE KIT
	PRICE	6.75	6.00	7.50

IN-FURROW OPTIONAL FITTING for <b>CASE IH 1200 NEW</b> <b>CASE IH 2100</b> type <b>REBOUNDER</b> 2 options for OIH12N & OIH21 <b>1 ROW = 1 KIT</b>	PHOTO			Straight Shot not available for new- style 1200 and 2100 Rebounders
	PART #	YIH12	HH12	
	DETAILS	<b>Y-NOT SPLIT-IT®</b> COMPLETE KIT	<b>HOSE HOLDER™</b> COMPLETE KIT	
	PRICE	6.75	6.00	

## OPTIONAL FITTING KIT PARTS 1 ROW

#							
	LBK	PY	MY	MPK	SSQC	SSTP	SSMPK
	L bracket kit	Y only	Flow restricting micro Y reduces outflow volume by 1/2	Y-NOT metal plate & screws	STRAIGHT SHOT with quick coupler	STRAIGHT SHOT threaded piece	STRAIGHT SHOT metal plate & screws
\$	3.25	2.90	2.90	4.40	6.25	3.00	4.40

## STAINLESS STEEL TUBES No discounts given on Totally Tubular tubes



PHOTO	PART #	DETAILS	PRICE
	STIH	STAINLESS STEEL TUBE used in conjunction with Rebounder <b>CASE IH 800 900 950</b> take <b>LEFT</b> / <b>955 1200</b> take <b>LEFT &amp; RIGHT</b>	19.95
	TT100	TOTALLY TUBULAR STAINLESS STEEL TUBE for <b>CASE IH 800 900 950 955 &amp; OLDER 1200</b> series planters	28.50
	TT10012	TOTALLY TUBULAR STAINLESS STEEL TUBE for <b>NEWER CASE IH 1200</b> planters	30.00
	TT125	TOTALLY TUBULAR STAINLESS STEEL TUBE for <b>CASE IH 1200</b> planters below seed option	30.00
	TT300	TOTALLY TUBULAR STAINLESS STEEL TUBE for <b>CASE IH 1200</b>	45.00





# 4-LINK TAIL SECTIONS

The 4-Link Closer™ is a ground following dual parallel linkage tail sections that help provide superior closure in uneven planting conditions. Five ground attachments to choose from: V Closing Wheels, G2, G3, G4, or Y-Cam. Also available is the 4-Link Force™ with pneumatic down pressure. Call 800-382-2607 for information.

**CASE IH 800 900 950 955 1200 1250** REQUIRED KIT PARTS **1 ROW**



PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	4LC	4 LINK CLOSER ASSEMBLY for <b>CASE IH 800 900 950 955 1200 1250</b> series planters	√	625.00
	4LCIH812MB	4 LINK CLOSER MOUNTING BRACKET KIT for <b>800-1250</b> INCLUDES: Mounting bracket & bolt package		125.00

## MOUNTING BRACKET PARTS 1 ROW



	4LCIH812BRK	4 LINK CLOSER MOUNTING BRACKET ONLY for <b>CASE IH 800-1250</b> planters		85.00
	4LCIH812BP	4 LINK CLOSER BOLT PACKAGE ONLY for <b>800-1250</b>		45.00

**CASE IH 2100**



REQUIRED KIT PARTS **1 ROW**

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	4LC	4 LINK CLOSER ASSEMBLY for <b>CASE IH 2100</b> series planters	√	625.00
	4LCIH21MB	4 LINK CLOSER MOUNTING BRACKET KIT for <b>2100</b> INCLUDES: Mounting bracket & bolt package		95.00

## MOUNTING BRACKET PARTS 1 ROW

	4LCIH21BRK	4 LINK CLOSER MOUNTING BRACKET ONLY for <b>2100</b>		70.00
	4LCIH21BP	4 LINK CLOSER BOLT PACKAGE ONLY for <b>2100</b>		31.00

## 4 LINK CLOSER GROUND ATTACHMENT OPTIONS

GROUND ATTACHMENT MOUNTING BRACKET for 4 LINK CLOSER  See corresponding sections on following pages  <b>1 ROW</b>	PHOTO		
	PART #	4LCG2MB50	4LCVMB
	DETAILS	4 LINK MOUNTING BRACKET & bolt kit for G SERIES <b>G2 G3 G4</b> and <b>Y-CAM</b>	4 LINK <b>V CLOSING WHEEL BRACKET</b> & bolt kit
	PRICE	50.00	50.00



# Y-CAM

The Y-Cam™ Closing System allows you to install the Chicken Tracker press wheel onto the 4-Link. Other options are closing disc size and style, and 2x2 dual fertilizer.



## Y-CAM CLOSING SYSTEM

REQUIRED KIT PARTS **1 ROW**

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	YCAM-AH-LEFT	<b>LEFT SIDE</b> Y-CAM PIVOT KIT	√	230.00
	YCAM-AH-RIGHT	<b>RIGHT SIDE</b> INCLUDES: Y-Cam bracket & bolt package		
	4LCG2MB50	4 LINK Y-CAM MOUNTING BRACKET INCLUDES: Mounting ears & bolt package		50.00
	YCAM-PWK	Y-CAM PRESS WHEEL BOLT PKG INCLUDES: Press wheel mounting hardware		25.00
	YCAM-CDK	Y-CAM COVERING DISC BOLT PKG INCLUDES: Covering disc mounting hardware		20.00

OPTIONAL KIT PARTS **1 ROW**


	YCAM-FTK	Y-CAM DUAL FERTILIZER TUBES KIT INCLUDES: Dual tubes, mounting hardware & injector orifice <i>*Refer to chart on page 149 for proper orifice size and part #</i>		60.00
	YCAM-LEVEL	Y-CAM LEVEL KIT		15.00

**FOR HOSE ADAPTER KITS, SEE PAGE 148**

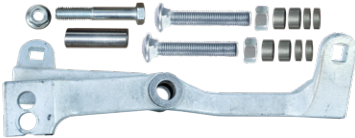



<b>PRESS WHEEL</b> for Y-CAM  2 options to choose from  <b>1 ROW</b> = <b>1 WHEEL</b>  √ MT BKT REQ'D	PHOTO			<b>COVER DISC PARTS</b>	
	PART #	CT4	CT6	#	CDHUB
	DETAILS	4" x 12" <b>CHICKEN TRACKER</b>	6" x 12" <b>CHICKEN TRACKER</b>		DEPTH CONTROL HUB for <b>9" DISCS</b>
	PRICE	150.00	160.00	\$	25.00
<b>COVERING DISCS</b> for Y-CAM  3 options to choose from  <b>1 SIDE</b> = <b>1 DISC</b>  Need 2 discs per row √ MT BKT REQ'D	PHOTO				
	PART #	G29BDH	G2PTBDHL	G2PTBDHR	G210NBDH
	DETAILS	<b>9" DISC</b> Bearing, Disc, & Hub	<b>LEFT SIDE</b> <b>9" STP DISC</b> Bearing, serrated PT STP Disc, & Hub	<b>RIGHT SIDE</b>	<b>10.5" NOTCHED DISC</b> Bearing, notched Disc, & Hub
	PRICE	60.00	80.00	80.00	80.00








# G SERIES

The G4™, G3™, and G2™ walking beam axles space out the closing wheels. The G2 and G4 provide the option for applying liquid 2x2. On Case IH planters, the G Series must be used in tandem with the 4-Link Closer.

MOUNTING BRACKET for G SERIES  <i>What are you mounting to?</i>  <b>1 ROW = 1 KIT</b>	PHOTO	
	PART #	4LCG2MB50
	DETAILS	<b>4 LINK G2 G3 G4</b> MOUNTING BRACKET & bolt kit
	PRICE	50.00






WALKING BEAM ARM for G SERIES  <i>4 options to choose from</i>  <b>1 ROW = 1 ARM KIT LEFT OR RIGHT SIDE</b>  √ MT BKT REQ'D	PHOTO		
	PART #	G2CAHL	G2CAHR
	DETAILS	<b>LEFT</b> <b>G2 CAST</b> ARM, wheel bolts & mounting hardware	<b>RIGHT</b>
	PRICE	179.00	
	PHOTO		
	PART #	G2AHL	G2AHR
	DETAILS	<b>LEFT</b> <b>G2</b> ARM, wheel bolts & mounting hardware	<b>RIGHT</b>
	PRICE	168.00	
	PHOTO		
	PART #	G3AHL	G3AHR
	DETAILS	<b>LEFT</b> <b>G3</b> ARM, wheel bolts & mounting hardware	<b>RIGHT</b>
	PRICE	168.00	
	PHOTO		
	PART #	G4AHL	G4AHR
	DETAILS	<b>LEFT</b> <b>G4</b> ARM, wheel bolts & mounting hardware	<b>RIGHT</b>
	PRICE	231.00	

WALKING BEAM ARM KIT PARTS										1 ROW LEFT OR RIGHT SIDE	
PHOTO											
PART #	G2CAL	G2CAR	G2AL	G2AR	G3AL	G3AR	G4AL	G4AR	G2/3ABP	G4ABP	AXLE BOLT
DETAILS	<b>LEFT</b> <b>G2 CAST</b> ARM ONLY	<b>RIGHT</b>	<b>LEFT</b> <b>G2</b> ARM ONLY	<b>RIGHT</b>	<b>LEFT</b> <b>G3</b> ARM ONLY	<b>RIGHT</b>	<b>LEFT</b> <b>G4</b> ARM ONLY	<b>RIGHT</b>	<b>G2 G3</b> ARM BOLT KIT ONLY INCLUDES: Wheel bolts & mounting hardware	<b>G4</b>	AXLE BOLT KIT
PRICE	150.00		138.00		138.00		200.00		30.00	30.00	20.00

**\*\*Refer to charts on page 149 to determine injector orifice size & part # \*\***

<b>FERTILIZER DISCS for G2 G4</b>  3 options to choose from  <b>1 ROW = 1 DISC</b>  √ MT BKT REQ'D	PHOTO					<b>FERTILIZER DISC PARTS</b>			
	PART #	G28BDH	G29BDH	G2PTBDHL	G2PTBDHR		G2B	BEARING for FERTILIZER DISC with <b>5/8" BORE</b>	15.00
	DETAILS	<b>8" DISC</b>   <b>9" DISC</b> <b>SMOOTH DISC</b> Bearing, Disc, & Hub		<b>LEFT SIDE</b>   <b>RIGHT SIDE</b> <b>9" STP DISC</b> Bearing, serrated PT STP Disc, & Hub			G2HB	HUB and BEARING	25.00
	PRICE	60.00	60.00	80.00			CDHUB	DEPTH CONTROL HUB for <b>9" DISCS</b>	25.00

<b>COMPLETE FERTILIZER KIT for G2 G4</b>  <b>1 ROW = 1 KIT LEFT OR RIGHT SIDE</b>  DISC NOT INCLUDED	PHOTO						
	PART #	G2FRTK-L	G2FRTK-R	G2DL	G2DR	G4FRTK-L	G4FRTK-R
	DETAILS	<b>LEFT</b>   <b>RIGHT</b> COMPLETE <b>G2</b> FERTILIZER KIT with mounting hardware & injector orifice**		<b>LEFT</b>   <b>RIGHT</b> <b>G2 DUAL</b> FERTILIZER TUBE KIT with mounting hardware & injector orifice **		<b>LEFT</b>   <b>RIGHT</b> COMPLETE <b>G4</b> FERTILIZER KIT with mounting hardware & injector orifice **	
	PRICE	55.00		35.00		65.00	






**G2 FERTILIZER KIT PARTS**

**1 ROW LEFT OR RIGHT SIDE**

PHOTO							
PART #	G2FDMBHL	G2FDMBHR	G2FABK	G2SST	G2FAB	G2FBL	G2FBR
DETAILS	<b>LEFT</b>   <b>RIGHT</b> G2 FERTILIZER DISC MOUNTING BRACKET & hardware		G2 FERTILIZER TUBE KIT, hardware & injector orifice**	G2 2-SLOTTED STAINLESS STEEL TUBE ONLY	G2 FERTILIZER ADJUSTABLE BRACKET STAINLESS STEEL PIVOT	<b>LEFT</b>   <b>RIGHT</b> G2 FERTILIZER BRACKET ONLY	
PRICE	25.00		45.00	15.00	30.00	20.00	

**G4 FERTILIZER KIT PARTS**

**1 ROW LEFT OR RIGHT SIDE**




PHOTO							
PART #	G4FMBN	G4FTL	G4FTR	G4SST	FDIHBKTL-SS	FDIHBKTLR-SS	G4W
DETAILS	G4 FERTILIZER DISC MOUNTING BRACKET & hardware	<b>LEFT</b>   <b>RIGHT</b> G4 FERTILIZER TUBE KIT, hardware & injector orifice**		G4 1-SLOTTED STAINLESS STEEL TUBE ONLY	<b>LEFT</b>   <b>RIGHT</b> G4 FERTILIZER TUBE MOUNTING BRACKET ONLY		<b>G4 WEIGHT</b> & hardware for <b>NO FERTILIZER</b>
PRICE	25.00	35.00		15.00	25.00		40.00

**FOR HOSE ADAPTER KITS, SEE PAGE 148**





# CLOSING WHEELS

Our most popular press wheel for Case IH planters is the 4" and 6" Chicken Tracker™. The Mohawk™ and Zipper™ angled spike closing wheels, along with the 2" Chicken Tracker, can be used in tandem with the 4-Link Closer (V Closing Bracket required) or Closing Wheel Conversion Kit.


## MOHAWK CLOSING WHEELS

PHOTO			
PART #	MO	CMO	MMAX
DETAILS	MOHAWK COMPLETE for <b>G SERIES</b> Cast spikes, plastic wheel & <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL</b>	<b>CAST MOHAWK WHEEL</b> for <b>G SERIES</b> <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL</b>	<b>CAST MOHAWK MAX WHEEL</b> for <b>G SERIES</b> <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL</b>
PRICE	100.00	120.00	140.00

## ZIPPER CLOSING WHEELS


PHOTO						
PART #	ZPL	ZPR	ZCL	ZCR	ZMAXL	ZMAXR
DETAILS	<b>LEFT SIDE SILVER</b>	<b>RIGHT SIDE GOLD</b>	<b>LEFT SIDE</b>	<b>RIGHT SIDE</b>	<b>LEFT SIDE</b>	<b>RIGHT SIDE</b>
	ZIPPER COMPLETE for <b>G SERIES</b> Cast spikes, plastic wheel & <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL</b> <b>LEFT OR RIGHT</b>		<b>CAST ZIPPER WHEEL</b> for <b>G SERIES</b> <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL</b> <b>LEFT OR RIGHT</b>		<b>CAST ZIPPER MAX WHEEL</b> for <b>G SERIES</b> <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL</b> <b>LEFT OR RIGHT</b>	
PRICE	106.00		125.00		145.00	

## 4-LINK *Required for 4-Link Closer*




PHOTO	
PART #	4LCVMB
DETAILS	4 LINK <b>V CLOSING WHEEL BRACKET</b> & bolt kit
PRICE	50.00

## CONVERSION KIT

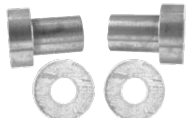
Converts original single press wheel to dual v-closing wheels

PHOTO	PART #	DETAILS	PRICE
	IHCONVK	<b>V CLOSING WHEEL CONVERSION BRACKET KIT</b> for <b>CASE IH 800 900 1200</b> series planters INCLUDES: Mounting hardware & shim washers <b>1 ROW</b>	112.50






# CHICKEN TRACKER

PHOTO			
PART #	CT2X12	CT4	CT6
DETAILS	<b>2" x 12"</b> CHICKEN TRACKER for <b>G SERIES</b> <b>1 SIDE = 1 WHEEL</b>	<b>4" x 12"</b> CHICKEN TRACKER for <b>CASE IH</b> planters <b>1 ROW = 1 WHEEL</b>	<b>6" x 12"</b> CHICKEN TRACKER for <b>CASE IH</b> planters <b>1 ROW = 1 WHEEL</b>
PRICE	150.00	150.00	160.00




## CHICKEN TRACKER PARTS

PHOTO	PART #	DETAILS	PRICE
	CTBR	CHICKEN TRACKER BUSHING KIT - 5/8" bushing reducer kit for <b>CASE IH 950 &amp; OLDER</b> planters <b>1 ROW = 2 BUSHINGS</b>	10.00

## HUBS

PHOTO	PART #	DETAILS	PRICE
	PRESS WHEEL PLASTIC HALF	PRESS WHEEL <b>PLASTIC HALF</b> / Cover Crop Cover <b>1 HALF</b>	15.00
	PWBP	PRESS WHEEL BOLT PKG holds plastic halves together	5.00
	MOZHS	<b>SHALLOW</b> DISH HUB for CLOSING WHEELS <b>1 SIDE = 1 HUB</b>	15.00
	MOZH	<b>DEEP</b> DISH HUB for <b>CAST</b> CLOSING WHEELS <b>1 SIDE = 1 HUB</b>	15.00
	MOZFP	FLAT COVER PLATE for <b>CAST</b> CLOSING WHEELS <b>1 SIDE = 1 HUB</b>	15.00

## CLOSING WHEEL PARTS

PHOTO	PART #	DETAILS	PRICE
	MOZBP	Mounting hardware package for CLOSING WHEELS <b>2 WHEELS = 1 ROW</b>	10.00
	MOZSP	Spacer kit for CLOSING WHEELS INCLUDES: <b>1</b> 1/2" spacer & <b>1</b> 1/4" spacer	2.50
	APL502002 5203KYY2	5/8" OEM BORE <b>STANDARD BEARING</b> for CLOSING WHEELS & CHICKEN TRACKER	20.00






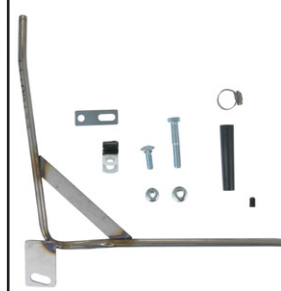
# SIDE PLACEMENT TUBES

Single 2x2 and dual 2x2x2 side placement stainless steel liquid fertilizer tubes for Case IH.






## CASE IH 800 900 950 955 1200 1250

There are Short Left tubes, Short Right tubes, Long Left tubes, & Long Right tubes. The following chart uses an 8-row planter as an example depicting how many of which tube to use for single and dual side application.






CASE IH	SIDE APPLICATION	IHSSL SHORT LEFT	IHSSR SHORT RIGHT	IHSSL LONG LEFT	IHSSLR LONG RIGHT
<b>800 900 950</b>	<b>SINGLE</b> 8 ROW ▶ 8 TUBES	<b>ALL</b> SHORT LEFT for single side 8 ROW ▶ 8 TUBES			
	<b>DUAL</b> 8 ROW ▶ 16 TUBES	<b>ALL</b> SHORT LEFT for single side 8 ROW ▶ 8 TUBES			<b>ALL</b> LONG RIGHT for dual side 8 ROW ▶ 8 TUBES
<b>955 1200 1250</b>	<b>SINGLE</b> 8 ROW ▶ 8 TUBES	<b>HALF</b> SHORT LEFT for single side 8 ROW ▶ 4 TUBES	<b>HALF</b> SHORT RIGHT for single side 8 ROW ▶ 4 TUBES		
	<b>DUAL</b> 8 ROW ▶ 16 TUBES	<b>HALF</b> SHORT LEFT for single side 8 ROW ▶ 4 TUBES	<b>HALF</b> SHORT RIGHT for single side 8 ROW ▶ 4 TUBES	<b>HALF</b> LONG LEFT for dual side 8 ROW ▶ 4 TUBES	<b>HALF</b> LONG RIGHT for dual side 8 ROW ▶ 4 TUBES

<div>2X2 FERTILIZER TUBE KIT for CASE IH 800 - 1200</div> <div>Refer to above chart to select proper tubes</div> <div>1 SIDE = 1 TUBE</div> <div>Need 2 sides for dual application</div>									
	#	IHSSL		IHSSR		IHSSL		IHSSLR	
		LEFT		RIGHT		LEFT		RIGHT	
		SHORT				LONG			
		CASE IH 2X2 stainless steel liquid FERTILIZER TUBE, OD 3/8" INCLUDES: Mounting hardware & injector orifice*Refer to chart on page 149 for proper orifice size and part #							
\$	45.00				47.00				

## HOSE ADAPTER KITS For single & dual stainless steel liquid fertilizer tubes with 3/8" OD








PHOTO					
PART #	IHSSYHB	IHSSY38QC	IHSSY14QC	HA38	HA14
DETAILS	<b>3/8" HB</b>	<b>3/8" QC</b>	<b>1/4" QC</b>	<b>3/8" QC</b>	<b>1/4" QC</b>
	<b>Y HOSE ADAPTER KIT for DUAL tubes</b>			<b>HOSE ADAPTER KIT for SINGLE tubes</b>	
PRICE	25.00			12.50	

## CASE IH 2100

<div>2X2 FERTILIZER TUBE KIT for CASE IH 2100</div> <div>3 options to choose from</div> <div>1 SIDE = 1 TUBE</div> <div>Need 2 sides for dual application</div>							
	#	IH21SSBL	IH21SSBR	IH21SSBS	IH21SSI-L		IH21SSI-R
		<b>LEFT</b>	<b>RIGHT</b>	<b>STRAIGHT TUBE</b>	<b>LEFT</b>		<b>RIGHT</b>
		<b>BENT TUBE</b> for placement closer to the furrow			<b>IN-BETWEEN</b>		
		<b>OUT THE BACK</b> <i>Places liquid out the back, behind the press wheel</i>			<i>Places liquid in-between the covering discs &amp; press wheel</i>		
		CASE IH 2X2 stainless steel liquid FERTILIZER TUBE, OD 3/8" INCLUDES: Mounting hardware & injector orifice <i>*Refer to chart on page 149 for proper orifice size and part #</i>					
\$	50.00				65.00		


### CASE IH 2100 OUT THE BACK FERTILIZER KIT PARTS

1 SIDE LEFT OR RIGHT

PHOTO								
PART #	IH21SSBMBH		IH21SSBFTL	IH21SSBFTR	IHG4SSFT	IH21SSTL	IH21SSTR	G4SST
DETAILS	OUT THE BACK MOUNTING BRACKET & hardware		<b>LEFT</b> OUT THE BACK BENT FERTILIZER TUBE KIT, hardware & injector orifice**	<b>RIGHT</b> OUT THE BACK BENT FERTILIZER TUBE KIT, hardware & injector orifice**	OUT THE BACK STRAIGHT FERTILIZER TUBE KIT, hardware & injector orifice**	<b>LEFT</b> OUT THE BACK BENT STAINLESS STEEL TUBE ONLY	<b>RIGHT</b> OUT THE BACK BENT STAINLESS STEEL TUBE ONLY	OUT THE BACK STRAIGHT STAINLESS STEEL TUBE ONLY
PRICE	25.00		30.00	30.00	30.00	15.00	15.00	15.00

## CASE IH 2100 SET-BACK BRACKET

Need both left & right brackets for 1 row


PHOTO	PART #	DETAILS	PRICE
	IH21SBBKTL	<b>LEFT</b> CASE IH 2100 SET-BACK bracket kit for moving the press wheel further back	18.00
	IH21SBBKTR	<b>RIGHT</b> 1 SIDE = 1 BRACKET LEFT OR RIGHT	

# FURROW V CLOSER®

Two options of FVC disc to choose from, plastic or steel. Only one gauging tool is required per set and will be included with every order of Furrow V Closer kit parts.


## CASE IH 800 900 950 955 1200

REQUIRED KIT PARTS 1 ROW

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	FVCIHMB	FURROW V CLOSER MOUNTING BRACKET for <b>CASE IH 800 900 950 955 1200</b> series planters		21.25
	FVCSSS	FURROW V CLOSER SHAFT for <b>CASE IH 800 900 950 955 1200</b> -Short shaft and short thread	√	12.95
	FVCPBDH	<b>GREY/BLACK POLY</b> FURROW V CLOSER BEARING DISC HUB		40.00
	FVCSBDH	<b>STEEL</b> Select 1 of 2 disc assembly options		50.00
		FURROW V CLOSER GAUGING TOOL for <b>UNIVERSAL</b> 1 gauging tool per FVC order will be included		

## UNIVERSAL DO IT YOURSELF

REQUIRED KIT PARTS 1 ROW

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	FVCUMB	FURROW V CLOSER MOUNTING BRACKET for <b>UNIVERSAL-DO IT YOURSELF</b> planters		21.25
	FVCLL	FURROW V CLOSER SHAFT for <b>UNIVERSAL</b> -Long shaft and long thread	√	12.95
	FVCPBDH	<b>GREY/BLACK POLY</b> FURROW V CLOSER BEARING DISC HUB		40.00
	FVCSBDH	<b>STEEL</b> Select 1 of 2 disc assembly options		50.00
		FURROW V CLOSER GAUGING TOOL for <b>UNIVERSAL</b> 1 gauging tool per FVC order will be included		

### FURROW V CLOSER KIT PARTS




PART #	FVCPD	FVCSD	FVCB	FVCH	FVCPBDH	FVCSBDH	FVCGT
DETAILS	FVC GREY/ BLACK <b>POLY</b> DISC	FVC <b>STEEL</b> DISC	FVC BEARING	FVC HUB	FVC BEARING, <b>POLY</b> DISC & HUB	FVC BEARING, <b>STEEL</b> DISC & HUB	FVC GAUGING TOOL
PRICE	10.50	23.22	19.75	13.90	40.00	50.00	4.00



# OPENER DISC BLADES

## B-TOEM



These are the blades we have in stock. Please call 800-382-2607 for all other styles/models.

PHOTO	PART #	DETAILS	PRICE
	84416318HDBA#	B-TOEM BLADE for <b>CASE IH 800 900 950 955 1200</b> series planters. Uses 5/8" x 2" bolt 14" <i>LEADING</i> diameter, <b>205 bearing, 4.5mm thickness</b>	call for pricing
	84416319HDBA#	B-TOEM BLADE for <b>CASE IH 800 900 950 955 1200</b> series planters. Uses 5/8" x 2" bolt 14" <i>TRAILING</i> diameter, <b>205 bearing, 4.5mm thickness</b>	
	47592277HDBA#	B-TOEM BLADE for <b>CASE IH 2100</b> series planters 15" diameter, <b>205 bearing, 4mm thickness</b>	

# GAUGE WHEELS



## CHICKEN TRACKER

1 SIDE = 1 WHEEL

PHOTO	PART #	DETAILS	PRICE
	CT4X13	CHICKEN TRACKER GAUGE WHEEL - <b>4" x 13"</b> metal gauge wheel/ closing wheel. <i>For strip-till &amp; gauge wheels on planters &amp; strip-till machines</i>	160.00
	CT4X16	CHICKEN TRACKER GAUGE WHEEL - <b>4" x 16"</b> metal gauge wheel. <i>For gauge wheels on planters &amp; strip-till machines</i>	175.00
	GWCT4X13	CHICKEN TRACKER GAUGE WHEEL with <b>INSERT - 4" x 13"</b>	190.00
	GWCT4X16	CHICKEN TRACKER GAUGE WHEEL with <b>INSERT - 4" x 16"</b>	205.00

## MUDLUG

1 SIDE = 1 WHEEL

PHOTO	PART #	DETAILS	PRICE
	MLGW3	MUDLUG GAUGE WHEEL - <b>3" x 16"</b>	135.00
	MLGW45	MUDLUG GAUGE WHEEL - <b>4.5" x 16"</b>	135.00
	MLGWCP	OPTIONAL PLATE COVER for MUDLUG GAUGE WHEELS	18.00



# WHEEL SCRAPERS

We have press wheel, Chicken Tracker, and gauge wheel scrapers available for Case IH.





## PRESS WHEEL SCRAPERS






**CASE IH 800 900 950 955 1200 1250**

PHOTO	PART #	DETAILS	PRICE
	PWSIH12	PRESS WHEEL SCRAPER KIT & hardware for <b>CASE IH 800-1200</b> series planters with or without Furrow V Closer <i>*Please specify if you have the FVC</i> <b>1 ROW</b>	85.00
	PWSCT12	<b>CHICKEN TRACKER PRESS WHEEL SCRAPER KIT</b> & hardware for <b>CASE IH 800-1200</b> <b>1 ROW</b>	85.00


## CASE IH 2100

PHOTO	PART #	DETAILS	PRICE
	PWSIH21	PRESS WHEEL SCRAPER KIT & hardware for <b>CASE IH 2100</b> <b>1 ROW</b> <i>The 2100 scraper bracket is 1/2" narrower than the 800-1200 bracket</i>	85.00
	PWSCT21	<b>CHICKEN TRACKER PRESS WHEEL SCRAPER KIT</b> & hardware for <b>CASE IH 2100</b> <b>1 ROW</b> <i>The 2100 scraper bracket is 1/2" narrower than the 800-1200 bracket</i>	85.00

### PRESS WHEEL SCRAPER KIT PARTS FOR CASE IH 800-1200 & 2100 **1 ROW**

					
#	PWSIHMB12	PWSIHMB21	PWSIHP	PWSCTP	PWSIHBK
	<b>CASE IH 800-1200</b> <i>*Specify if you have FVC</i> & <b>CHICKEN TRACKER</b>  PRESS WHEEL SCRAPER MOUNTING BRACKET	<b>CASE IH 2100</b> & <b>CHICKEN TRACKER</b>  PRESS WHEEL SCRAPER MOUNTING BRACKET	<b>CASE IH</b> PRESS WHEEL SCRAPER PLASTIC PART	<b>CHICKEN TRACKER</b> PRESS WHEEL SCRAPER PLASTIC PART	<b>CASE IH</b> PRESS WHEEL SCRAPER BOLT PKG
\$	75.00		15.00	15.00	5.00

## CASE IH ALL MAKES

PHOTO	PART #	DETAILS	PRICE
	PWSIHWIRE	<b>SPRING WIRE PRESS WHEEL SCRAPER KIT</b> & hardware for <b>CASE IH</b> all makes <b>1 COMPLETE ROW</b>	40.00

# GAUGE WHEEL SCRAPERS



## CASE IH 800 900 955 EARLY 1200

Early 1200 series are year 2001 model and older, where the gauge wheel arms have a water pump bearing with a shaft that has a roll pin hole in it and in the arm.

Need both left & right scraper kits for 1 row

PHOTO	PART #	DETAILS	PRICE
	GWSIH8L	<b>LEFT</b> GAUGE WHEEL SCRAPER KIT for <b>CASE IH 800 900 955 &amp; EARLY 1200</b> from 2001 & older	40.00
	GWSIH8R	<b>RIGHT</b> 1 SIDE = 1 SCRAPER KIT LEFT OR RIGHT	

### GAUGE WHEEL SCRAPER KIT PARTS FOR CASE IH 800-EARLY 1200

### 1 SINGLE SIDE

PHOTO				
PART #	GWSIH8AL	GWSIH8AR	GWSIH8P	GWSIH8BK
DETAILS	<b>LEFT</b> GAUGE WHEEL SCRAPER ARM for <b>CASE IH 800 900 955 &amp; EARLY 1200</b> 1 SIDE = 1 ARM LEFT OR RIGHT	<b>RIGHT</b>	GAUGE WHEEL SCRAPER PLASTIC PART	GAUGE WHEEL SCRAPER BOLT PKG
PRICE	35.00		15.00	5.00

## CASE IH 1200 2100

Need both left & right scraper kits for 1 row

PHOTO	PART #	DETAILS	PRICE
	GWSIH12L	<b>LEFT</b> GAUGE WHEEL SCRAPER KIT for <b>CASE IH NEWER 1200 &amp; 2100</b> with <b>5/8" X 3" BOLT</b>	45.00
	GWSIH12R	<b>RIGHT</b> 1 SIDE = 1 SCRAPER KIT LEFT OR RIGHT	

### GAUGE WHEEL SCRAPER KIT PARTS FOR NEWER CASE IH 1200 & 2100

### 1 SINGLE SIDE

PHOTO				
PART #	GWSIH12AL	GWSIH12AR	GWSIH12P	GWSIH12BK
DETAILS	<b>LEFT</b> <b>CASE IH NEWER 1200 &amp; all 2100</b> GAUGE WHEEL SCRAPER ARM	<b>RIGHT</b>	GAUGE WHEEL SCRAPER PLASTIC PART	GAUGE WHEEL SCRAPER BOLT PKG
PRICE	40.00		15.00	5.00

## OTHER PRODUCTS


Questions or can't find what you're looking for? We're happy to help! Call us toll-free 800-382-2607 M-F 8AM-5PM CST

## CASE CLOSING DISCS


*Need both left & right closing discs for 1 row*

PHOTO	PART #	DETAILS	PRICE
	P6000L	<b>LEFT SIDE SILVER</b>	NOTCHED COVERING DISC ASSEMBLY for <b>CASE IH</b> 8" diameter.  <b>1 DISC LEFT OR RIGHT</b>
	P6001R	<b>RIGHT SIDE BLACK</b>	

## DEPTH BAND

PHOTO	PART #	DETAILS	PRICE
	CDHUB	DEPTH CONTROL HUB for <b>9" DISCS</b>	25.00

# STALK DESTROYER

PHOTO	PART #	DETAILS	PRICE
	STALKDESTROYER	STALK DESTROYER INCLUDES: 4 9/16" x 9-1/2" Long G8 Bolts.	250.00

[illegible]

## KINZE *Planters*





[illegible]

# REBOUNDER® SEED COVERS


Place all your seeds at the bottom of the furrow with the Rebounder.

## REBOUNDERS FOR KINZE PLANTERS




Verify seed tube: **DOES THE KINZE PLANTER HAVE EDGE VAC SEED TUBES?**

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	OJD	ORANGE REBOUNDER FOR <b>KINZE 2000 3000</b> series planters <b>BEFORE EDGEVAC® SEED TUBE</b>		30.00
	OJDKE	ORANGE REBOUNDER for <b>KINZE EDGEVAC® SEED TUBE</b>	√	30.00
	JDKEMB	MOUNTING BRACKET for <b>KINZE EDGEVAC® SEED TUBE</b> INCLUDES: Bracket, hardware & 1 tie strap		12.50
	OBE	ORANGE REBOUNDER for <b>BULLSEYE® SEED TUBE</b> INCLUDES: Rebounder, spacer bracket & 2 tie straps		30.00
	BEMB	MOUNTING BRACKET for <b>BULLSEYE SEED TUBE</b>		1.00
	OWV	ORANGE REBOUNDER for <b>WAVEVISION® SEED TUBE</b>	√	30.00
	WVMB	MOUNTING BRACKET for <b>WAVEVISION SEED TUBE</b> INCLUDES: Bracket, hardware & 2 tie straps		12.50

### REBOUNDER PARTS



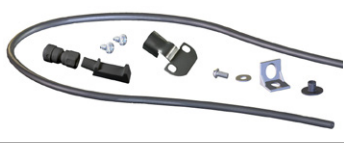
PHOTO	PART #	DETAILS	PRICE
	LT	LARGE TIE STRAP used for mounting the Rebounder to planters	1.00

## SEED FIRMER REPLACEMENT PARTS 1 REBOUNDER, 2 MOUNTING BRACKETS








PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	OKRU	<b>ASSEMBLED</b> OKR REBOUNDER and MOUNTING BRACKET that fits <b>WRAPAROUND</b> and <b>UNIVERSAL</b> mounting brackets		42.50
	OKRQ	<b>ASSEMBLED</b> OKR REBOUNDER and MOUNTING BRACKET that fits <b>QUICK ATTACH</b> mounting brackets		42.50
	OKR	ORANGE REBOUNDER for <b>SEED FIRMER TAILS</b>	√	30.00
	KRUMB	MOUNTING BRACKET for <b>OKR REBOUNDER</b> that fits <b>WRAPAROUND</b> and <b>UNIVERSAL</b> mounting brackets		12.50
	KRQMB	MOUNTING BRACKET for <b>OKR REBOUNDER</b> that fits <b>QUICK ATTACH</b> brackets		12.50

# OPTIONAL FITTINGS



Add a Rebounder optional fitting for in-furrow liquid placement. We have three optional fittings to choose from—Y-Not Split It, Straight Shot, Hose Holder. Also available are stainless steel tubes.

IN-FURROW OPTIONAL FITTING for <b>OJD</b> type <b>REBOUNDER</b>  3 options to choose from  <b>1 ROW = 1 KIT</b>	PHOTO			
	PART #	3Y	HH	SSK
	DETAILS	<b>Y-NOT SPLIT-IT®</b> COMPLETE KIT	<b>HOSE HOLDER™</b> COMPLETE KIT	<b>STRAIGHT SHOT™</b> COMPLETE KIT
	PRICE	6.75	6.00	7.50

## OPTIONAL FITTING KIT PARTS 1 ROW

							
#	LBK	PY	MY	MPK	SSQC	SSTP	SSMPK
	L bracket kit	Y only	Flow restricting micro Y reduces outflow volume by 1/2	Y-NOT metal plate & screws	STRAIGHT SHOT with quick coupler	STRAIGHT SHOT threaded piece	STRAIGHT SHOT metal plate & screws
\$	3.25	2.90	2.90	4.40	6.25	3.00	4.40

## TOTALLY TUBULAR STAINLESS STEEL TUBES *No discounts given on Totally Tubular tubes*

PHOTO	PART #	DETAILS	PRICE
	TT301	TOTALLY TUBULAR STAINLESS STEEL TUBE for <b>KINZE 3000</b> series planters	40.00
	TT401	TOTALLY TUBULAR STAINLESS STEEL TUBE for <b>KINZE 4000</b> series planters	55.00

# 4-LINK TAIL SECTIONS



The 4-Link Closer™ is a ground following dual parallel linkage tail sections that help provide superior closure in uneven planting conditions.

Five ground attachments to choose from: V Closing Wheels, G2, G3, G4, or Y-Cam.



Also available is the 4-Link Force™ with pneumatic down pressure. Call 800-382-2607 for information.

## KINZE 2000 3000 4000



REQUIRED KIT PARTS 1 ROW

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	4LCK	4 LINK CLOSER ASSEMBLY for <b>KINZE 2000 3000 4000</b> series planters	√	625.00
	4LCKMB	4 LINK CLOSER MOUNTING BRACKET KIT for <b>KINZE 2000 3000 4000</b> INCLUDES: Mounting bracket & bolt package		62.00

### MOUNTING BRACKET PARTS 1 ROW

	4LCK/M/JDBRK	4 LINK CLOSER MOUNTING BRACKET ONLY for <b>KINZE 2000 3000 4000</b>		45.00
	4LCKBP	4 LINK CLOSER BOLT PACKAGE ONLY for <b>KINZE 2000 3000 4000</b>		25.00

## 4 LINK CLOSER GROUND ATTACHMENT OPTIONS

GROUND ATTACHMENT MOUNTING BRACKET for 4 LINK CLOSER  See corresponding sections on following pages	PHOTO		
	PART #	4LCG2MB50	4LCVMB
	DETAILS	4 LINK MOUNTING BRACKET & bolt kit for G SERIES <b>G2 G3 G4</b> and <b>Y-CAM</b>	4 LINK <b>V CLOSING WHEEL BRACKET</b> & bolt kit
	PRICE	50.00	50.00
<b>1 ROW</b>			



# Y-CAM

The Y-Cam™ Closing System allows you to install the Chicken Tracker press wheel onto the 4-Link. Other options are closing disc size and style, and 2x2 dual fertilizer.



## Y-CAM CLOSING SYSTEM

REQUIRED KIT PARTS **1 ROW**

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	YCAM-AH-LEFT	<b>LEFT SIDE</b> Y-CAM PIVOT KIT	√	230.00
	YCAM-AH-RIGHT	<b>RIGHT SIDE</b> INCLUDES: Y-Cam bracket & bolt package		
	4LCG2MB50	4 LINK Y-CAM MOUNTING BRACKET INCLUDES: Mounting ears & bolt package		50.00
	YCAM-PWK	Y-CAM PRESS WHEEL BOLT PKG INCLUDES: Press wheel mounting hardware		25.00
	YCAM-CDK	Y-CAM COVERING DISC BOLT PKG INCLUDES: Covering disc mounting hardware		20.00

OPTIONAL KIT PARTS **1 ROW**

	YCAM-FTK	Y-CAM DUAL FERTILIZER TUBES KIT INCLUDES: Dual tubes, mounting hardware & injector orifice <i>*Refer to chart on page 149 for proper orifice size and part #</i>		60.00
	YCAM-LEVEL	Y-CAM LEVEL KIT		15.00

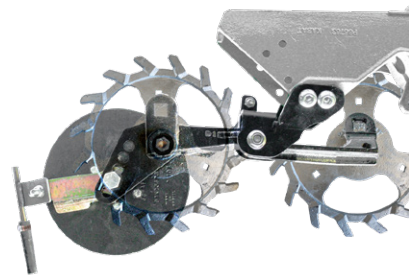
**FOR HOSE ADAPTER KITS, SEE PAGE 148**

PRESS WHEEL for Y-CAM  2 options to choose from  <b>1 ROW = 1 WHEEL</b>  √ MT BKT REQ'D	PHOTO			<b>COVER DISC PARTS</b>	
	PART #	CT4	CT6	#	CDHUB
	DETAILS	4" x 12" <b>CHICKEN TRACKER</b>	6" x 12" <b>CHICKEN TRACKER</b>		DEPTH CONTROL HUB for <b>9" DISCS</b>
	PRICE	150.00	160.00	\$	25.00

COVERING DISCS for Y-CAM  3 options to choose from  <b>1 SIDE = 1 DISC</b>  Need 2 discs per row  √ MT BKT REQ'D	PHOTO				
	PART #	G29BDH	G2PTBDHL	G2PTBDHR	G210NBDH
	DETAILS	<b>9" DISC</b> Bearing, Disc, & Hub	<b>LEFT SIDE</b> <b>9" STP DISC</b> Bearing, serrated PT STP Disc, & Hub	<b>RIGHT SIDE</b>	<b>10.5" NOTCHED DISC</b> Bearing, notched Disc, & Hub
	PRICE	60.00	80.00	80.00	80.00 80.00

# G SERIES

The G4™, G3™, and G2™ walking beam axles space out the closing wheels. The G2 and G4 provide the option for applying liquid 2x2. The G Series can be mounted directly onto your planter's tail section or onto the 4-Link Closer.



MOUNTING BRACKET for G SERIES  What are you mounting to?  <b>1 ROW = 1 KIT</b>	PHOTO		
	PART #	4LCG2MB50	GMBK
	DETAILS	<b>4 LINK G2 G3 G4 MOUNTING BRACKET &amp; bolt kit</b>	<b>KINZE G2 G3 G4 MOUNTING BRACKET &amp; bolt kit</b>
	PRICE	50.00	50.00




MOUNTING BRACKET PARTS		
PHOTO		
PART #	GMBL-D	GMBR-D
DETAILS	<b>LEFT</b>	<b>RIGHT</b>
	<b>KINZE G2 G3 G4 MOUNTING BRACKET - 1 'EAR' ONLY</b>	
PRICE	22.00	






WALKING BEAM ARM for G SERIES  4 options to choose from  <b>1 ROW = 1 ARM KIT LEFT OR RIGHT SIDE</b>  √ MT BKT REQ'D	PHOTO		
	PART #	G2CAHL	G2CAHR
	DETAILS	<b>LEFT</b>	<b>RIGHT</b>
		<b>G2 CAST ARM, wheel bolts &amp; mounting hardware</b>	
	PRICE	179.00	
	PHOTO		
	PART #	G2AHL	G2AHR
	DETAILS	<b>LEFT</b>	<b>RIGHT</b>
		<b>G2 ARM, wheel bolts &amp; mounting hardware</b>	
	PHOTO		
	PART #	G3AHL	G3AHR
	DETAILS	<b>LEFT</b>	<b>RIGHT</b>
		<b>G3 ARM, wheel bolts &amp; mounting hardware</b>	
	PHOTO		
	PART #	G4AHL	G4AHR
	DETAILS	<b>LEFT</b>	<b>RIGHT</b>
		<b>G4 ARM, wheel bolts &amp; mounting hardware</b>	
	PRICE	168.00	
		168.00	
		231.00	






WALKING BEAM ARM KIT PARTS										1 ROW LEFT OR RIGHT SIDE	
PHOTO											
PART #	G2CAL	G2CAR	G2AL	G2AR	G3AL	G3AR	G4AL	G4AR	G2/3ABP	G4ABP	AXLE BOLT
DETAILS	<b>LEFT</b>	<b>RIGHT</b>	<b>LEFT</b>	<b>RIGHT</b>	<b>LEFT</b>	<b>RIGHT</b>	<b>LEFT</b>	<b>RIGHT</b>	<b>G2 G3</b>	<b>G4</b>	AXLE BOLT KIT
	<b>G2 CAST ARM ONLY</b>		<b>G2 ARM ONLY</b>		<b>G3 ARM ONLY</b>		<b>G4 ARM ONLY</b>		<b>ARM BOLT KIT ONLY</b>		
									INCLUDES: Wheel bolts & mounting hardware		
PRICE	150.00		138.00		138.00		200.00		30.00	30.00	20.00

**\*\*Refer to charts on page 149 to determine injector orifice size & part # \*\***

<b>FERTILIZER DISCS for G2 G4</b>  3 options to choose from  <b>1 ROW = 1 DISC</b>  √ MT BKT REQ'D	PHOTO					<b>FERTILIZER DISC PARTS</b>			
	PART #	G28BDH	G29BDH	G2PTBDHL	G2PTBDHR		G2B	BEARING for FERTILIZER DISC with <b>5/8" BORE</b>	15.00
	DETAILS	<b>8" DISC</b>   <b>9" DISC</b> <b>SMOOTH DISC</b> Bearing, Disc, & Hub		<b>LEFT SIDE</b>   <b>RIGHT SIDE</b> <b>9" STP DISC</b> Bearing, serrated PT STP Disc, & Hub			G2HB	HUB and BEARING	25.00
	PRICE	60.00	60.00	80.00			CDHUB	DEPTH CONTROL HUB for <b>9" DISCS</b>	25.00

<b>COMPLETE FERTILIZER KIT for G2 G4</b>  <b>1 ROW = 1 KIT LEFT OR RIGHT SIDE</b>  DISC NOT INCLUDED	PHOTO						
	PART #	G2FRTK-L	G2FRTK-R	G2DL	G2DR	G4FRTK-L	G4FRTK-R
	DETAILS	<b>LEFT</b>   <b>RIGHT</b> COMPLETE <b>G2</b> FERTILIZER KIT with mounting hardware & injector orifice**		<b>LEFT</b>   <b>RIGHT</b> <b>G2 DUAL</b> FERTILIZER TUBE KIT with mounting hardware & injector orifice**		<b>LEFT</b>   <b>RIGHT</b> COMPLETE <b>G4</b> FERTILIZER KIT with mounting hardware & injector orifice**	
	PRICE	55.00		35.00		65.00	

<b>G2 FERTILIZER KIT PARTS</b>						<b>1 ROW LEFT OR RIGHT SIDE</b>	
PHOTO							
PART #	G2FDMBHL	G2FDMBHR	G2FABK	G2SST	G2FAB	G2FBL	G2FBR
DETAILS	<b>LEFT</b>   <b>RIGHT</b> G2 FERTILIZER DISC MOUNTING BRACKET & hardware		G2 FERTILIZER TUBE KIT, hardware & injector orifice**	G2 2-SLOTTED STAINLESS STEEL TUBE ONLY	G2 FERTILIZER ADJUSTABLE BRACKET STAINLESS STEEL PIVOT	<b>LEFT</b>   <b>RIGHT</b> G2 FERTILIZER BRACKET ONLY	
PRICE	25.00		45.00	15.00	30.00	20.00	


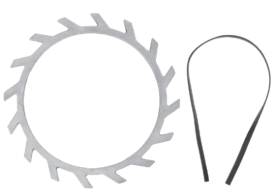


<b>G4 FERTILIZER KIT PARTS</b>						<b>1 ROW LEFT OR RIGHT SIDE</b>	
PHOTO							
PART #	G4FMBN	G4FTL	G4FTR	G4SST	FDIHBKTL-SS	FDIHBKTLR-SS	G4W
DETAILS	G4 FERTILIZER DISC MOUNTING BRACKET & hardware	<b>LEFT</b>   <b>RIGHT</b> G4 FERTILIZER TUBE KIT, hardware & injector orifice**		G4 1-SLOTTED STAINLESS STEEL TUBE ONLY	<b>LEFT</b>   <b>RIGHT</b> G4 FERTILIZER TUBE MOUNTING BRACKET ONLY		<b>G4 WEIGHT</b> & hardware for <b>NO FERTILIZER</b>
PRICE	25.00	35.00		15.00	25.00		40.00

**FOR HOSE ADAPTER KITS, SEE PAGE 148**



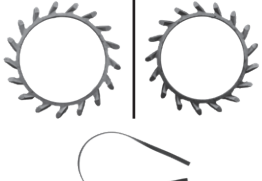



# CLOSING WHEELS

We offer multiple varieties of Mohawk™ and Zipper™ angled spike closing wheels, along with the 2" Chicken Tracker™. The V Closing Bracket is needed when installing closing wheels to the 4-Link Closer.

## MOHAWK CLOSING WHEELS

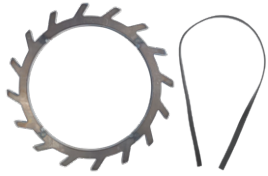
PHOTO				
PART #	MO	MOR	CMO	MMAX
DETAILS	MOHAWK COMPLETE for <b>KINZE 2000 3000</b> planters Cast spikes, plastic wheel & <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL</b>	MOHAWK RING - spiked cast wheel with rubber insert <b>1 SIDE = 1 RING</b>	<b>CAST MOHAWK WHEEL</b> for <b>KINZE 2000 3000</b> planters <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL</b>	<b>CAST MOHAWK MAX WHEEL</b> for <b>KINZE 2000 3000</b> planters <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL</b>
PRICE	100.00	75.00	120.00	140.00

## ZIPPER CLOSING WHEELS


PHOTO																
PART #	ZPL		ZPR		ZRL		ZRR		ZCL		ZCR		ZMAXL		ZMAXR	
DETAILS	<b>LEFT SIDE SILVER</b>		<b>RIGHT SIDE GOLD</b>		<b>LEFT SIDE SILVER</b>		<b>RIGHT SIDE GOLD</b>		<b>LEFT SIDE</b>		<b>RIGHT SIDE</b>		<b>LEFT SIDE</b>		<b>RIGHT SIDE</b>	
	ZIPPER COMPLETE for <b>KINZE 2000 3000</b> planters Cast spikes, plastic wheel & <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL LEFT OR RIGHT</b>		ZIPPER COMPLETE for <b>KINZE 2000 3000</b> planters Cast spikes, plastic wheel & <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL LEFT OR RIGHT</b>		ZIPPER RING - spiked cast wheel with rubber insert <b>1 SIDE = 1 RING LEFT OR RIGHT</b>		ZIPPER RING - spiked cast wheel with rubber insert <b>1 SIDE = 1 RING LEFT OR RIGHT</b>		<b>CAST ZIPPER WHEEL</b> for <b>KINZE 2000 3000</b> planters <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL LEFT OR RIGHT</b>		<b>CAST ZIPPER WHEEL</b> for <b>KINZE 2000 3000</b> planters <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL LEFT OR RIGHT</b>		<b>CAST ZIPPER MAX WHEEL</b> for <b>KINZE 2000 3000</b> planters <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL LEFT OR RIGHT</b>		<b>CAST ZIPPER MAX WHEEL</b> for <b>KINZE 2000 3000</b> planters <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL LEFT OR RIGHT</b>	
PRICE	106.00		106.00		85.00		85.00		125.00		125.00		145.00		145.00	

## STEEL MOHAWK RING






Limited stock

PHOTO	
PART #	SMOR
DETAILS	STEEL MOHAWK RING - spiked steel wheel with rubber insert <b>1 SIDE = 1 RING</b>
PRICE	60.00






## CHICKEN TRACKER

PHOTO	PART #	DETAILS	PRICE
	CT2X12	<b>2" x 12" CHICKEN TRACKER</b> <b>1 SIDE = 1 WHEEL</b>	150.00

## HUBS

PHOTO	PART #	DETAILS	PRICE
	PRESS WHEEL PLASTIC HALF	PRESS WHEEL <b>PLASTIC HALF</b> / Cover Crop Cover <b>1 HALF</b>	15.00
	PWBP	PRESS WHEEL BOLT PKG holds plastic halves together	5.00
	MOZHS	<b>SHALLOW</b> DISH HUB for CLOSING WHEELS <b>1 SIDE = 1 HUB</b>	15.00
	MOZH	<b>DEEP</b> DISH HUB for <b>CAST</b> CLOSING WHEELS <b>1 SIDE = 1 HUB</b>	15.00
	MOZFP	FLAT COVER PLATE for <b>CAST</b> CLOSING WHEELS <b>1 SIDE = 1 HUB</b>	15.00

## CLOSING WHEEL PARTS

PHOTO	PART #	DETAILS	PRICE
	MED (3/22) RUBBER INSERT	MOHAWK or ZIPPER RING rubber insert only	2.00
	4LCVMB	<b>4-LINK</b> V CLOSING WHEEL BRACKET & bolt kit	50.00
	MOZBP	Mounting hardware package for CLOSING WHEELS <b>2 WHEELS = 1 ROW</b>	10.00
	MOZSP	Spacer kit for CLOSING WHEELS INCLUDES: <b>1</b> 1/2" spacer & <b>1</b> 1/4" spacer	2.50
	APL502002 5203KYY2	5/8" OEM BORE <b>STANDARD BEARING</b> for CLOSING WHEELS	20.00




# FURROW V CLOSER®

Two options of FVC disc to choose from, plastic or steel. Only one gauging tool is required per set and will be included with every order of Furrow V Closer kit parts.


## KINZE 2000 3000

REQUIRED KIT PARTS 1 ROW

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	FVCKMB	FURROW V CLOSER MOUNTING BRACKET for <b>KINZE 2000 3000</b> series planters		21.25
	FVCSSS	FURROW V CLOSER SHAFT for <b>KINZE 2000 3000</b> -Short shaft and short thread	√	12.95
	FVCPBDH	<b>GREY/BLACK POLY</b> FURROW V CLOSER BEARING DISC HUB		40.00
	FVCSBDH	<b>STEEL</b> Select 1 of 2 disc assembly options		50.00
		FURROW V CLOSER GAUGING TOOL for <b>KINZE 2000 3000</b> 1 gauging tool per FVC order will be included		


## OLDER KINZE

REQUIRED KIT PARTS 1 ROW

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	FVCJDKMB	FURROW V CLOSER MOUNTING BRACKET for <b>OLDER KINZE</b> planters		21.25
	FVCSSS	FURROW V CLOSER SHAFT for <b>OLDER KINZE</b> -Short shaft and short thread	√	12.95
	FVCPBDH	<b>GREY/BLACK POLY</b> FURROW V CLOSER BEARING DISC HUB		40.00
	FVCSBDH	<b>STEEL</b> Select 1 of 2 disc assembly options		50.00
		FURROW V CLOSER GAUGING TOOL for <b>OLDER KINZE</b> 1 gauging tool per FVC order will be included		

## UNIVERSAL DO IT YOURSELF

REQUIRED KIT PARTS 1 ROW

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	FVCUMB	FURROW V CLOSER MOUNTING BRACKET for <b>UNIVERSAL-DO IT YOURSELF</b> planters		21.25
	FVCLL	FURROW V CLOSER SHAFT for <b>UNIVERSAL</b> -Long shaft and long thread	√	12.95
	FVCPBDH	<b>GREY/BLACK POLY</b> FURROW V CLOSER BEARING DISC HUB		40.00
	FVCSBDH	<b>STEEL</b> Select 1 of 2 disc assembly options		50.00
		FURROW V CLOSER GAUGING TOOL for <b>UNIVERSAL</b> 1 gauging tool per FVC order will be included		

### FURROW V CLOSER KIT PARTS



PART #	FVCPD	FVCSD	FVCB	FVCH	FVCPBDH	FVCSBDH	FVCGT
DETAILS	FVC GREY/BLACK <b>POLY</b> DISC	FVC <b>STEEL</b> DISC	FVC BEARING	FVC HUB	FVC BEARING, <b>POLY</b> DISC & HUB	FVC BEARING, <b>STEEL</b> DISC & HUB	FVC GAUGING TOOL
PRICE	10.50	23.22	19.75	13.90	40.00	50.00	4.00



# OPENER DISC BLADES

## B-TOEM



These are the blades we have in stock. Please call 800-382-2607 for all other styles/models.

PHOTO	PART #	DETAILS	PRICE
	GA8324BA#	B-TOEM BLADE for <b>KINZE 2000 3000 4000</b> series <b>STANDARD DUTY</b> 15" diameter, <b>204 bearing</b> , 3.5mm thickness	call for pricing
	AA65248BA#	B-TOEM BLADE for <b>KINZE 3000 4000</b> series <b>HEAVY DUTY</b> 5/8" x 1-3/4" bolt required LH & RH thread. 15" diameter, <b>204DR</b> , 3.5mm thickness	

# GAUGE WHEELS



## CHICKEN TRACKER

1 SIDE = 1 WHEEL

PHOTO	PART #	DETAILS	PRICE
	CT4X13	CHICKEN TRACKER GAUGE WHEEL - <b>4" x 13"</b> metal gauge wheel/ closing wheel. For strip-till & gauge wheels on planters & strip-till machines	160.00
	CT4X16	CHICKEN TRACKER GAUGE WHEEL - <b>4" x 16"</b> metal gauge wheel. For gauge wheels on planters & strip-till machines	175.00
	GWCT4X13	CHICKEN TRACKER GAUGE WHEEL with <b>INSERT - 4" x 13"</b>	190.00
	GWCT4X16	CHICKEN TRACKER GAUGE WHEEL with <b>INSERT - 4" x 16"</b>	205.00

## MUDLUG


1 SIDE = 1 WHEEL

PHOTO	PART #	DETAILS	PRICE
	MLGW3	MUDLUG GAUGE WHEEL - <b>3" x 16"</b>	135.00
	MLGW45	MUDLUG GAUGE WHEEL - <b>4.5" x 16"</b>	135.00
	MLGWCP	OPTIONAL PLATE COVER for MUDLUG GAUGE WHEELS	18.00

# WHEEL SCRAPERS


We have gauge and press wheel scrapers available for Kinze planters.

## PRESS WHEEL SCRAPER

PHOTO	PART #	DETAILS	PRICE
	PWSJDK	PRESS WHEEL SCRAPER KIT for <b>KINZE</b> planters with <b>ANGULAR PRESS WHEELS</b> <b>1 COMPLETE ROW = 2 SIDES</b>	50.00

## GAUGE WHEEL SCRAPER

*Must order 2 sides for 1 complete row*

PHOTO	PART #	DETAILS	PRICE
	GWSJDKS	GAUGE WHEEL SCRAPER KIT for <b>KINZE</b> <b>1 SINGLE SIDE</b> <i>Needs to be welded onto planter</i>	40.00


### GAUGE WHEEL SCRAPER KIT PARTS FOR KINZE 1 SINGLE SIDE

PHOTO				
				
PART #	GWSJDKA	GWSJDKP	GWSJDKW	GWSJDKBK
DETAILS	GAUGE WHEEL SCRAPER ARM	GAUGE WHEEL SCRAPER PLASTIC PART	GAUGE WHEEL SCRAPER WELDON	GAUGE WHEEL SCRAPER BOLT PKG
PRICE	20.00	10.00	15.00	5.00


# OTHER PRODUCTS

Questions or can't find what you're looking for? We're happy to help! Call us toll-free 800-382-2607 M-F 8AM-5PM CST

## STALK DESTROYER

PHOTO	PART #	DETAILS	PRICE
	STALKDESTROYER	STALK DESTROYER INCLUDES: 4 9/16" x 9-1/2" Long G8 Bolts.	250.00

## DEPTH BAND

PHOTO	PART #	DETAILS	PRICE
	CDHUB	DEPTH CONTROL HUB for <b>9" DISCS</b>	25.00

## WHITE Planters






## FENDT *Planters*

[illegible]


# REBOUNDER® SEED COVERS

Place all your seeds at the bottom of the furrow with the Rebounder.




## REBOUNDERS FOR WHITE & FENDT PLANTERS

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	OJD	ORANGE REBOUNDER FOR <b>WHITE 5000 6000 8000</b> series planters		30.00
	OW5400	ORANGE REBOUNDER for <b>WHITE 5000</b> series planters with <b>ACRA PLANT BOOT</b>	√	30.00
	W5400BKT	MOUNTING BRACKET for <b>WHITE 5000</b> with <b>ACRA PLANT BOOT</b> INCLUDES: Bracket & hardware		12.50
	OW9	ORANGE REBOUNDER for <b>WHITE 9000</b> series & <b>FENDT</b>	√	30.00
	W9MB	MOUNTING BRACKET for <b>WHITE 9000 &amp; FENDT</b> INCLUDES: Bracket, hardware & 2 tie straps		12.50
	OBE	ORANGE REBOUNDER for <b>BULLSEYE® SEED TUBE</b> INCLUDES: Rebounder, spacer bracket & 2 tie straps		30.00
	BEMB	MOUNTING BRACKET for <b>BULLSEYE SEED TUBE</b>		1.00
	OWV	ORANGE REBOUNDER for <b>WAVEVISION® SEED TUBE</b>	√	30.00
	WVMB	MOUNTING BRACKET for <b>WAVEVISION SEED TUBE</b> INCLUDES: Bracket, hardware & 2 tie straps		12.50

### REBOUNDER PARTS



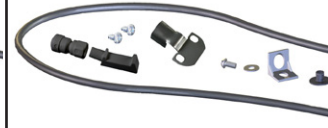
PHOTO	PART #	DETAILS	PRICE
	LT	LARGE TIE STRAP used for mounting the Rebounder to planters	1.00

## SEED FIRMER REPLACEMENT PARTS 1 REBOUNDER, 2 MOUNTING BRACKETS








PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	OKRU	<b>ASSEMBLED</b> OKR REBOUNDER and MOUNTING BRACKET that fits <b>WRAPAROUND</b> and <b>UNIVERSAL</b> mounting brackets		42.50
	OKRQ	<b>ASSEMBLED</b> OKR REBOUNDER and MOUNTING BRACKET that fits <b>QUICK ATTACH</b> mounting brackets		42.50
	OKR	ORANGE REBOUNDER for <b>SEED FIRMER TAILS</b>	√	30.00
	KRUMB	MOUNTING BRACKET for <b>OKR REBOUNDER</b> that fits <b>WRAPAROUND</b> and <b>UNIVERSAL</b> mounting brackets		12.50
	KRQMB	MOUNTING BRACKET for <b>OKR REBOUNDER</b> that fits <b>QUICK ATTACH</b> brackets		12.50

# OPTIONAL FITTINGS




Add a Rebounder optional fitting for in-furrow liquid placement. We have three optional fittings to choose from—Y-Not Split It, Straight Shot, Hose Holder. Also available are stainless steel tubes.

IN-FURROW OPTIONAL FITTING for <b>OJD</b> type <b>REBOUNDER</b>  3 options to choose from <b>1 ROW = 1 KIT</b>	PHOTO			
	PART #	3Y	HH	SSK
	DETAILS	<b>Y-NOT SPLIT-IT®</b> COMPLETE KIT	<b>HOSE HOLDER™</b> COMPLETE KIT	<b>STRAIGHT SHOT™</b> COMPLETE KIT
	PRICE	6.75	6.00	7.50

## OPTIONAL FITTING KIT PARTS 1 ROW

							
#	LBK	PY	MY	MPK	SSQC	SSTP	SSMPK
	L bracket kit	Y only	Flow restricting micro Y reduces outflow volume by 1/2	Y-NOT metal plate & screws	STRAIGHT SHOT with quick coupler	STRAIGHT SHOT threaded piece	STRAIGHT SHOT metal plate & screws
\$	3.25	2.90	2.90	4.40	6.25	3.00	4.40

## TOTALLY TUBULAR STAINLESS STEEL TUBES *No discounts given on Totally Tubular tubes*

PHOTO	PART #	DETAILS	PRICE
	TT200	TOTALLY TUBULAR STAINLESS STEEL TUBE for <b>WHITE 8000</b> series planters	55.00
	TT260	TOTALLY TUBULAR STAINLESS STEEL TUBE with 6" tubing for <b>WHITE 6000</b> series planters	55.00
	TT290	TOTALLY TUBULAR STAINLESS STEEL TUBE with 6" tubing for <b>WHITE 9000</b> series & <b>FENDT</b> planters	57.00

# 4-LINK TAIL SECTIONS



The 4-Link Closer™ is a ground following dual parallel linkage tail sections that help provide superior closure in uneven planting conditions.

Five ground attachments to choose from: V Closing Wheels, G2, G3, G4, or Y-Cam. Also available is the 4-Link Force™ with pneumatic down pressure. Call 800-382-2607 for information.





## WHITE 8000

REQUIRED KIT PARTS **1 ROW**


PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	4LCW8	4 LINK CLOSER ASSEMBLY for <b>WHITE 8000</b> series planters	√	625.00
	4LCW8MB	4 LINK CLOSER MOUNTING BRACKET KIT for <b>WHITE 8000</b> INCLUDES: Mounting bracket & bolt package		50.00

### MOUNTING BRACKET PARTS **1 ROW**



	4LCW8BRK	4 LINK CLOSER MOUNTING BRACKET ONLY for <b>WHITE 8000</b>		35.00
	4LCW8BP	4 LINK CLOSER BOLT PACKAGE ONLY for <b>WHITE 8000</b>		25.00

## WHITE 9000 FENDT

**1 ROW**

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	4LCW8	4 LINK CLOSER ASSEMBLY & hardware for <b>WHITE 9000*</b> series & <b>FENDT*</b> planters  <i>*For use only with 4LCVMB V Closing Wheels. Will not work with 4LCG2MB50 for G Series or Y-Cam. Check back for a new mounting bracket coming soon.</i>		625.00

## 4 LINK CLOSER GROUND ATTACHMENT OPTIONS

GROUND ATTACHMENT MOUNTING BRACKET for 4 LINK CLOSER  See corresponding sections on following pages <b>1 ROW</b>	PHOTO		<b>COMING SOON</b> ↓	
	PART #	4LCG2MB50		4LCVMB
	DETAILS	4 LINK MOUNTING BRACKET & bolt kit for G SERIES <b>G2 G3 G4</b> and <b>Y-CAM</b>	<b>WHITE 9000 &amp; FENDT</b> 4 LINK MOUNTING BRACKET & bolt kit for G SERIES <b>G2 G3 G4</b> and <b>Y-CAM</b>	4 LINK <b>V CLOSING WHEEL BRACKET</b> & bolt kit
	PRICE	50.00		50.00



# Y-CAM

The Y-Cam™ Closing System allows you to install the Chicken Tracker press wheel onto the 4-Link. Other options are closing disc size and style, and 2x2 dual fertilizer.



## Y-CAM CLOSING SYSTEM

REQUIRED KIT PARTS **1 ROW**

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	YCAM-AH-LEFT	<b>LEFT SIDE</b> Y-CAM PIVOT KIT	√	230.00
	YCAM-AH-RIGHT	<b>RIGHT SIDE</b> INCLUDES: Y-Cam bracket & bolt package		
	4LCG2MB50	4 LINK Y-CAM MOUNTING BRACKET INCLUDES: Mounting ears & bolt package		50.00
	YCAM-PWK	Y-CAM PRESS WHEEL BOLT PKG INCLUDES: Press wheel mounting hardware		25.00
	YCAM-CDK	Y-CAM COVERING DISC BOLT PKG INCLUDES: Covering disc mounting hardware		20.00

OPTIONAL KIT PARTS **1 ROW**

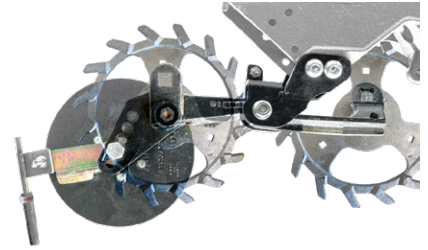
	YCAM-FTK	Y-CAM DUAL FERTILIZER TUBES KIT INCLUDES: Dual tubes, mounting hardware & injector orifice <i>*Refer to chart on page 149 for proper orifice size and part #</i>		60.00
	YCAM-LEVEL	Y-CAM LEVEL KIT		15.00

**FOR HOSE ADAPTER KITS, SEE PAGE 148**

<b>PRESS WHEEL</b> for Y-CAM  2 options to choose from  <b>1 ROW</b> = <b>1 WHEEL</b>  √ MT BKT REQ'D	PHOTO			<b>COVER DISC PARTS</b>	
	PART #	CT4	CT6	#	CDHUB
	DETAILS	4" x 12" <b>CHICKEN TRACKER</b>	6" x 12" <b>CHICKEN TRACKER</b>		DEPTH CONTROL HUB for <b>9" DISCS</b>
	PRICE	150.00	160.00	\$	25.00
<b>COVERING DISCS</b> for Y-CAM  3 options to choose from  <b>1 SIDE</b> = <b>1 DISC</b>  Need 2 discs per row √ MT BKT REQ'D	PHOTO				
	PART #	G29BDH	G2PTBDHL	G2PTBDHR	G210NBDH
	DETAILS	<b>9" DISC</b> Bearing, Disc, & Hub	<b>LEFT SIDE</b> <b>9" STP DISC</b> Bearing, serrated PT STP Disc, & Hub	<b>RIGHT SIDE</b>	<b>10.5" NOTCHED DISC</b> Bearing, notched Disc, & Hub
	PRICE	60.00	80.00	80.00	80.00

# G SERIES

The G4™, G3™, and G2™ walking beam axles space out the closing wheels. The G2 and G4 provide the option for applying liquid 2x2. The G Series can be mounted directly onto your planter's tail section or onto the 4-Link Closer.



MOUNTING BRACKET for G SERIES  What are you mounting to?  <b>1 ROW = 1 KIT</b>	PHOTO			
	PART #	4LCG2MB50	GMBK	GGPW9MBK
	DETAILS	<b>4 LINK G2 G3 G4</b> MOUNTING BRACKET & bolt kit	<b>WHITE 6000 8000</b> <b>G2 G3 G4 MOUNTING</b> BRACKET & bolt kit	<b>WHITE 9000 &amp; FENDT</b> <b>G2 G3 G4 MOUNTING</b> BRACKET & bolt kit
	PRICE	50.00	50.00	55.00

## MOUNTING BRACKET PARTS

PHOTO	PART #	DETAILS	PRICE
	GMBL-D	<b>LEFT</b> <b>WHITE G2 G3 G4</b> MOUNTING BRACKET	22.00
	GMBR-D	<b>RIGHT</b> - 1 'EAR' ONLY	
	GPSB	<b>WHITE 9000 &amp; FENDT</b> <b>G2 G3 G4 MOUNTING</b> BRACKET SPACER ONLY <i>Need 2 per row</i>	11.00

WALKING BEAM ARM for G SERIES  4 options to choose from  <b>1 ROW = 1 ARM KIT</b> <b>LEFT OR RIGHT SIDE</b>  √ MT BKT REQ'D	PHOTO	
	PART #	G2CAHL      G2CAHR
	DETAILS	<b>LEFT</b> <b>RIGHT</b> <b>G2 CAST</b> ARM, wheel bolts & mounting hardware
	PRICE	179.00

PART #	G2AHL      G2AHR	G3AHL      G3AHR      G4AHL      G4AHR
DETAILS	<b>LEFT</b> <b>RIGHT</b> <b>G2</b> ARM, wheel bolts & mounting hardware	<b>LEFT</b> <b>RIGHT</b> <b>G3</b> ARM, wheel bolts & mounting hardware <b>G4</b> ARM, wheel bolts & mounting hardware
PRICE	168.00	168.00      231.00

## WALKING BEAM ARM KIT PARTS






## 1 ROW LEFT OR RIGHT SIDE






PHOTO												
PART #	G2CAL	G2CAR	G2AL	G2AR	G3AL	G3AR	G4AL	G4AR	G2/3ABP	G4ABP	AXLE BOLT	
DETAILS	<b>LEFT</b>   <b>RIGHT</b>		<b>LEFT</b>   <b>RIGHT</b>		<b>LEFT</b>   <b>RIGHT</b>		<b>LEFT</b>   <b>RIGHT</b>		<b>G2</b>   <b>G3</b>   <b>G4</b>		AXLE BOLT KIT	
	<b>G2 CAST</b> ARM ONLY		<b>G2</b> ARM ONLY		<b>G3</b> ARM ONLY		<b>G4</b> ARM ONLY		ARM BOLT KIT ONLY INCLUDES: Wheel bolts & mounting hardware			
PRICE	150.00		138.00		138.00		200.00		30.00		20.00	

**\*\*Refer to charts on page 149 to determine injector orifice size & part # \*\***

<b>FERTILIZER DISCS for G2 G4</b>  3 options to choose from  <b>1 ROW = 1 DISC</b>  √ MT BKT REQ'D	PHOTO					<b>FERTILIZER DISC PARTS</b>			
	PART #	G28BDH	G29BDH	G2PTBDHL	G2PTBDHR		G2B	BEARING for FERTILIZER DISC with <b>5/8" BORE</b>	15.00
	DETAILS	<b>8" DISC</b>   <b>9" DISC</b> <b>SMOOTH DISC</b> Bearing, Disc, & Hub		<b>LEFT SIDE</b>   <b>RIGHT SIDE</b> <b>9" STP DISC</b> Bearing, serrated PT STP Disc, & Hub			G2HB	HUB and BEARING	25.00
	PRICE	60.00	60.00	80.00			CDHUB	DEPTH CONTROL HUB for <b>9" DISCS</b>	25.00

<b>COMPLETE FERTILIZER KIT for G2 G4</b>  <b>1 ROW = 1 KIT LEFT OR RIGHT SIDE</b>  DISC NOT INCLUDED	PHOTO						
	PART #	G2FRTK-L	G2FRTK-R	G2DL	G2DR	G4FRTK-L	G4FRTK-R
	DETAILS	<b>LEFT</b>   <b>RIGHT</b> COMPLETE <b>G2</b> FERTILIZER KIT with mounting hardware & injector orifice**		<b>LEFT</b>   <b>RIGHT</b> <b>G2 DUAL</b> FERTILIZER TUBE KIT with mounting hardware & injector orifice **		<b>LEFT</b>   <b>RIGHT</b> COMPLETE <b>G4</b> FERTILIZER KIT with mounting hardware & injector orifice **	
	PRICE	55.00		35.00		65.00	

<b>G2 FERTILIZER KIT PARTS</b>						<b>1 ROW LEFT OR RIGHT SIDE</b>	
PHOTO							
PART #	G2FDMBHL	G2FDMBHR	G2FABK	G2SST	G2FAB	G2FBL	G2FBR
DETAILS	<b>LEFT</b>   <b>RIGHT</b> G2 FERTILIZER DISC MOUNTING BRACKET & hardware		G2 FERTILIZER TUBE KIT, hardware & injector orifice**	G2 2-SLOTTED STAINLESS STEEL TUBE ONLY	G2 FERTILIZER ADJUSTABLE BRACKET STAINLESS STEEL PIVOT	<b>LEFT</b>   <b>RIGHT</b> G2 FERTILIZER BRACKET ONLY	
PRICE	25.00		45.00	15.00	30.00	20.00	


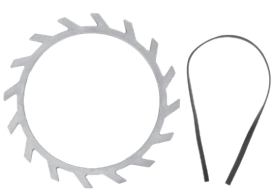


<b>G4 FERTILIZER KIT PARTS</b>						<b>1 ROW LEFT OR RIGHT SIDE</b>	
PHOTO							
PART #	G4FMBN	G4FTL	G4FTR	G4SST	FDIHBKTL-SS	FDIHBKTLR-SS	G4W
DETAILS	G4 FERTILIZER DISC MOUNTING BRACKET & hardware	<b>LEFT</b>   <b>RIGHT</b> G4 FERTILIZER TUBE KIT, hardware & injector orifice**		G4 1-SLOTTED STAINLESS STEEL TUBE ONLY	<b>LEFT</b>   <b>RIGHT</b> G4 FERTILIZER TUBE MOUNTING BRACKET ONLY		<b>G4 WEIGHT</b> & hardware for <b>NO FERTILIZER</b>
PRICE	25.00	35.00		15.00	25.00		40.00

**FOR HOSE ADAPTER KITS, SEE PAGE 148**



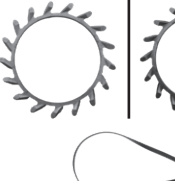
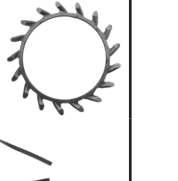


# CLOSING WHEELS

We offer multiple varieties of Mohawk™ and Zipper™ angled spike closing wheels, along with the 2" Chicken Tracker™. The V Closing Bracket is needed when installing closing wheels to the 4-Link Closer. We have a 4" Chicken Tracker and Closing Wheel Conversion Kit available for older White planters.

## MOHAWK CLOSING WHEELS

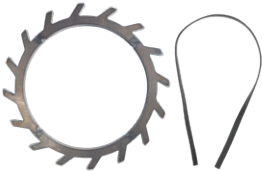
PHOTO				
PART #	MO	MOR	CMO	MMA
DETAILS	MOHAWK COMPLETE for <b>WHITE 6000 8000 9000 &amp; FENDT</b> planters Cast spikes, plastic wheel & <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL</b>	MOHAWK RING - spiked cast wheel with rubber insert <b>1 SIDE = 1 RING</b>	<b>CAST MOHAWK WHEEL</b> for <b>WHITE 6000 8000 9000</b> planters & <b>FENDT STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL</b>	<b>CAST MOHAWK MAX WHEEL</b> for <b>WHITE 6000 8000 9000</b> planters & <b>FENDT STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL</b>
PRICE	100.00	75.00	120.00	140.00

## ZIPPER CLOSING WHEELS



PHOTO								
PART #	ZPL	ZPR	ZRL	ZRR	ZCL	ZCR	ZMAXL	ZMAXR
DETAILS	<b>LEFT SIDE SILVER</b>	<b>RIGHT SIDE GOLD</b>	<b>LEFT SIDE SILVER</b>	<b>RIGHT SIDE GOLD</b>	<b>LEFT SIDE</b>	<b>RIGHT SIDE</b>	<b>LEFT SIDE</b>	<b>RIGHT SIDE</b>
	ZIPPER COMPLETE for <b>WHITE 6000 8000 9000</b> & <b>FENDT</b> planters Cast spikes, plastic wheel & <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL LEFT OR RIGHT</b>		ZIPPER RING - spiked cast wheel with rubber insert <b>1 SIDE = 1 RING LEFT OR RIGHT</b>		<b>CAST ZIPPER WHEEL</b> for <b>WHITE 6000 8000 9000</b> & <b>FENDT</b> planters <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL LEFT OR RIGHT</b>		<b>CAST ZIPPER MAX WHEEL</b> for <b>WHITE 6000 8000 9000</b> & <b>FENDT</b> planters <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL LEFT OR RIGHT</b>	
PRICE	106.00		85.00		125.00		145.00	








## STEEL MOHAWK RING

PHOTO	 <b>Limited stock</b>
PART #	SMOR
DETAILS	STEEL MOHAWK RING - spiked steel wheel with rubber insert <b>1 SIDE = 1 RING</b>
PRICE	60.00


## CHICKEN TRACKER

PHOTO	PART #	DETAILS	PRICE
	CT2X12	<b>2" x 12"</b> CHICKEN TRACKER <b>1 SIDE = 1 WHEEL</b>	150.00
	CT4	<b>4" x 12"</b> CHICKEN TRACKER for <b>OLDER WHITE</b> planters <b>1 ROW = 1 WHEEL</b>	150.00

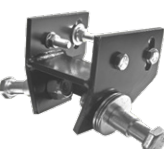
## HUBS

PHOTO	PART #	DETAILS	PRICE
	PRESS WHEEL PLASTIC HALF	PRESS WHEEL <b>PLASTIC HALF</b> / Cover Crop Cover <b>1 HALF</b>	15.00
	PWBP	PRESS WHEEL BOLT PKG holds plastic halves together	5.00
	MOZHS	<b>SHALLOW</b> DISH HUB for CLOSING WHEELS <b>1 SIDE = 1 HUB</b>	15.00
	MOZH	<b>DEEP</b> DISH HUB for <b>CAST</b> CLOSING WHEELS <b>1 SIDE = 1 HUB</b>	15.00
	MOZFP	FLAT COVER PLATE for <b>CAST</b> CLOSING WHEELS <b>1 SIDE = 1 HUB</b>	15.00






### CHICKEN TRACKER PARTS 1 ROW

PHOTO	PART #	DETAILS	PRICE
	CTBW	CHICKEN TRACKER BUSHING KIT - 5/8" bushing for <b>WHITE 5000 6000S</b> planters with a single press wheel	19.50

## CONVERSION KIT *Converts original single press wheel to dual v-closing wheels*

PHOTO	PART #	DETAILS	PRICE
	WCONVK	<b>V CLOSING WHEEL CONVERSION BRACKET</b> KIT for <b>WHITE 5100 6000</b> series planters that <i>have a straight H-bracket arm and down pressure springs on the inside</i> INCLUDES: Mounting hardware & shim washers <b>1 ROW</b>	62.50

### CLOSING WHEEL PARTS


PHOTO	PART #	DETAILS	PRICE
	MED (3/22) RUBBER INSERT	MOHAWK or ZIPPER RING rubber insert only	2.00
	4LCVMB	<b>4-LINK</b> V CLOSING WHEEL BRACKET & bolt kit	50.00
	MOZBP	Mounting hardware package for CLOSING WHEELS <b>2 WHEELS = 1 ROW</b>	10.00
	MOZSP	Spacer kit for CLOSING WHEELS INCLUDES: <b>1</b> 1/2" spacer & <b>1</b> 1/4" spacer	2.50
	APL502002 5203KYY2	5/8" OEM BORE <b>STANDARD BEARING</b> for CLOSING WHEELS	20.00

# FURROW V CLOSER®

Two options of FVC disc to choose from, plastic or steel. Only one gauging tool is required per set and will be included with every order of Furrow V Closer kit parts.

## WHITE 5000


REQUIRED KIT PARTS **1 ROW**

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	FVCW5MB	FURROW V CLOSER MOUNTING BRACKET for <b>WHITE 5000</b> series planters		21.25
	FVCLS	FURROW V CLOSER SHAFT for <b>WHITE 5000</b> -Long shaft and short thread	√	12.95
	FVCPBDH	<b>GREY/BLACK POLY</b> FURROW V CLOSER BEARING DISC HUB		40.00
	FVCSBDH	<b>STEEL</b> Select 1 of 2 disc assembly options		50.00
		FURROW V CLOSER GAUGING TOOL for <b>WHITE 5000</b> 1 gauging tool per FVC order will be included		

## WHITE 6000A

A : ANGULAR SERIES, HAS 2 V CLOSING WHEELS


REQUIRED KIT PARTS **1 ROW**

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	FVCW6AMB	FURROW V CLOSER MOUNTING BRACKET for <b>WHITE 6000 ANGULAR</b> series planters		21.25
	FVCSSS	FURROW V CLOSER SHAFT for <b>WHITE 6000A</b> -Short shaft and short thread	√	12.95
	FVCPBDH	<b>GREY/BLACK POLY</b> FURROW V CLOSER BEARING DISC HUB		40.00
	FVCSBDH	<b>STEEL</b> Select 1 of 2 disc assembly options		50.00
		FURROW V CLOSER GAUGING TOOL for <b>WHITE 6000A</b> 1 gauging tool per FVC order will be included		

## WHITE 6000S

S : SINGLE SERIES, HAS 1 CLOSING WHEEL

REQUIRED KIT PARTS **1 ROW**


PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	FVCW6SMB	FURROW V CLOSER MOUNTING BRACKET for <b>WHITE 6000 SINGLE</b> series planters		21.25
	FVCSL	FURROW V CLOSER SHAFT for <b>WHITE 6000S</b> -Short shaft and long thread	√	12.95
	FVCPBDH	<b>GREY/BLACK POLY</b> FURROW V CLOSER BEARING DISC HUB		40.00
	FVCSBDH	<b>STEEL</b> Select 1 of 2 disc assembly options		50.00
		FURROW V CLOSER GAUGING TOOL for <b>WHITE 6000S</b> 1 gauging tool per FVC order will be included		



## WHITE 8000A

A : ANGULAR SERIES, HAS 2 V CLOSING WHEELS


REQUIRED KIT PARTS **1 ROW**

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	FVCW8AMB	FURROW V CLOSER MOUNTING BRACKET for <b>WHITE 8000 ANGULAR</b> series planters		21.25
	FVCSSS	FURROW V CLOSER SHAFT for <b>WHITE 8000A</b> -Short shaft and short thread	√	12.95
	FVCPBDH	<b>GREY/BLACK POLY</b> FURROW V CLOSER BEARING DISC HUB		40.00
	FVCSBDH	<b>STEEL</b> FURROW V CLOSER BEARING DISC HUB <i>Select 1 of 2 disc assembly options</i>		50.00
		FURROW V CLOSER GAUGING TOOL for <b>WHITE 8000A</b> <i>1 gauging tool per FVC order will be included</i>		

## WHITE 8000S


S : SINGLE SERIES, HAS 1 CLOSING WHEEL

REQUIRED KIT PARTS **1 ROW**

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	FVCW8SMB	FURROW V CLOSER MOUNTING BRACKET for <b>WHITE 8000 SINGLE</b> series planters		21.25
	FVCSL	FURROW V CLOSER SHAFT for <b>WHITE 8000S</b> -Short shaft and long thread	√	12.95
	FVCPBDH	<b>GREY/BLACK POLY</b> FURROW V CLOSER BEARING DISC HUB		40.00
	FVCSBDH	<b>STEEL</b> FURROW V CLOSER BEARING DISC HUB <i>Select 1 of 2 disc assembly options</i>		50.00
		FURROW V CLOSER GAUGING TOOL for <b>WHITE 8000S</b> <i>1 gauging tool per FVC order will be included</i>		

## UNIVERSAL DO IT YOURSELF

REQUIRED KIT PARTS **1 ROW**

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	FVCUMB	FURROW V CLOSER MOUNTING BRACKET for <b>UNIVERSAL-DO IT YOURSELF</b> planters		21.25
	FVCLL	FURROW V CLOSER SHAFT for <b>UNIVERSAL</b> -Long shaft and long thread	√	12.95
	FVCPBDH	<b>GREY/BLACK POLY</b> FURROW V CLOSER BEARING DISC HUB		40.00
	FVCSBDH	<b>STEEL</b> FURROW V CLOSER BEARING DISC HUB <i>Select 1 of 2 disc assembly options</i>		50.00
		FURROW V CLOSER GAUGING TOOL for <b>UNIVERSAL</b> <i>1 gauging tool per FVC order will be included</i>		




### FURROW V CLOSER KIT PARTS

PART #	FVCPD	FVCSD	FVCB	FVCH	FVCPBDH	FVCSBDH	FVCGT
DETAILS	FVC GREY/ BLACK POLY DISC	FVC <b>STEEL</b> DISC	FVC BEARING	FVC HUB	FVC BEARING, <b>POLY</b> DISC & HUB	FVC BEARING, <b>STEEL</b> DISC & HUB	FVC GAUGING TOOL
PRICE	10.50	23.22	19.75	13.90	40.00	50.00	4.00

# OPENER DISC BLADES

## B-TOEM



These are the blades we have in stock. Please call 800-382-2607 for all other styles/models.

PHOTO	PART #	DETAILS	PRICE
	700732925 247169BS 852628#	B-TOEM BLADE for <b>WHITE 5000</b> series 13.5" diameter, <b>204 bearing</b> , <b>3mm thickness</b>	call for pricing
	700155037 700732973#	B-TOEM BLADE for <b>WHITE 6000 8000</b> series 15" diameter, <b>204 bearing</b> , <b>3.5mm thickness</b>	
	700172776#BA	B-TOEM BLADE for <b>WHITE 9000</b> series & <b>FENDT</b> planters 15.8" diameter, <b>3.5mm thickness</b>	

# GAUGE WHEELS



## CHICKEN TRACKER

1 SIDE = 1 WHEEL

PHOTO	PART #	DETAILS	PRICE
	CT4X13	CHICKEN TRACKER GAUGE WHEEL - <b>4" x 13"</b> metal gauge wheel/ closing wheel. For strip-till & gauge wheels on planters & strip-till machines	160.00
	CT4X16	CHICKEN TRACKER GAUGE WHEEL - <b>4" x 16"</b> metal gauge wheel. For gauge wheels on planters & strip-till machines	175.00
	GWCT4X13	CHICKEN TRACKER GAUGE WHEEL with <b>INSERT - 4" x 13"</b>	190.00
	GWCT4X16	CHICKEN TRACKER GAUGE WHEEL with <b>INSERT - 4" x 16"</b>	205.00

## MUDLUG

1 SIDE = 1 WHEEL

PHOTO	PART #	DETAILS	PRICE
	MLGW3	MUDLUG GAUGE WHEEL - <b>3" x 16"</b>	135.00
	MLGW45	MUDLUG GAUGE WHEEL - <b>4.5" x 16"</b>	135.00
	MLGWCP	OPTIONAL PLATE COVER for MUDLUG GAUGE WHEELS	18.00

# WHEEL SCRAPERS



We have gauge wheel scrapers available for White and Fendt planters.

## GAUGE WHEEL SCRAPER

Must order 2 sides for 1 complete row

PHOTO	PART #	DETAILS	PRICE
	GWSW	GAUGE WHEEL SCRAPER KIT for <b>WHITE &amp; FENDT</b> planters <b>1 SINGLE SIDE</b> <i>Needs to be welded onto planter</i>	60.00


### GAUGE WHEEL SCRAPER KIT PARTS FOR WHITE 1 SINGLE SIDE

PHOTO		PART #	GWSWA	DETAILS	GAUGE WHEEL SCRAPER ARM	PRICE	25.00
		PART #	GWSJDKP	DETAILS	GAUGE WHEEL SCRAPER PLASTIC PART	PRICE	10.00
		PART #	GWSWW	DETAILS	GAUGE WHEEL SCRAPER WELDON	PRICE	20.00
		PART #	GWSJDKBK	DETAILS	GAUGE WHEEL SCRAPER BOLT PKG	PRICE	5.00


# OTHER PRODUCTS

Questions or can't find what you're looking for? We're happy to help! Call us toll-free 800-382-2607 M-F 8AM-5PM CST

## STALK DESTROYER

PHOTO	PART #	DETAILS	PRICE
	STALKDESTROYER	STALK DESTROYER INCLUDES: 4 9/16" x 9-1/2" Long G8 Bolts.	250.00

## DEPTH BAND

PHOTO	PART #	DETAILS	PRICE
	CDHUB	DEPTH CONTROL HUB for <b>9" DISCS</b>	25.00






## MONOSEM *Planters*

This image shows a single sheet of white paper with horizontal blue ruling lines. The paper is oriented vertically and has rounded corners. There are approximately 20 evenly spaced lines across the page. A thick blue border surrounds the entire sheet of paper.


# REBOUNDER® SEED COVERS

Place all your seeds at the bottom of the furrow with the Rebounder. Add an optional fitting for in-furrow liquid placement. We have three optional fittings to choose from—Y-Not Split It, Straight Shot, Hose Holder.




## REBOUNDERS FOR MONOSEM PLANTERS

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	OJD	ORANGE REBOUNDER FOR <b>MONOSEM NG</b> series planters		30.00
	OBE	ORANGE REBOUNDER for <b>BULLSEYE® SEED TUBE</b> INCLUDES: Rebounder, spacer bracket & 2 tie straps	✓	30.00
	BEMB	MOUNTING BRACKET for <b>BULLSEYE SEED TUBE</b>		1.00
	OWV	ORANGE REBOUNDER for <b>WAVEVISION® SEED TUBE</b>	✓	30.00
	WVMB	MOUNTING BRACKET for <b>WAVEVISION SEED TUBE</b> INCLUDES: Bracket, hardware & 2 tie straps		12.50

## REBOUNDER PARTS

PHOTO	PART #	DETAILS	PRICE
	LT	LARGE TIE STRAP used for mounting the Rebounder to planters	1.00




## SEED FIRMER REPLACEMENT PARTS 1 REBOUNDER, 2 MOUNTING BRACKETS

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	OKRU	<b>ASSEMBLED</b> OKR REBOUNDER and MOUNTING BRACKET that fits <b>WRAPAROUND</b> and <b>UNIVERSAL</b> mounting brackets		42.50
	OKRQ	<b>ASSEMBLED</b> OKR REBOUNDER and MOUNTING BRACKET that fits <b>QUICK ATTACH</b> mounting brackets		42.50
	OKR	ORANGE REBOUNDER for <b>SEED FIRMER TAILS</b>	✓	30.00
	KRUMB	MOUNTING BRACKET for <b>OKR REBOUNDER</b> that fits <b>WRAPAROUND</b> and <b>UNIVERSAL</b> mounting brackets		12.50
	KRQMB	MOUNTING BRACKET for <b>OKR REBOUNDER</b> that fits <b>QUICK ATTACH</b> brackets		12.50










# OPTIONAL FITTINGS

Place all your seeds at the bottom of the furrow with the Rebounder. Add an optional fitting for in-furrow liquid placement. We have three optional fittings to choose from—Y-Not Split It, Straight Shot, Hose Holder.

<b>IN-FURROW OPTIONAL FITTING for <b>OJD</b> type REBOUNDER</b>  <i>3 options to choose from</i> <b>1 ROW = 1 KIT</b>	PHOTO			
	PART #	3Y	HH	SSK
	DETAILS	<b>Y-NOT SPLIT-IT®</b> COMPLETE KIT	<b>HOSE HOLDER™</b> COMPLETE KIT	<b>STRAIGHT SHOT™</b> COMPLETE KIT
	PRICE	6.75	6.00	7.50

## OPTIONAL FITTING KIT PARTS 1 ROW

							
#	LBK	PY	MY	MPK	SSQC	SSTP	SSMPK
	L bracket kit	Y only	Flow restricting micro Y reduces outflow volume by 1/2	Y-NOT metal plate & screws	STRAIGHT SHOT with quick coupler	STRAIGHT SHOT threaded piece	STRAIGHT SHOT metal plate & screws
\$	3.25	2.90	2.90	4.40	6.25	3.00	4.40

# 4-LINK TAIL SECTIONS



The 4-Link Closer™ is a ground following dual parallel linkage tail sections that help provide superior closure in uneven planting conditions.

Five ground attachments to choose from: V Closing Wheels, G2, G3, G4, or Y-Cam.




Also available is the 4-Link Force™ with pneumatic down pressure. Call 800-382-2607 for information.

## MONOSEM NG-2-5T



REQUIRED KIT PARTS **1 ROW**

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	4LCM	4 LINK CLOSER ASSEMBLY for <b>MONOSEM</b> planters with <b>NG-2-5T</b> row units <b>1 ROW</b>	√	625.00
	4LCMMB	4 LINK CLOSER MOUNTING BRACKET KIT for <b>MONOSEM</b> INCLUDES: Mounting bracket & bolt package <b>1 ROW</b>		125.00

### MOUNTING BRACKET PARTS **1 ROW**

	4LCK/M/JDBRK	4 LINK CLOSER MOUNTING BRACKET ONLY for <b>MONOSEM</b>		45.00
	4LCMSPRING BRKT	4 LINK CLOSER SPRING BRACKET ONLY for <b>MONOSEM</b>		60.00
	4LCMBP	4 LINK CLOSER BOLT PACKAGE ONLY for <b>MONOSEM</b>		30.00

## 4 LINK CLOSER GROUND ATTACHMENT OPTIONS

GROUND ATTACHMENT MOUNTING BRACKET for 4 LINK CLOSER  See corresponding sections on following pages  <b>1 ROW</b>	PHOTO		
	PART #	4LCG2MB50	4LCVMB
	DETAILS	4 LINK MOUNTING BRACKET & bolt kit for G SERIES <b>G2 G3 G4</b> and <b>Y-CAM</b>	4 LINK <b>V CLOSING WHEEL BRACKET</b> & bolt kit
	PRICE	50.00	50.00

# Y-CAM

The Y-Cam™ Closing System allows you to install the Chicken Tracker press wheel onto the 4-Link. Other options are closing disc size and style, and 2x2 dual fertilizer.



## Y-CAM CLOSING SYSTEM

REQUIRED KIT PARTS **1 ROW**

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	YCAM-AH-LEFT	<b>LEFT SIDE</b> Y-CAM PIVOT KIT	√	230.00
	YCAM-AH-RIGHT	<b>RIGHT SIDE</b> INCLUDES: Y-Cam bracket & bolt package		
	4LCG2MB50	4 LINK Y-CAM MOUNTING BRACKET INCLUDES: Mounting ears & bolt package		50.00
	YCAM-PWK	Y-CAM PRESS WHEEL BOLT PKG INCLUDES: Press wheel mounting hardware		25.00
	YCAM-CDK	Y-CAM COVERING DISC BOLT PKG INCLUDES: Covering disc mounting hardware		20.00

OPTIONAL KIT PARTS **1 ROW**

	YCAM-FTK	Y-CAM DUAL FERTILIZER TUBES KIT INCLUDES: Dual tubes, mounting hardware & injector orifice <i>*Refer to chart on page 149 for proper orifice size and part #</i>		60.00
	YCAM-LEVEL	Y-CAM LEVEL KIT		15.00

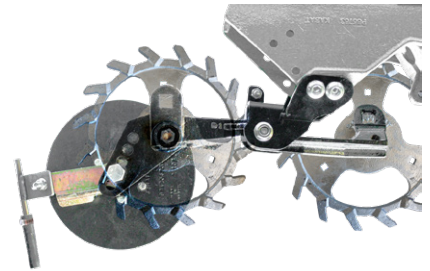
**FOR HOSE ADAPTER KITS, SEE PAGE 148**

PRESS WHEEL for Y-CAM  2 options to choose from  <b>1 ROW = 1 WHEEL</b>  √ MT BKT REQ'D	PHOTO			<b>COVER DISC PARTS</b>	
	PART #	CT4	CT6	#	CDHUB
	DETAILS	4" x 12" <b>CHICKEN TRACKER</b>	6" x 12" <b>CHICKEN TRACKER</b>		DEPTH CONTROL HUB for <b>9" DISCS</b>
	PRICE	150.00	160.00	\$	25.00

COVERING DISCS for Y-CAM  3 options to choose from  <b>1 SIDE = 1 DISC</b>  Need 2 discs per row √ MT BKT REQ'D	PHOTO				
	PART #	G29BDH	G2PTBDHL	G2PTBDHR	G210NBDH
	DETAILS	<b>9" DISC</b> Bearing, Disc, & Hub	<b>LEFT SIDE</b> <b>9" STP DISC</b> Bearing, serrated PT STP Disc, & Hub	<b>RIGHT SIDE</b>	<b>10.5" NOTCHED DISC</b> Bearing, notched Disc, & Hub
	PRICE	60.00	80.00	80.00	80.00

# G SERIES

The G4™, G3™, and G2™ walking beam axles space out the closing wheels. The G2 and G4 provide the option for applying liquid 2x2. The G Series can be mounted directly onto your planter's tail section or onto the 4-Link Closer.



MOUNTING BRACKET for G SERIES  What are you mounting to?  <b>1 ROW</b> <b>= 1 KIT</b>	PHOTO		
	PART #	4LCG2MB50	GMMBK
	DETAILS	<b>4 LINK G2 G3 G4</b> MOUNTING BRACKET & bolt kit	<b>MONOSEM G2 G3 G4</b> MOUNTING BRACKET & bolt kit
	PRICE	50.00	55.00

WALKING BEAM ARM for G SERIES  4 options to choose from  <b>1 ROW</b> <b>= 1 ARM KIT</b> <b>LEFT OR</b> <b>RIGHT SIDE</b>  √ MT BKT REQ'D	PHOTO	
	PART #	G2CAHL      G2CAHR
	DETAILS	<b>LEFT</b> <b>RIGHT</b> <b>G2 CAST</b> ARM, wheel bolts & mounting hardware
	PRICE	179.00




MOUNTING BRACKET PARTS			
PHOTO	PART #	DETAILS	PRICE
	GMBL-D	<b>LEFT</b> <b>MONOSEM</b> <b>G2 G3 G4</b> MOUNTING BRACKET -	22.00
	GMBR-D	<b>RIGHT</b> <b>1 'EAR' ONLY</b>	
	MSB	<b>MONOSEM G2 G3 G4</b> MOUNTING BRACKET SPACER ONLY <i>Need 2 per row</i>	11.00






	PHOTO			
	PART #	G2AHL      G2AHR	G3AHL      G3AHR	G4AHL      G4AHR
	DETAILS	<b>LEFT</b> <b>RIGHT</b> <b>G2 ARM</b> , wheel bolts & mounting hardware	<b>LEFT</b> <b>RIGHT</b> <b>G3 ARM</b> , wheel bolts & mounting hardware	<b>LEFT</b> <b>RIGHT</b> <b>G4 ARM</b> , wheel bolts & mounting hardware
	PRICE	168.00	168.00	231.00






WALKING BEAM ARM KIT PARTS										1 ROW LEFT OR RIGHT SIDE	
PHOTO											
PART #	G2CAL	G2CAR	G2AL	G2AR	G3AL	G3AR	G4AL	G4AR	G2/3ABP	G4ABP	AXLE BOLT
DETAILS	<b>LEFT</b>	<b>RIGHT</b>	<b>LEFT</b>	<b>RIGHT</b>	<b>LEFT</b>	<b>RIGHT</b>	<b>LEFT</b>	<b>RIGHT</b>	<b>G2 G3</b>	<b>G4</b>	AXLE BOLT KIT
	<b>G2 CAST ARM ONLY</b>		<b>G2 ARM ONLY</b>		<b>G3 ARM ONLY</b>		<b>G4 ARM ONLY</b>		ARM BOLT KIT ONLY INCLUDES: Wheel bolts & mounting hardware		
PRICE	150.00		138.00		138.00		200.00		30.00	30.00	20.00

**\*\*Refer to charts on page 149 to determine injector orifice size & part # \*\***

<b>FERTILIZER DISCS for G2 G4</b>  3 options to choose from  <b>1 ROW = 1 DISC</b>  √ MT BKT REQ'D	PHOTO					<b>FERTILIZER DISC PARTS</b>			
	PART #	G28BDH	G29BDH	G2PTBDHL	G2PTBDHR		G2B	BEARING for FERTILIZER DISC with <b>5/8" BORE</b>	15.00
	DETAILS	<b>8" DISC</b>   <b>9" DISC</b> <b>SMOOTH DISC</b> Bearing, Disc, & Hub		<b>LEFT SIDE</b>   <b>RIGHT SIDE</b> <b>9" STP DISC</b> Bearing, serrated PT STP Disc, & Hub			G2HB	HUB and BEARING	25.00
	PRICE	60.00	60.00	80.00			CDHUB	DEPTH CONTROL HUB for <b>9" DISCS</b>	25.00

<b>COMPLETE FERTILIZER KIT for G2 G4</b>  <b>1 ROW = 1 KIT LEFT OR RIGHT SIDE</b>  DISC NOT INCLUDED	PHOTO						
	PART #	G2FRTK-L	G2FRTK-R	G2DL	G2DR	G4FRTK-L	G4FRTK-R
	DETAILS	<b>LEFT</b>   <b>RIGHT</b> COMPLETE <b>G2</b> FERTILIZER KIT with mounting hardware & injector orifice**		<b>LEFT</b>   <b>RIGHT</b> <b>G2 DUAL</b> FERTILIZER TUBE KIT with mounting hardware & injector orifice **		<b>LEFT</b>   <b>RIGHT</b> COMPLETE <b>G4</b> FERTILIZER KIT with mounting hardware & injector orifice **	
	PRICE	55.00		35.00		65.00	

<b>G2 FERTILIZER KIT PARTS</b>						<b>1 ROW LEFT OR RIGHT SIDE</b>	
PHOTO							
PART #	G2FDMBHL	G2FDMBHR	G2FABK	G2SST	G2FAB	G2FBL	G2FBR
DETAILS	<b>LEFT</b>   <b>RIGHT</b> G2 FERTILIZER DISC MOUNTING BRACKET & hardware		G2 FERTILIZER TUBE KIT, hardware & injector orifice**	G2 2-SLOTTED STAINLESS STEEL TUBE ONLY	G2 FERTILIZER ADJUSTABLE BRACKET STAINLESS STEEL PIVOT	<b>LEFT</b>   <b>RIGHT</b> G2 FERTILIZER BRACKET ONLY	
PRICE	25.00		45.00	15.00	30.00	20.00	

<b>G4 FERTILIZER KIT PARTS</b>						<b>1 ROW LEFT OR RIGHT SIDE</b>	
PHOTO							
PART #	G4FMBN	G4FTL	G4FTR	G4SST	FDIHBKTL-SS	FDIHBKTLR-SS	G4W
DETAILS	G4 FERTILIZER DISC MOUNTING BRACKET & hardware	<b>LEFT</b>   <b>RIGHT</b> G4 FERTILIZER TUBE KIT, hardware & injector orifice**		G4 1-SLOTTED STAINLESS STEEL TUBE ONLY	<b>LEFT</b>   <b>RIGHT</b> G4 FERTILIZER TUBE MOUNTING BRACKET ONLY		<b>G4 WEIGHT</b> & hardware for <b>NO FERTILIZER</b>
PRICE	25.00	35.00		15.00	25.00		40.00


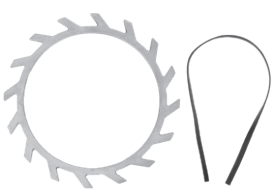


**FOR HOSE ADAPTER KITS, SEE PAGE 148**





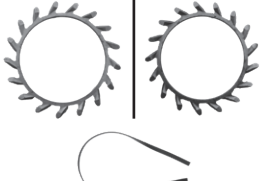



# CLOSING WHEELS

We offer multiple varieties of Mohawk™ and Zipper™ angled spike closing wheels, along with the 2" Chicken Tracker™. The V Closing Bracket is needed when installing closing wheels to the 4-Link Closer.

## MOHAWK CLOSING WHEELS

PHOTO				
PART #	MO	MOR	CMO	MMAX
DETAILS	MOHAWK COMPLETE for <b>MONOSEM</b> planters Cast spikes, plastic wheel & <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL</b>	MOHAWK RING - spiked cast wheel with rubber insert <b>1 SIDE = 1 RING</b>	<b>CAST MOHAWK WHEEL</b> for <b>MONOSEM</b> planters <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL</b>	<b>CAST MOHAWK MAX WHEEL</b> for <b>MONOSEM</b> planters <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL</b>
PRICE	100.00	75.00	120.00	140.00

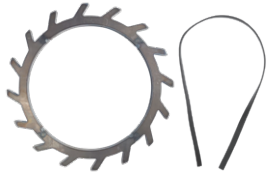
## ZIPPER CLOSING WHEELS

PHOTO																
PART #	ZPL		ZPR		ZRL		ZRR		ZCL		ZCR		ZMAXL		ZMAXR	
DETAILS	<b>LEFT SIDE SILVER</b> ZIPPER COMPLETE for <b>MONOSEM</b> planters Cast spikes, plastic wheel & <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL LEFT OR RIGHT</b>		<b>RIGHT SIDE GOLD</b> ZIPPER COMPLETE for <b>MONOSEM</b> planters Cast spikes, plastic wheel & <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL LEFT OR RIGHT</b>		<b>LEFT SIDE SILVER</b> ZIPPER RING - spiked cast wheel with rubber insert <b>1 SIDE = 1 RING LEFT OR RIGHT</b>		<b>RIGHT SIDE GOLD</b> ZIPPER RING - spiked cast wheel with rubber insert <b>1 SIDE = 1 RING LEFT OR RIGHT</b>		<b>CAST ZIPPER WHEEL</b> for <b>MONOSEM</b> planters <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL LEFT OR RIGHT</b>		<b>CAST ZIPPER WHEEL</b> for <b>MONOSEM</b> planters <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL LEFT OR RIGHT</b>		<b>CAST ZIPPER MAX WHEEL</b> for <b>MONOSEM</b> planters <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL LEFT OR RIGHT</b>		<b>CAST ZIPPER MAX WHEEL</b> for <b>MONOSEM</b> planters <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL LEFT OR RIGHT</b>	
PRICE	106.00		106.00		85.00		85.00		125.00		125.00		145.00		145.00	




## STEEL MOHAWK RING






Limited stock

PHOTO	
PART #	SMOR
DETAILS	STEEL MOHAWK RING - spiked steel wheel with rubber insert <b>1 SIDE = 1 RING</b>
PRICE	60.00






## CHICKEN TRACKER

PHOTO	PART #	DETAILS	PRICE
	CT2X12	<b>2" x 12" CHICKEN TRACKER</b> <b>1 SIDE = 1 WHEEL</b>	150.00

## HUBS

PHOTO	PART #	DETAILS	PRICE
	PRESS WHEEL PLASTIC HALF	PRESS WHEEL <b>PLASTIC HALF</b> / Cover Crop Cover <b>1 HALF</b>	15.00
	PWBP	PRESS WHEEL BOLT PKG holds plastic halves together	5.00
	MOZHS	<b>SHALLOW</b> DISH HUB for CLOSING WHEELS <b>1 SIDE = 1 HUB</b>	15.00
	MOZH	<b>DEEP</b> DISH HUB for <b>CAST</b> CLOSING WHEELS <b>1 SIDE = 1 HUB</b>	15.00
	MOZFP	FLAT COVER PLATE for <b>CAST</b> CLOSING WHEELS <b>1 SIDE = 1 HUB</b>	15.00

## CLOSING WHEEL PARTS


PHOTO	PART #	DETAILS	PRICE
	MED (3/22) RUBBER INSERT	MOHAWK or ZIPPER RING rubber insert only	2.00
	4LCVMB	<b>4-LINK</b> V CLOSING WHEEL BRACKET & bolt kit	50.00
	MOZBP	Mounting hardware package for CLOSING WHEELS <b>2 WHEELS = 1 ROW</b>	10.00
	MOZSP	Spacer kit for CLOSING WHEELS INCLUDES: <b>1</b> 1/2" spacer & <b>1</b> 1/4" spacer	2.50
	APL502002 5203KYY2	5/8" OEM BORE <b>STANDARD BEARING</b> for CLOSING WHEELS	20.00

# FURROW V CLOSER®

Two options of FVC disc to choose from, plastic or steel. Only one gauging tool is required per set and will be included with every order of Furrow V Closer kit parts.

## UNIVERSAL DO IT YOURSELF

REQUIRED KIT PARTS 1 ROW

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	FVCUMB	FURROW V CLOSER MOUNTING BRACKET for <b>UNIVERSAL-DO IT YOURSELF</b> planters		21.25
	FVCLL	FURROW V CLOSER SHAFT for <b>UNIVERSAL</b> -Long shaft and long thread	√	12.95
	FVCPBDH	<b>GREY/BLACK POLY</b> FURROW V CLOSER BEARING DISC HUB		40.00
	FVCSBDH	<b>STEEL</b> Select 1 of 2 disc assembly options		50.00
		FURROW V CLOSER GAUGING TOOL for <b>UNIVERSAL</b> 1 gauging tool per FVC order will be included		


### FURROW V CLOSER KIT PARTS

PART #	FVCPD	FVCSD	FVCB	FVCH	FVCPBDH	FVCSBDH	FVCGT
DETAILS	FVC GREY/ BLACK <b>POLY</b> DISC	FVC <b>STEEL</b> DISC	FVC BEARING	FVC HUB	FVC BEARING, <b>POLY</b> DISC & HUB	FVC BEARING, <b>STEEL</b> DISC & HUB	FVC GAUGING TOOL
PRICE	10.50	23.22	19.75	13.90	40.00	50.00	4.00

# OPENER DISC BLADES

## B-TOEM



These are the blades we have in stock. Please call 800-382-2607 for all other styles/models.

PHOTO	PART #	DETAILS	PRICE
	9002637068#	B-TOEM BLADE for <b>MONOSEM PLUS</b> series 15" diameter, <b>205 bearing</b> , 4mm thickness	call for pricing

# GAUGE WHEELS



## CHICKEN TRACKER

1 SIDE = 1 WHEEL

PHOTO	PART #	DETAILS	PRICE
	CT4X13	CHICKEN TRACKER GAUGE WHEEL - <b>4" x 13"</b> metal gauge wheel/ closing wheel. For strip-till & gauge wheels on planters & strip-till machines	160.00
	CT4X16	CHICKEN TRACKER GAUGE WHEEL - <b>4" x 16"</b> metal gauge wheel. For gauge wheels on planters & strip-till machines	175.00
	GWCT4X13	CHICKEN TRACKER GAUGE WHEEL with <b>INSERT - 4" x 13"</b>	190.00
	GWCT4X16	CHICKEN TRACKER GAUGE WHEEL with <b>INSERT - 4" x 16"</b>	205.00

## MUDLUG

1 SIDE = 1 WHEEL

PHOTO	PART #	DETAILS	PRICE
	MLGW3	MUDLUG GAUGE WHEEL - <b>3" x 16"</b>	135.00
	MLGW45	MUDLUG GAUGE WHEEL - <b>4.5" x 16"</b>	135.00
	MLGWCP	OPTIONAL PLATE COVER for MUDLUG GAUGE WHEELS	18.00

## OTHER PRODUCTS

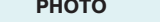
Questions or can't find what you're looking for? We're happy to help! Call us toll-free 800-382-2607 M-F 8AM-5PM CST

## CASE CLOSING DISCS


*Need both left & right closing discs for 1 row*

PHOTO	PART #	DETAILS		PRICE
	P6000L	<b>LEFT SIDE SILVER</b>	NOTCHED COVERING DISC ASSEMBLY for <b>MONOSEM</b> 8" diameter.  <b>1 DISC LEFT OR RIGHT</b>	45.00
	P6001R	<b>RIGHT SIDE BLACK</b>		

## DEPTH BAND

PHOTO	PART #	DETAILS	PRICE
	CDHUB	DEPTH CONTROL HUB for <b>9" DISCS</b>	25.00

## STALK DESTROYER

PHOTO	PART #	DETAILS	PRICE
	STALKDESTROYER	STALK DESTROYER INCLUDES: 4 9/16" x 9-1/2" Long G8 Bolts.	250.00

[illegible]




# HORSCH MAESTRO *Planters*

[illegible]


# REBOUNDER® SEED COVERS

Place all your seeds at the bottom of the furrow with the Rebounder. Add an optional fitting for in-furrow liquid placement.




## REBOUNDERS FOR HORSCH MAESTRO PLANTERS

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	OJD	ORANGE REBOUNDER FOR <b>HORSCH MAESTRO</b>		30.00
	OBE	ORANGE REBOUNDER for <b>BULLSEYE® SEED TUBE</b> INCLUDES: Rebounder, spacer bracket & 2 tie straps		30.00
	BEMB	MOUNTING BRACKET for <b>BULLSEYE SEED TUBE</b>		1.00
	OWV	ORANGE REBOUNDER for <b>WAVEVISION® SEED TUBE</b>	√	30.00
	WVMB	MOUNTING BRACKET for <b>WAVEVISION SEED TUBE</b> INCLUDES: Bracket, hardware & 2 tie straps		12.50

### REBOUNDER PARTS

PHOTO	PART #	DETAILS	PRICE
	LT	LARGE TIE STRAP used for mounting the Rebounder to planters	1.00



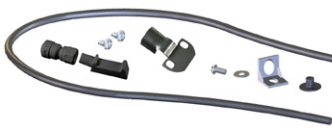
## SEED FIRMER REPLACEMENT PARTS 1 REBOUNDER, 2 MOUNTING BRACKETS

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	OKRU	<b>ASSEMBLED</b> OKR REBOUNDER and MOUNTING BRACKET that fits <b>WRAPAROUND</b> and <b>UNIVERSAL</b> mounting brackets		42.50
	OKRQ	<b>ASSEMBLED</b> OKR REBOUNDER and MOUNTING BRACKET that fits <b>QUICK ATTACH</b> mounting brackets		42.50
	OKR	ORANGE REBOUNDER for <b>SEED FIRMER TAILS</b>	√	30.00
	KRUMB	MOUNTING BRACKET for <b>OKR REBOUNDER</b> that fits <b>WRAPAROUND</b> and <b>UNIVERSAL</b> mounting brackets		12.50
	KRQMB	MOUNTING BRACKET for <b>OKR REBOUNDER</b> that fits <b>QUICK ATTACH</b> brackets		12.50










# OPTIONAL FITTINGS

We have three optional fittings to choose from—Y-Not Split It, Straight Shot, Hose Holder.

<b>IN-FURROW OPTIONAL FITTING for <b>OJD</b> type REBOUNDER</b>  <i>3 options to choose from</i> <b>1 ROW = 1 KIT</b>	PHOTO			
	PART #	3Y	HH	SSK
	DETAILS	<b>Y-NOT SPLIT-IT®</b> COMPLETE KIT	<b>HOSE HOLDER™</b> COMPLETE KIT	<b>STRAIGHT SHOT™</b> COMPLETE KIT
	PRICE	6.75	6.00	7.50

## OPTIONAL FITTING KIT PARTS 1 ROW

							
#	LBK	PY	MY	MPK	SSQC	SSTP	SSMPK
	L bracket kit	Y only	Flow restricting micro Y reduces outflow volume by 1/2	Y-NOT metal plate & screws	STRAIGHT SHOT with quick coupler	STRAIGHT SHOT threaded piece	STRAIGHT SHOT metal plate & screws
\$	3.25	2.90	2.90	4.40	6.25	3.00	4.40

# 4-LINK TAIL SECTIONS



The 4-Link Closer™ is a ground following dual parallel linkage tail sections that help provide superior closure in uneven planting conditions.

Five ground attachments to choose from: V Closing Wheels, G2, G3, G4, or Y-Cam.



Also available is the 4-Link Force™ with pneumatic down pressure. Call 800-382-2607 for information.

## HORSCH MAESTRO



REQUIRED KIT PARTS **1 ROW**

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	4LCHM	4 LINK CLOSER ASSEMBLY for <b>HORSCH MAESTRO</b> planters <b>1 ROW</b>	√	625.00
	4LCHMMB	4 LINK CLOSER MOUNTING BRACKET KIT for <b>HORSCH MAESTRO</b> INCLUDES: Mounting bracket & bolt package <b>1 ROW</b>		75.00

### MOUNTING BRACKET PARTS **1 ROW**

	4LCHMBRKW	4 LINK CLOSER <b>WELDED</b> MOUNTING BRACKET ONLY for <b>HORSCH MAESTRO</b>		60.00
	4LCHMBP	4 LINK CLOSER BOLT PACKAGE ONLY for <b>HORSCH MAESTRO</b>		25.00

## 4 LINK CLOSER GROUND ATTACHMENT OPTIONS

GROUND ATTACHMENT MOUNTING BRACKET for 4 LINK CLOSER  See corresponding sections on following pages  <b>1 ROW</b>	PHOTO		
	PART #	4LCG2MB50	4LCVMB
	DETAILS	4 LINK MOUNTING BRACKET & bolt kit for G SERIES <b>G2 G3 G4</b> and <b>Y-CAM</b>	4 LINK <b>V CLOSING WHEEL BRACKET</b> & bolt kit
	PRICE	50.00	50.00

# Y-CAM

The Y-Cam™ Closing System allows you to install the Chicken Tracker press wheel onto the 4-Link. Other options are closing disc size and style, and 2x2 dual fertilizer.



## Y-CAM CLOSING SYSTEM

REQUIRED KIT PARTS **1 ROW**

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	YCAM-AH-LEFT	<b>LEFT SIDE</b> Y-CAM PIVOT KIT	√	230.00
	YCAM-AH-RIGHT	<b>RIGHT SIDE</b> INCLUDES: Y-Cam bracket & bolt package		
	4LCG2MB50	4 LINK Y-CAM MOUNTING BRACKET INCLUDES: Mounting ears & bolt package		50.00
	YCAM-PWK	Y-CAM PRESS WHEEL BOLT PKG INCLUDES: Press wheel mounting hardware		25.00
	YCAM-CDK	Y-CAM COVERING DISC BOLT PKG INCLUDES: Covering disc mounting hardware		20.00

OPTIONAL KIT PARTS **1 ROW**

	YCAM-FTK	Y-CAM DUAL FERTILIZER TUBES KIT INCLUDES: Dual tubes, mounting hardware & injector orifice <i>*Refer to chart on page 149 for proper orifice size and part #</i>		60.00
	YCAM-LEVEL	Y-CAM LEVEL KIT		15.00

**FOR HOSE ADAPTER KITS, SEE PAGE 148**

<b>PRESS WHEEL</b> for Y-CAM  2 options to choose from  <b>1 ROW</b> = <b>1 WHEEL</b>  √ MT BKT REQ'D	PHOTO		
	PART #	CT4	CT6
	DETAILS	<b>4" x 12"</b> <b>CHICKEN TRACKER</b>	<b>6" x 12"</b> <b>CHICKEN TRACKER</b>
	PRICE	150.00	160.00

### COVER DISC PARTS

#	CDHUB
	DEPTH CONTROL HUB for <b>9" DISCS</b>
\$	25.00

<b>COVERING DISCS</b> for Y-CAM  3 options to choose from  <b>1 SIDE</b> = <b>1 DISC</b>  Need 2 discs per row √ MT BKT REQ'D	PHOTO				
	PART #	G29BDH	G2PTBDHL	G2PTBDHR	G210NBDH
	DETAILS	<b>9" DISC</b> Bearing, Disc, & Hub	<b>LEFT SIDE</b> <b>9" STP DISC</b> Bearing, serrated PT STP Disc, & Hub	<b>RIGHT SIDE</b>	<b>10.5" NOTCHED DISC</b> Bearing, notched Disc, & Hub
	PRICE	60.00	80.00	80.00	80.00

# G SERIES

The G4™, G3™, and G2™ walking beam axles space out the closing wheels. The G2 and G4 provide the option for applying liquid 2x2. The G Series can be mounted directly onto your planter's tail section or onto the 4-Link Closer.



MOUNTING BRACKET for G SERIES  <i>What are you mounting to?</i>  <b>1 ROW = 1 KIT</b>	PHOTO		
	PART #	4LCG2MB50	GHMBK
	DETAILS	<b>4 LINK G2 G3 G4</b> MOUNTING BRACKET & bolt kit	<b>HORSCH G2 G3 G4</b> MOUNTING BRACKET & bolt kit
	PRICE	50.00	55.00

WALKING BEAM ARM for G SERIES  <i>4 options to choose from</i>  <b>1 ROW = 1 ARM KIT LEFT OR RIGHT SIDE</b>  √ MT BKT REQ'D	PHOTO		
	PART #	G2CAHL	G2CAHR
	DETAILS	<b>LEFT</b> <b>G2 CAST</b> ARM, wheel bolts & mounting hardware	<b>RIGHT</b>
	PRICE	179.00	




MOUNTING BRACKET PARTS			
PHOTO	PART #	DETAILS	PRICE
	GHMB	<b>HORSCH G2 G3 G4</b> MOUNTING BRACKET	40.00
	MSB	<b>HORSCH G2 G3 G4</b> MOUNTING BRACKET SPACER ONLY <i>Need 2 per row</i>	11.00

	PHOTO						
	PART #	G2AHL	G2AHR	G3AHL	G3AHR	G4AHL	G4AHR
	DETAILS	<b>LEFT</b> <b>G2</b> ARM, wheel bolts & mounting hardware	<b>RIGHT</b>	<b>LEFT</b> <b>G3</b> ARM, wheel bolts & mounting hardware	<b>RIGHT</b>	<b>LEFT</b> <b>G4</b> ARM, wheel bolts & mounting hardware	<b>RIGHT</b>
	PRICE	168.00		168.00		231.00	

WALKING BEAM ARM KIT PARTS										1 ROW LEFT OR RIGHT SIDE	
PHOTO											
PART #	G2CAL	G2CAR	G2AL	G2AR	G3AL	G3AR	G4AL	G4AR	G2/3ABP	G4ABP	AXLE BOLT
DETAILS	<b>LEFT</b> <b>G2 CAST</b> ARM ONLY	<b>RIGHT</b>	<b>LEFT</b> <b>G2</b> ARM ONLY	<b>RIGHT</b>	<b>LEFT</b> <b>G3</b> ARM ONLY	<b>RIGHT</b>	<b>LEFT</b> <b>G4</b> ARM ONLY	<b>RIGHT</b>	<b>G2 G3</b> ARM BOLT KIT ONLY INCLUDES: Wheel bolts & mounting hardware	<b>G4</b>	AXLE BOLT KIT
PRICE	150.00		138.00		138.00		200.00		30.00	30.00	20.00






**\*\*Refer to charts on page 149 to determine injector orifice size & part # \*\***

<div>FERTILIZER DISCS for <b>G2 G4</b></div> <div>3 options to choose from</div> <div><b>1 ROW = 1 DISC</b></div> <div>√ MT BKT REQ'D</div>	PHOTO					<div>FERTILIZER DISC PARTS</div>			
	PART #	G28BDH	G29BDH	G2PTBDHL	G2PTBDHR		G2B	BEARING for FERTILIZER DISC with <b>5/8" BORE</b>	15.00
	DETAILS	<b>8" DISC</b> <b>9" DISC</b> <b>SMOOTH DISC</b> Bearing, Disc, & Hub		<b>9" STP DISC</b> Bearing, serrated PT STP Disc, & Hub			G2HB	HUB and BEARING	25.00
		PRICE	60.00	60.00	80.00			CDHUB	DEPTH CONTROL HUB for <b>9" DISCS</b>

<b>COMPLETE FERTILIZER KIT for G2 G4</b>  <b>1 ROW = 1 KIT LEFT OR RIGHT SIDE</b>  DISC NOT INCLUDED	PHOTO						
	PART #	G2FRTK-L	G2FRTK-R	G2DL	G2DR	G4FRTK-L	G4FRTK-R
	DETAILS	<b>LEFT</b> COMPLETE <b>G2</b> FERTILIZER KIT with mounting hardware & injector orifice**		<b>RIGHT</b> <b>G2 DUAL</b> FERTILIZER TUBE KIT with mounting hardware & injector orifice **		<b>LEFT</b> COMPLETE <b>G4</b> FERTILIZER KIT with mounting hardware & injector orifice **	
	PRICE	55.00		35.00		65.00	






**G2 FERTILIZER KIT PARTS**

**1 ROW LEFT OR RIGHT SIDE**

PHOTO							
PART #	G2FDMBHL	G2FDMBHR	G2FABK	G2SST	G2FAB	G2FBL	G2FBR
DETAILS	<b>LEFT</b> G2 FERTILIZER DISC MOUNTING BRACKET & hardware		<b>RIGHT</b> G2 FERTILIZER TUBE KIT, hardware & injector orifice**	G2 2-SLOTTED STAINLESS STEEL TUBE ONLY	G2 FERTILIZER ADJUSTABLE BRACKET STAINLESS STEEL PIVOT	<b>LEFT</b> G2 FERTILIZER BRACKET ONLY	
PRICE	25.00		45.00	15.00	30.00	20.00	

**G4 FERTILIZER KIT PARTS**

**1 ROW LEFT OR RIGHT SIDE**

PHOTO							
PART #	G4FMBN	G4FTL	G4FTR	G4SST	FDIHBKTL-SS	FDIHBKTLR-SS	G4W
DETAILS	G4 FERTILIZER DISC MOUNTING BRACKET & hardware	<b>LEFT</b> G4 FERTILIZER TUBE KIT, hardware & injector orifice**		G4 1-SLOTTED STAINLESS STEEL TUBE ONLY	<b>LEFT</b> G4 FERTILIZER TUBE MOUNTING BRACKET ONLY		<b>G4 WEIGHT</b> & hardware for <b>NO FERTILIZER</b>
PRICE	25.00	35.00		15.00	25.00		40.00


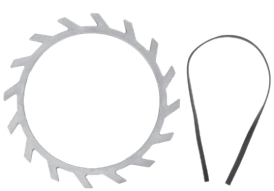


**FOR HOSE ADAPTER KITS, SEE PAGE 148**





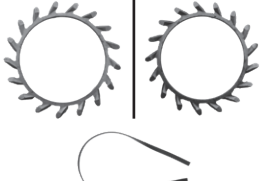



# CLOSING WHEELS

We offer multiple varieties of Mohawk™ and Zipper™ angled spike closing wheels, along with the 2" Chicken Tracker™. The V Closing Bracket is needed when installing closing wheels to the 4-Link Closer.

## MOHAWK CLOSING WHEELS

PHOTO				
PART #	MO	MOR	CMO	MMAX
DETAILS	MOHAWK COMPLETE for <b>HORSCH MAESTRO</b> planters Cast spikes, plastic wheel & <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL</b>	MOHAWK RING - spiked cast wheel with rubber insert <b>1 SIDE = 1 RING</b>	<b>CAST MOHAWK WHEEL</b> for <b>HORSCH MAESTRO</b> planters <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL</b>	<b>CAST MOHAWK MAX WHEEL</b> for <b>HORSCH MAESTRO</b> planters <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL</b>
PRICE	100.00	75.00	120.00	140.00

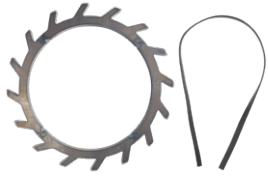
## ZIPPER CLOSING WHEELS

PHOTO														
PART #	ZPL		ZPR		ZRL		ZRR		ZCL		ZCR		ZMAXL	ZMAXR
DETAILS	<b>LEFT SIDE SILVER</b>		<b>RIGHT SIDE GOLD</b>		<b>LEFT SIDE SILVER</b>		<b>RIGHT SIDE GOLD</b>		<b>LEFT SIDE</b>		<b>RIGHT SIDE</b>		<b>LEFT SIDE</b>	<b>RIGHT SIDE</b>
	ZIPPER COMPLETE for <b>HORSCH MAESTRO</b> planters Cast spikes, plastic wheel & <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL LEFT OR RIGHT</b>				ZIPPER RING - spiked cast wheel with rubber insert <b>1 SIDE = 1 RING LEFT OR RIGHT</b>				CAST ZIPPER WHEEL for <b>HORSCH MAESTRO</b> planters <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL LEFT OR RIGHT</b>				CAST ZIPPER MAX WHEEL for <b>HORSCH MAESTRO</b> planters <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL LEFT OR RIGHT</b>	
PRICE	106.00				85.00				125.00				145.00	




## STEEL MOHAWK RING






Limited stock

PHOTO	
PART #	SMOR
DETAILS	STEEL MOHAWK RING - spiked steel wheel with rubber insert <b>1 SIDE = 1 RING</b>
PRICE	60.00






## CHICKEN TRACKER

PHOTO	PART #	DETAILS	PRICE
	CT2X12	<b>2" x 12" CHICKEN TRACKER</b> <b>1 SIDE = 1 WHEEL</b>	150.00

## HUBS

PHOTO	PART #	DETAILS	PRICE
	PRESS WHEEL PLASTIC HALF	PRESS WHEEL <b>PLASTIC HALF</b> / Cover Crop Cover <b>1 HALF</b>	15.00
	PWBP	PRESS WHEEL BOLT PKG holds plastic halves together	5.00
	MOZHS	<b>SHALLOW</b> DISH HUB for CLOSING WHEELS <b>1 SIDE = 1 HUB</b>	15.00
	MOZH	<b>DEEP</b> DISH HUB for <b>CAST</b> CLOSING WHEELS <b>1 SIDE = 1 HUB</b>	15.00
	MOZFP	FLAT COVER PLATE for <b>CAST</b> CLOSING WHEELS <b>1 SIDE = 1 HUB</b>	15.00

## CLOSING WHEEL PARTS


PHOTO	PART #	DETAILS	PRICE
	MED (3/22) RUBBER INSERT	MOHAWK or ZIPPER RING rubber insert only	2.00
	4LCVMB	<b>4-LINK</b> V CLOSING WHEEL BRACKET & bolt kit	50.00
	MOZBP	Mounting hardware package for CLOSING WHEELS <b>2 WHEELS = 1 ROW</b>	10.00
	MOZSP	Spacer kit for CLOSING WHEELS INCLUDES: <b>1</b> 1/2" spacer & <b>1</b> 1/4" spacer	2.50
	APL502002 5203KYY2	5/8" OEM BORE <b>STANDARD BEARING</b> for CLOSING WHEELS	20.00

# FURROW V CLOSER®

Two options of FVC disc to choose from, plastic or steel. Only one gauging tool is required per set and will be included with every order of Furrow V Closer kit parts.

## UNIVERSAL DO IT YOURSELF

REQUIRED KIT PARTS 1 ROW

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	FVCUMB	FURROW V CLOSER MOUNTING BRACKET for <b>UNIVERSAL-DO IT YOURSELF</b> planters		21.25
	FVCLL	FURROW V CLOSER SHAFT for <b>UNIVERSAL</b> -Long shaft and long thread	√	12.95
	FVCPBDH	<b>GREY/BLACK POLY</b> FURROW V CLOSER BEARING DISC HUB		40.00
	FVCSBDH	<b>STEEL</b> Select 1 of 2 disc assembly options		50.00
		FURROW V CLOSER GAUGING TOOL for <b>UNIVERSAL</b> 1 gauging tool per FVC order will be included		



### FURROW V CLOSER KIT PARTS

PART #	FVCPD	FVCSD	FVCB	FVCH	FVCPBDH	FVCSBDH	FVCGT
DETAILS	FVC GREY/ BLACK <b>POLY</b> DISC	FVC <b>STEEL</b> DISC	FVC BEARING	FVC HUB	FVC BEARING, <b>POLY</b> DISC & HUB	FVC BEARING, <b>STEEL</b> DISC & HUB	FVC GAUGING TOOL
PRICE	10.50	23.22	19.75	13.90	40.00	50.00	4.00

# GAUGE WHEELS



## CHICKEN TRACKER

1 SIDE = 1 WHEEL

PHOTO	PART #	DETAILS	PRICE
	CT4X13	CHICKEN TRACKER GAUGE WHEEL - <b>4" x 13"</b> metal gauge wheel/ closing wheel. <i>For strip-till &amp; gauge wheels on planters &amp; strip-till machines</i>	160.00
	CT4X16	CHICKEN TRACKER GAUGE WHEEL - <b>4" x 16"</b> metal gauge wheel. <i>For gauge wheels on planters &amp; strip-till machines</i>	175.00
	GWCT4X13	CHICKEN TRACKER GAUGE WHEEL with <b>INSERT - 4" x 13"</b>	190.00
	GWCT4X16	CHICKEN TRACKER GAUGE WHEEL with <b>INSERT - 4" x 16"</b>	205.00

## MUDLUG


1 SIDE = 1 WHEEL

PHOTO	PART #	DETAILS	PRICE
	MLGW3	MUDLUG GAUGE WHEEL - <b>3" x 16"</b>	135.00
	MLGW45	MUDLUG GAUGE WHEEL - <b>4.5" x 16"</b>	135.00
	MLGWCP	OPTIONAL PLATE COVER for MUDLUG GAUGE WHEELS	18.00


# OTHER PRODUCTS

Questions or can't find what you're looking for? We're happy to help! Call us toll-free 800-382-2607 M-F 8AM-5PM CST

## STALK DESTROYER

PHOTO	PART #	DETAILS	PRICE
	STALKDESTROYER	STALK DESTROYER INCLUDES: 4 9/16" x 9-1/2" Long G8 Bolts.	250.00

## DEPTH BAND

PHOTO	PART #	DETAILS	PRICE
	CDHUB	DEPTH CONTROL HUB for <b>9" DISCS</b>	25.00










## GREAT PLAINS *Planters*

[illegible]


# REBOUNDER® SEED COVERS

Place all your seeds at the bottom of the furrow with the Rebounder. Add an optional fitting for in-furrow liquid placement.






## REBOUNDERS FOR GREAT PLAINS PLANTERS

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	OJD	ORANGE REBOUNDER FOR <b>GREAT PLAINS</b> planters <b>EXCEPT CLEAR-SHOT® SEED TUBE</b>		30.00
	DOGPCS	ORANGE REBOUNDER FOR <b>GREAT PLAINS YP 3PYP 25</b> series planters with <b>CLEAR-SHOT® SEED TUBE</b> INCLUDES: Rebounder, spacer bracket, bolt kit & 2 tie straps	 GP 817-697C	30.00
	OBE	ORANGE REBOUNDER for <b>BULLSEYE® SEED TUBE</b> INCLUDES: Rebounder, spacer bracket & 2 tie straps	 PP # 700150 700155 770158 700160	30.00
	BEMB	MOUNTING BRACKET for <b>BULLSEYE SEED TUBE</b>		1.00
	OWV	ORANGE REBOUNDER for <b>WAVEVISION® SEED TUBE</b>	 PP # 700200 700250 700255 700260 700271	√ 30.00
	WVMB	MOUNTING BRACKET for <b>WAVEVISION SEED TUBE</b> INCLUDES: Bracket, hardware & 2 tie straps		12.50

## REBOUNDER PARTS

PHOTO	PART #	DETAILS	PRICE
	LT	LARGE TIE STRAP used for mounting the Rebounder to planters	1.00



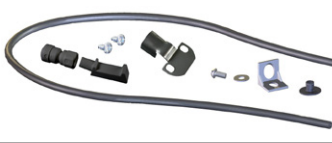
## SEED FIRMER REPLACEMENT PARTS 1 REBOUNDER, 2 MOUNTING BRACKETS

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	OKRU	<b>ASSEMBLED</b> OKR REBOUNDER and MOUNTING BRACKET that fits <b>WRAPAROUND</b> and <b>UNIVERSAL</b> mounting brackets		42.50
	OKRQ	<b>ASSEMBLED</b> OKR REBOUNDER and MOUNTING BRACKET that fits <b>QUICK ATTACH</b> mounting brackets		42.50
	OKR	ORANGE REBOUNDER for <b>SEED FIRMER TAILS</b>	√	30.00
	KRUMB	MOUNTING BRACKET for <b>OKR REBOUNDER</b> that fits <b>WRAPAROUND</b> and <b>UNIVERSAL</b> mounting brackets		12.50
	KRQMB	MOUNTING BRACKET for <b>OKR REBOUNDER</b> that fits <b>QUICK ATTACH</b> brackets		12.50










# OPTIONAL FITTINGS


We have three optional fittings to choose from—Y-Not Split It, Straight Shot, Hose Holder. Also available are stainless steel tubes.

IN-FURROW OPTIONAL FITTING for <b>OJD</b> type <b>REBOUNDER</b>  3 options to choose from  <b>1 ROW = 1 KIT</b>	PHOTO			
	PART #	3Y	HH	SSK
	DETAILS	<b>Y-NOT SPLIT-IT®</b> COMPLETE KIT	<b>HOSE HOLDER™</b> COMPLETE KIT	<b>STRAIGHT SHOT™</b> COMPLETE KIT
	PRICE	6.75	6.00	7.50

## OPTIONAL FITTING KIT PARTS 1 ROW

							
#	LBK	PY	MY	MPK	SSQC	SSTP	SSMPK
	L bracket kit	Y only	Flow restricting micro Y reduces outflow volume by 1/2	Y-NOT metal plate & screws	STRAIGHT SHOT with quick coupler	STRAIGHT SHOT threaded piece	STRAIGHT SHOT metal plate & screws
\$	3.25	2.90	2.90	4.40	6.25	3.00	4.40



## TOTALLY TUBULAR STAINLESS STEEL TUBES *No discounts given on Totally Tubular tubes*

PHOTO	PART #	DETAILS	PRICE
	TT400	TOTALLY TUBULAR STAINLESS STEEL TUBE for <b>GREAT PLAINS</b> planters	67.00



# 4-LINK TAIL SECTIONS

The 4-Link Closer™ is a ground following dual parallel linkage tail sections that help provide superior closure in uneven planting conditions. Five ground attachments to choose from: V Closing Wheels, G2, G3, G4, or Y-Cam. Also available is the 4-Link Force™ with pneumatic down pressure. Call for info.

## GREAT PLAINS

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	4LC	4 LINK CLOSER ASSEMBLY for <b>GREAT PLAINS</b> planters <b>1 ROW</b>	√	625.00
	4LCGPMB	4 LINK CLOSER MOUNTING BRACKET KIT for <b>GREAT PLAINS</b> INCLUDES: Washer <b>1 ROW</b>		2.00
	4LCJDC	4 LINK CLOSER ASSEMBLY with <b>CAST FRONT &amp; BACK</b> MOUNT for <b>GREAT PLAINS</b> <b>1 ROW</b>		call for pricing

## 4 LINK CLOSER GROUND ATTACHMENT OPTIONS

GROUND ATTACHMENT MOUNTING BRACKET for 4 LINK CLOSER  <i>See corresponding sections on following pages</i>  <b>1 ROW</b>	PHOTO		
	PART #	4LCG2MB50	4LCVMB
	DETAILS	4 LINK MOUNTING BRACKET & bolt kit for G SERIES <b>G2 G3 G4</b> and <b>Y-CAM</b>	4 LINK <b>V CLOSING WHEEL BRACKET</b> & bolt kit
	PRICE	50.00	50.00

# Y-CAM

The Y-Cam™ Closing System allows you to install the Chicken Tracker press wheel onto the 4-Link. Other options are closing disc size and style, and 2x2 dual fertilizer.



## Y-CAM CLOSING SYSTEM

REQUIRED KIT PARTS **1 ROW**

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	YCAM-AH-LEFT	<b>LEFT SIDE</b> Y-CAM PIVOT KIT	√	230.00
	YCAM-AH-RIGHT	<b>RIGHT SIDE</b> INCLUDES: Y-Cam bracket & bolt package		
	4LCG2MB50	4 LINK Y-CAM MOUNTING BRACKET INCLUDES: Mounting ears & bolt package		50.00
	YCAM-PWK	Y-CAM PRESS WHEEL BOLT PKG INCLUDES: Press wheel mounting hardware		25.00
	YCAM-CDK	Y-CAM COVERING DISC BOLT PKG INCLUDES: Covering disc mounting hardware		20.00

OPTIONAL KIT PARTS **1 ROW**

	YCAM-FTK	Y-CAM DUAL FERTILIZER TUBES KIT INCLUDES: Dual tubes, mounting hardware & injector orifice <i>*Refer to chart on page 149 for proper orifice size and part #</i>		60.00
	YCAM-LEVEL	Y-CAM LEVEL KIT		15.00

**FOR HOSE ADAPTER KITS, SEE PAGE 148**

<b>PRESS WHEEL</b> for Y-CAM  2 options to choose from  <b>1 ROW</b> = <b>1 WHEEL</b>  √ MT BKT REQ'D	PHOTO		
	PART #	CT4	CT6
	DETAILS	<b>4" x 12"</b> <b>CHICKEN TRACKER</b>	<b>6" x 12"</b> <b>CHICKEN TRACKER</b>
	PRICE	150.00	160.00

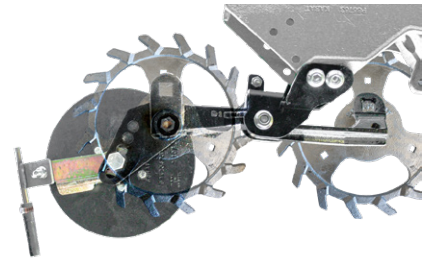
### COVER DISC PARTS

#	CDHUB
	DEPTH CONTROL HUB for <b>9" DISCS</b>
\$	25.00

<b>COVERING DISCS</b> for Y-CAM  3 options to choose from  <b>1 SIDE</b> = <b>1 DISC</b>  Need 2 discs per row √ MT BKT REQ'D	PHOTO			
	PART #	G29BDH	G2PTBDHL	G2PTBDHR
	DETAILS	<b>9" DISC</b> Bearing, Disc, & Hub	<b>LEFT SIDE</b> <b>9" STP DISC</b> Bearing, serrated PT STP Disc, & Hub	<b>RIGHT SIDE</b> <b>10.5" NOTCHED DISC</b> Bearing, notched Disc, & Hub
	PRICE	60.00	80.00	80.00

# G SERIES

The G4™, G3™, and G2™ walking beam axles space out the closing wheels. The G2 and G4 provide the option for applying liquid 2x2. The G Series can be mounted directly onto your planter's tail section or onto the 4-Link Closer.



MOUNTING BRACKET for G SERIES  What are you mounting to?  <b>1 ROW = 1 KIT</b>	PHOTO		
	PART #	4LCG2MB50	GGPW9MBK
	DETAILS	<b>4 LINK</b> G2 G3 G4 MOUNTING BRACKET & bolt kit	<b>GREAT PLAINS</b> G2 G3 G4 MOUNTING BRACKET & bolt kit
	PRICE	50.00	55.00

WALKING BEAM ARM for G SERIES  4 options to choose from  <b>1 ROW = 1 ARM KIT</b> <b>LEFT OR RIGHT SIDE</b>  √ MT BKT REQ'D	PHOTO		
	PART #	G2CAHL	G2CAHR
	DETAILS	<b>LEFT</b> <b>G2 CAST</b> ARM, wheel bolts & mounting hardware	<b>RIGHT</b>
	PRICE	179.00	
	PHOTO		
	PART #	G2AHL	G2AHR
	DETAILS	<b>LEFT</b> <b>G2</b> ARM, wheel bolts & mounting hardware	<b>RIGHT</b>
	PRICE	168.00	




## MOUNTING BRACKET PARTS

PHOTO	PART #	DETAILS	PRICE
	GMBL-D	<b>LEFT</b> <b>GREAT PLAINS</b> G2 G3 G4 MOUNTING BRACKET	22.00
	GMBR-D	<b>RIGHT</b> - 1 'EAR' ONLY	
	GPSB	<b>GREAT PLAINS</b> G2 G3 G4 MOUNTING BRACKET SPACER ONLY Need 2 per row	11.00

WALKING BEAM ARM KIT PARTS										1 ROW LEFT OR RIGHT SIDE	
PHOTO											
PART #	G2CAL	G2CAR	G2AL	G2AR	G3AL	G3AR	G4AL	G4AR	G2/3ABP	G4ABP	AXLE BOLT
DETAILS	<b>LEFT</b> <b>RIGHT</b> <b>G2 CAST</b> ARM ONLY		<b>LEFT</b> <b>RIGHT</b> <b>G2</b> ARM ONLY		<b>LEFT</b> <b>RIGHT</b> <b>G3</b> ARM ONLY		<b>LEFT</b> <b>RIGHT</b> <b>G4</b> ARM ONLY		<b>G2 G3</b> <b>G4</b> ARM BOLT KIT ONLY INCLUDES: Wheel bolts & mounting hardware		AXLE BOLT KIT
PRICE	150.00		138.00		138.00		200.00		30.00	30.00	20.00






**\*\*Refer to charts on page 149 to determine injector orifice size & part # \*\***

<b>FERTILIZER DISCS for G2 G4</b>  3 options to choose from  <b>1 ROW = 1 DISC</b>  √ MT BKT REQ'D	PHOTO					<b>FERTILIZER DISC PARTS</b>			
	PART #	G28BDH	G29BDH	G2PTBDHL	G2PTBDHR		G2B	BEARING for FERTILIZER DISC with <b>5/8" BORE</b>	15.00
	DETAILS	<b>8" DISC</b>   <b>9" DISC</b> <b>SMOOTH DISC</b> Bearing, Disc, & Hub		<b>LEFT SIDE</b>   <b>RIGHT SIDE</b> <b>9" STP DISC</b> Bearing, serrated PT STP Disc, & Hub			G2HB	HUB and BEARING	25.00
	PRICE	60.00	60.00	80.00			CDHUB	DEPTH CONTROL HUB for <b>9" DISCS</b>	25.00

<b>COMPLETE FERTILIZER KIT for G2 G4</b>  <b>1 ROW = 1 KIT LEFT OR RIGHT SIDE</b>  DISC NOT INCLUDED	PHOTO						
	PART #	G2FRTK-L	G2FRTK-R	G2DL	G2DR	G4FRTK-L	G4FRTK-R
	DETAILS	<b>LEFT</b>   <b>RIGHT</b> COMPLETE <b>G2</b> FERTILIZER KIT with mounting hardware & injector orifice**		<b>LEFT</b>   <b>RIGHT</b> <b>G2 DUAL</b> FERTILIZER TUBE KIT with mounting hardware & injector orifice **		<b>LEFT</b>   <b>RIGHT</b> COMPLETE <b>G4</b> FERTILIZER KIT with mounting hardware & injector orifice **	
	PRICE	55.00		35.00		65.00	






**G2 FERTILIZER KIT PARTS**

**1 ROW LEFT OR RIGHT SIDE**

PHOTO							
PART #	G2FDMBHL	G2FDMBHR	G2FABK	G2SST	G2FAB	G2FBL	G2FBR
DETAILS	<b>LEFT</b>   <b>RIGHT</b> G2 FERTILIZER DISC MOUNTING BRACKET & hardware		G2 FERTILIZER TUBE KIT, hardware & injector orifice**	G2 2-SLOTTED STAINLESS STEEL TUBE ONLY	G2 FERTILIZER ADJUSTABLE BRACKET STAINLESS STEEL PIVOT	<b>LEFT</b>   <b>RIGHT</b> G2 FERTILIZER BRACKET ONLY	
PRICE	25.00		45.00	15.00	30.00	20.00	

**G4 FERTILIZER KIT PARTS**

**1 ROW LEFT OR RIGHT SIDE**

PHOTO							
PART #	G4FMBN	G4FTL	G4FTR	G4SST	FDIHBKTL-SS	FDIHBKTLR-SS	G4W
DETAILS	G4 FERTILIZER DISC MOUNTING BRACKET & hardware	<b>LEFT</b>   <b>RIGHT</b> G4 FERTILIZER TUBE KIT, hardware & injector orifice**		G4 1-SLOTTED STAINLESS STEEL TUBE ONLY	<b>LEFT</b>   <b>RIGHT</b> G4 FERTILIZER TUBE MOUNTING BRACKET ONLY		<b>G4 WEIGHT</b> & hardware for <b>NO FERTILIZER</b>
PRICE	25.00	35.00		15.00	25.00		40.00


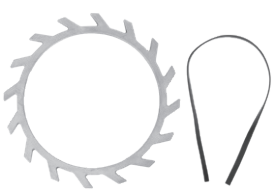


**FOR HOSE ADAPTER KITS, SEE PAGE 148**





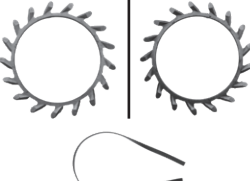


# CLOSING WHEELS

We offer multiple varieties of Mohawk™ and Zipper™ angled spike closing wheels, along with the 2" Chicken Tracker™. The V Closing Bracket is needed when installing closing wheels to the 4-Link Closer.

## MOHAWK CLOSING WHEELS

PHOTO				
PART #	MO	MOR	CMO	MMA
DETAILS	MOHAWK COMPLETE for <b>GREAT PLAINS</b> planters Cast spikes, plastic wheel & <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL</b>	MOHAWK RING - spiked cast wheel with rubber insert <b>1 SIDE = 1 RING</b>	<b>CAST MOHAWK WHEEL</b> for <b>GREAT PLAINS</b> planters <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL</b>	<b>CAST MOHAWK MAX WHEEL</b> for <b>GREAT PLAINS</b> planters <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL</b>
PRICE	100.00	75.00	120.00	140.00

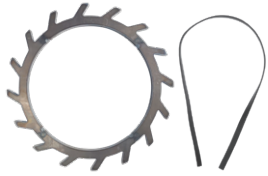
## ZIPPER CLOSING WHEELS

PHOTO								
PART #	ZPL	ZPR	ZRL	ZRR	ZCL	ZCR	ZMAXL	ZMAXR
DETAILS	<b>LEFT SIDE SILVER</b> <b>RIGHT SIDE GOLD</b> ZIPPER COMPLETE for <b>GREAT PLAINS</b> planters Cast spikes, plastic wheel & <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL LEFT OR RIGHT</b>		<b>LEFT SIDE SILVER</b> <b>RIGHT SIDE GOLD</b> ZIPPER RING - spiked cast wheel with rubber insert <b>1 SIDE = 1 RING LEFT OR RIGHT</b>		<b>CAST ZIPPER WHEEL</b> for <b>GREAT PLAINS</b> planters <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL LEFT OR RIGHT</b>		<b>CAST ZIPPER MAX WHEEL</b> for <b>GREAT PLAINS</b> planters <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL LEFT OR RIGHT</b>	
PRICE	106.00		85.00		125.00		145.00	




## STEEL MOHAWK RING






Limited stock

PHOTO	
PART #	SMOR
DETAILS	STEEL MOHAWK RING - spiked steel wheel with rubber insert <b>1 SIDE = 1 RING</b>
PRICE	60.00






## CHICKEN TRACKER

PHOTO	PART #	DETAILS	PRICE
	CT2X12	<b>2" x 12" CHICKEN TRACKER</b> <b>1 SIDE = 1 WHEEL</b>	150.00

## HUBS

PHOTO	PART #	DETAILS	PRICE
	PRESS WHEEL PLASTIC HALF	PRESS WHEEL <b>PLASTIC HALF</b> / Cover Crop Cover <b>1 HALF</b>	15.00
	PWBP	PRESS WHEEL BOLT PKG holds plastic halves together	5.00
	MOZHS	<b>SHALLOW</b> DISH HUB for CLOSING WHEELS <b>1 SIDE = 1 HUB</b>	15.00
	MOZH	<b>DEEP</b> DISH HUB for <b>CAST</b> CLOSING WHEELS <b>1 SIDE = 1 HUB</b>	15.00
	MOZFP	FLAT COVER PLATE for <b>CAST</b> CLOSING WHEELS <b>1 SIDE = 1 HUB</b>	15.00

## CLOSING WHEEL PARTS


PHOTO	PART #	DETAILS	PRICE
	MED (3/22) RUBBER INSERT	MOHAWK or ZIPPER RING rubber insert only	2.00
	4LCVMB	<b>4-LINK</b> V CLOSING WHEEL BRACKET & bolt kit	50.00
	MOZBP	Mounting hardware package for CLOSING WHEELS <b>2 WHEELS = 1 ROW</b>	10.00
	MOZSP	Spacer kit for CLOSING WHEELS INCLUDES: <b>1</b> 1/2" spacer & <b>1</b> 1/4" spacer	2.50
	APL502002 5203KYY2	5/8" OEM BORE <b>STANDARD BEARING</b> for CLOSING WHEELS	20.00

# FURROW V CLOSER®

Two options of FVC disc to choose from, plastic or steel. Only one gauging tool is required per set and will be included with every order of Furrow V Closer kit parts.

## UNIVERSAL DO IT YOURSELF

REQUIRED KIT PARTS 1 ROW

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	FVCUMB	FURROW V CLOSER MOUNTING BRACKET for <b>UNIVERSAL-DO IT YOURSELF</b> planters		21.25
	FVCLL	FURROW V CLOSER SHAFT for <b>UNIVERSAL</b> -Long shaft and long thread	√	12.95
	FVCPBDH	<b>GREY/BLACK POLY</b> FURROW V CLOSER BEARING DISC HUB		40.00
	FVCSBDH	<b>STEEL</b> Select 1 of 2 disc assembly options		50.00
		FURROW V CLOSER GAUGING TOOL for <b>UNIVERSAL</b> 1 gauging tool per FVC order will be included		


### FURROW V CLOSER KIT PARTS

PART #	FVCPD	FVCSD	FVCB	FVCH	FVCPBDH	FVCSBDH	FVCGT
DETAILS	FVC GREY/ BLACK <b>POLY</b> DISC	FVC <b>STEEL</b> DISC	FVC BEARING	FVC HUB	FVC BEARING, <b>POLY</b> DISC & HUB	FVC BEARING, <b>STEEL</b> DISC & HUB	FVC GAUGING TOOL
PRICE	10.50	23.22	19.75	13.90	40.00	50.00	4.00

# OPENER DISC BLADES

## B-TOEM



These are the blades we have in stock. Please call 800-382-2607 for all other styles/models.

PHOTO	PART #	DETAILS	PRICE
	404-121SBA#	B-TOEM BLADE for <b>GREAT PLAINS YIELD PRO</b> planters built 1999 & after  15" diameter, <b>205 bearing</b> , 4mm thickness	call for pricing

# GAUGE WHEELS



## CHICKEN TRACKER

1 SIDE = 1 WHEEL

PHOTO	PART #	DETAILS	PRICE
	CT4X13	CHICKEN TRACKER GAUGE WHEEL - <b>4" x 13"</b> metal gauge wheel/closing wheel. For strip-till & gauge wheels on planters & strip-till machines	160.00
	CT4X16	CHICKEN TRACKER GAUGE WHEEL - <b>4" x 16"</b> metal gauge wheel. For gauge wheels on planters & strip-till machines	175.00
	GWCT4X13	CHICKEN TRACKER GAUGE WHEEL with <b>INSERT - 4" x 13"</b>	190.00
	GWCT4X16	CHICKEN TRACKER GAUGE WHEEL with <b>INSERT - 4" x 16"</b>	205.00

## MUDLUG


1 SIDE = 1 WHEEL

PHOTO	PART #	DETAILS	PRICE
	MLGW3	MUDLUG GAUGE WHEEL - <b>3" x 16"</b>	135.00
	MLGW45	MUDLUG GAUGE WHEEL - <b>4.5" x 16"</b>	135.00
	MLGWCP	OPTIONAL PLATE COVER for MUDLUG GAUGE WHEELS	18.00


## OTHER PRODUCTS

Questions or can't find what you're looking for? We're happy to help! Call us toll-free 800-382-2607 M-F 8AM-5PM CST

# STALK DESTROYER

PHOTO	PART #	DETAILS	PRICE
	STALKDESTROYER	STALK DESTROYER INCLUDES: <b>4</b> 9/16" x 9-1/2" Long G8 Bolts.	250.00

## DEPTH BAND

PHOTO	PART #	DETAILS	PRICE
	CDHUB	DEPTH CONTROL HUB for <b>9" DISCS</b>	25.00

[illegible]




## YETTER *Planters*

[illegible]


# REBOUNDER® SEED COVERS

Place all your seeds at the bottom of the furrow with the Rebounder. Add an optional fitting for in-furrow liquid placement.




## REBOUNDERS FOR YETTER PLANTERS

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	OJD	ORANGE REBOUNDER FOR <b>YETTER</b>		30.00
	OBE	ORANGE REBOUNDER for <b>BULLSEYE® SEED TUBE</b> INCLUDES: Rebounder, spacer bracket & 2 tie straps	PP # 700150 700155 770158 700160	30.00
	BEMB	MOUNTING BRACKET for <b>BULLSEYE SEED TUBE</b>		1.00
	OWV	ORANGE REBOUNDER for <b>WAVEVISION® SEED TUBE</b>	PP # 700200 700250 700255 700260 700271	30.00
	WVMB	MOUNTING BRACKET for <b>WAVEVISION SEED TUBE</b> INCLUDES: Bracket, hardware & 2 tie straps		12.50

### REBOUNDER PARTS

PHOTO	PART #	DETAILS	PRICE
	LT	LARGE TIE STRAP used for mounting the Rebounder to planters	1.00



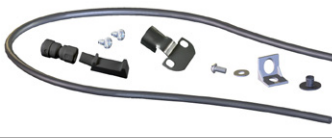
## SEED FIRMER REPLACEMENT PARTS 1 REBOUNDER, 2 MOUNTING BRACKETS

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	OKRU	<b>ASSEMBLED</b> OKR REBOUNDER and MOUNTING BRACKET that fits <b>WRAPAROUND</b> and <b>UNIVERSAL</b> mounting brackets		42.50
	OKRQ	<b>ASSEMBLED</b> OKR REBOUNDER and MOUNTING BRACKET that fits <b>QUICK ATTACH</b> mounting brackets		42.50
	OKR	ORANGE REBOUNDER for <b>SEED FIRMER TAILS</b>	√	30.00
	KRUMB	MOUNTING BRACKET for <b>OKR REBOUNDER</b> that fits <b>WRAPAROUND</b> and <b>UNIVERSAL</b> mounting brackets		12.50
	KRQMB	MOUNTING BRACKET for <b>OKR REBOUNDER</b> that fits <b>QUICK ATTACH</b> brackets		12.50










# OPTIONAL FITTINGS

We have three optional fittings to choose from—Y-Not Split It, Straight Shot, Hose Holder.

IN-FURROW OPTIONAL FITTING for <b>OJD</b> type <b>REBOUNDER</b>  <i>3 options to choose            from</i> <b>1 ROW = 1 KIT</b>	PHOTO			
	PART #	3Y	HH	SSK
	DETAILS	<b>Y-NOT SPLIT-IT®</b> COMPLETE KIT	<b>HOSE HOLDER™</b> COMPLETE KIT	<b>STRAIGHT SHOT™</b> COMPLETE KIT
	PRICE	6.75	6.00	7.50

## OPTIONAL FITTING KIT PARTS 1 ROW

							
#	LBK	PY	MY	MPK	SSQC	SSTP	SSMPK
	L bracket kit	Y only	Flow restricting micro Y <i>reduces outflow volume by 1/2</i>	Y-NOT metal plate & screws	STRAIGHT SHOT with quick coupler	STRAIGHT SHOT threaded piece	STRAIGHT SHOT metal plate & screws
\$	3.25	2.90	2.90	4.40	6.25	3.00	4.40

# 4-LINK TAIL SECTIONS



The 4-Link Closer™ is a ground following dual parallel linkage tail sections that help provide superior closure in uneven planting conditions.

Five ground attachments to choose from: V Closing Wheels, G2, G3, G4, or Y-Cam.



Also available is the 4-Link Force™ with pneumatic down pressure. Call 800-382-2607 for information.

## YETTER



REQUIRED KIT PARTS **1 ROW**

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	4LCK	4 LINK CLOSER ASSEMBLY for <b>YETTER</b> planters	√	625.00
	4LCKMB	4 LINK CLOSER MOUNTING BRACKET KIT for <b>YETTER</b> INCLUDES: Mounting bracket & bolt package		62.00

### MOUNTING BRACKET PARTS **1 ROW**

	4LCK/M/JDBRK	4 LINK CLOSER MOUNTING BRACKET ONLY for <b>YETTER</b>		45.00
	4LCKBP	4 LINK CLOSER BOLT PACKAGE ONLY for <b>7000 YETTER</b>		25.00

## 4 LINK CLOSER GROUND ATTACHMENT OPTIONS

GROUND ATTACHMENT MOUNTING BRACKET for 4 LINK CLOSER  See corresponding sections on following pages  <b>1 ROW</b>	PHOTO		
	PART #	4LCG2MB50	4LCVMB
	DETAILS	4 LINK MOUNTING BRACKET & bolt kit for G SERIES <b>G2 G3 G4</b> and <b>Y-CAM</b>	4 LINK <b>V CLOSING WHEEL BRACKET</b> & bolt kit
	PRICE	50.00	50.00

# Y-CAM

The Y-Cam™ Closing System allows you to install the Chicken Tracker press wheel onto the 4-Link. Other options are closing disc size and style, and 2x2 dual fertilizer.



## Y-CAM CLOSING SYSTEM

REQUIRED KIT PARTS **1 ROW**

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	YCAM-AH-LEFT	<b>LEFT SIDE</b> Y-CAM PIVOT KIT	√	230.00
	YCAM-AH-RIGHT	<b>RIGHT SIDE</b> INCLUDES: Y-Cam bracket & bolt package		
	4LCG2MB50	4 LINK Y-CAM MOUNTING BRACKET INCLUDES: Mounting ears & bolt package		50.00
	YCAM-PWK	Y-CAM PRESS WHEEL BOLT PKG INCLUDES: Press wheel mounting hardware		25.00
	YCAM-CDK	Y-CAM COVERING DISC BOLT PKG INCLUDES: Covering disc mounting hardware		20.00

OPTIONAL KIT PARTS **1 ROW**

	YCAM-FTK	Y-CAM DUAL FERTILIZER TUBES KIT INCLUDES: Dual tubes, mounting hardware & injector orifice <i>*Refer to chart on page 149 for proper orifice size and part #</i>		60.00
	YCAM-LEVEL	Y-CAM LEVEL KIT		15.00

**FOR HOSE ADAPTER KITS, SEE PAGE 148**

PRESS WHEEL for Y-CAM  2 options to choose from  <b>1 ROW = 1 WHEEL</b>  √ MT BKT REQ'D	PHOTO		
	PART #	CT4	CT6
	DETAILS	<b>4" x 12" CHICKEN TRACKER</b>	<b>6" x 12" CHICKEN TRACKER</b>
	PRICE	150.00	160.00

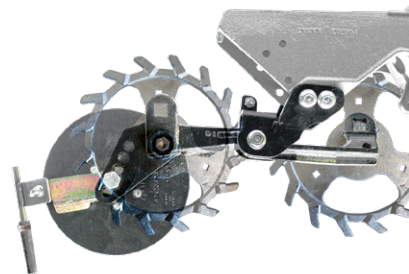
### COVER DISC PARTS

#	CDHUB
	DEPTH CONTROL HUB for <b>9" DISCS</b>
\$	25.00

COVERING DISCS for Y-CAM  3 options to choose from  <b>1 SIDE = 1 DISC</b>  Need 2 discs per row  √ MT BKT REQ'D	PHOTO				
	PART #	G29BDH	G2PTBDHL	G2PTBDHR	G210NBDH
	DETAILS	<b>9" DISC</b> Bearing, Disc, & Hub	<b>LEFT SIDE</b> <b>9" STP DISC</b> Bearing, serrated PT STP Disc, & Hub	<b>RIGHT SIDE</b>	<b>10.5" NOTCHED DISC</b> Bearing, notched Disc, & Hub
	PRICE	60.00	80.00	80.00	80.00

# G SERIES

The G4™, G3™, and G2™ walking beam axles space out the closing wheels. The G2 and G4 provide the option for applying liquid 2x2. The G Series can be mounted directly onto your planter's tail section or onto the 4-Link Closer.



MOUNTING BRACKET for G SERIES  What are you mounting to?  <b>1 ROW = 1 KIT</b>	PHOTO		
	PART #	4LCG2MB50	GMBK
	DETAILS	<b>4 LINK G2 G3 G4 MOUNTING BRACKET &amp; bolt kit</b>	<b>YETTER G2 G3 G4 MOUNTING BRACKET &amp; bolt kit</b>
	PRICE	50.00	50.00




MOUNTING BRACKET PARTS		
PHOTO		
PART #	GMBL-D	GMBR-D
DETAILS	<b>LEFT</b>	<b>RIGHT</b>
	<b>YETTER G2 G3 G4 MOUNTING BRACKET - 1 'EAR' ONLY</b>	
PRICE	22.00	






WALKING BEAM ARM for G SERIES  4 options to choose from  <b>1 ROW = 1 ARM KIT LEFT OR RIGHT SIDE</b>  √ MT BKT REQ'D	PHOTO		
	PART #	G2CAHL	G2CAHR
	DETAILS	<b>LEFT</b>	<b>RIGHT</b>
	PRICE	179.00	
	PHOTO		
	PART #	G2AHL	G2AHR
	DETAILS	<b>LEFT</b>	<b>RIGHT</b>
	PRICE	168.00	
	PHOTO		
	PART #	G3AHL	G3AHR
	DETAILS	<b>LEFT</b>	<b>RIGHT</b>
	PRICE	168.00	
	PHOTO		
	PART #	G4AHL	G4AHR
	DETAILS	<b>LEFT</b>	<b>RIGHT</b>
	PRICE	231.00	

WALKING BEAM ARM KIT PARTS										1 ROW LEFT OR RIGHT SIDE	
PHOTO											
PART #	G2CAL	G2CAR	G2AL	G2AR	G3AL	G3AR	G4AL	G4AR	G2/3ABP	G4ABP	AXLE BOLT
DETAILS	<b>LEFT</b>	<b>RIGHT</b>	<b>LEFT</b>	<b>RIGHT</b>	<b>LEFT</b>	<b>RIGHT</b>	<b>LEFT</b>	<b>RIGHT</b>	<b>G2 G3</b>	<b>G4</b>	AXLE BOLT KIT
	<b>G2 CAST ARM ONLY</b>		<b>G2 ARM ONLY</b>		<b>G3 ARM ONLY</b>		<b>G4 ARM ONLY</b>		<b>ARM BOLT KIT ONLY</b>		
									INCLUDES: Wheel bolts & mounting hardware		
PRICE	150.00		138.00		138.00		200.00		30.00	30.00	20.00

**\*\*Refer to charts on page 149 to determine injector orifice size & part # \*\***

<b>FERTILIZER DISCS for G2 G4</b>  3 options to choose from  <b>1 ROW = 1 DISC</b>  √ MT BKT REQ'D	PHOTO					<b>FERTILIZER DISC PARTS</b>			
	PART #	G28BDH	G29BDH	G2PTBDHL	G2PTBDHR		G2B	BEARING for FERTILIZER DISC with <b>5/8" BORE</b>	15.00
	DETAILS	<b>8" DISC</b>   <b>9" DISC</b> <b>SMOOTH DISC</b> Bearing, Disc, & Hub		<b>LEFT SIDE</b>   <b>RIGHT SIDE</b> <b>9" STP DISC</b> Bearing, serrated PT STP Disc, & Hub			G2HB	HUB and BEARING	25.00
	PRICE	60.00	60.00	80.00			CDHUB	DEPTH CONTROL HUB for <b>9" DISCS</b>	25.00

<b>COMPLETE FERTILIZER KIT for G2 G4</b>  <b>1 ROW = 1 KIT LEFT OR RIGHT SIDE</b>  DISC NOT INCLUDED	PHOTO						
	PART #	G2FRTK-L	G2FRTK-R	G2DL	G2DR	G4FRTK-L	G4FRTK-R
	DETAILS	<b>LEFT</b>   <b>RIGHT</b> COMPLETE <b>G2</b> FERTILIZER KIT with mounting hardware & injector orifice**		<b>LEFT</b>   <b>RIGHT</b> <b>G2 DUAL</b> FERTILIZER TUBE KIT with mounting hardware & injector orifice **		<b>LEFT</b>   <b>RIGHT</b> COMPLETE <b>G4</b> FERTILIZER KIT with mounting hardware & injector orifice **	
	PRICE	55.00		35.00		65.00	

<b>G2 FERTILIZER KIT PARTS</b>						<b>1 ROW LEFT OR RIGHT SIDE</b>	
PHOTO							
PART #	G2FDMBHL	G2FDMBHR	G2FABK	G2SST	G2FAB	G2FBL	G2FBR
DETAILS	<b>LEFT</b>   <b>RIGHT</b> G2 FERTILIZER DISC MOUNTING BRACKET & hardware		G2 FERTILIZER TUBE KIT, hardware & injector orifice**	G2 2-SLOTTED STAINLESS STEEL TUBE ONLY	G2 FERTILIZER ADJUSTABLE BRACKET STAINLESS STEEL PIVOT	<b>LEFT</b>   <b>RIGHT</b> G2 FERTILIZER BRACKET ONLY	
PRICE	25.00		45.00	15.00	30.00	20.00	

<b>G4 FERTILIZER KIT PARTS</b>						<b>1 ROW LEFT OR RIGHT SIDE</b>	
PHOTO							
PART #	G4FMBN	G4FTL	G4FTR	G4SST	FDIHBKTL-SS	FDIHBKTLR-SS	G4W
DETAILS	G4 FERTILIZER DISC MOUNTING BRACKET & hardware	<b>LEFT</b>   <b>RIGHT</b> G4 FERTILIZER TUBE KIT, hardware & injector orifice**		G4 1-SLOTTED STAINLESS STEEL TUBE ONLY	<b>LEFT</b>   <b>RIGHT</b> G4 FERTILIZER TUBE MOUNTING BRACKET ONLY		<b>G4 WEIGHT</b> & hardware for <b>NO FERTILIZER</b>
PRICE	25.00	35.00		15.00	25.00		40.00


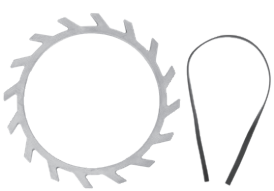


**FOR HOSE ADAPTER KITS, SEE PAGE 148**





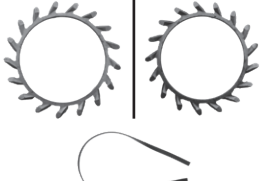


# CLOSING WHEELS

We offer multiple varieties of Mohawk™ and Zipper™ angled spike closing wheels, along with the 2" Chicken Tracker™. The V Closing Bracket is needed when installing closing wheels to the 4-Link Closer.

## MOHAWK CLOSING WHEELS

PHOTO				
PART #	MO	MOR	CMO	MMAX
DETAILS	MOHAWK COMPLETE for <b>YETTER</b> planters Cast spikes, plastic wheel & <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL</b>	MOHAWK RING - spiked cast wheel with rubber insert <b>1 SIDE = 1 RING</b>	<b>CAST MOHAWK WHEEL</b> for <b>YETTER</b> planters <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL</b>	<b>CAST MOHAWK MAX WHEEL</b> for <b>YETTER</b> planters <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL</b>
PRICE	100.00	75.00	120.00	140.00

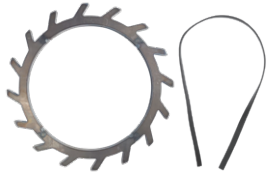
## ZIPPER CLOSING WHEELS

PHOTO								
PART #	ZPL	ZPR	ZRL	ZRR	ZCL	ZCR	ZMAXL	ZMAXR
DETAILS	<b>LEFT SIDE SILVER</b> <b>RIGHT SIDE GOLD</b> ZIPPER COMPLETE for <b>YETTER</b> planters Cast spikes, plastic wheel & <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL LEFT OR RIGHT</b>		<b>LEFT SIDE SILVER</b> <b>RIGHT SIDE GOLD</b> ZIPPER RING - spiked cast wheel with rubber insert <b>1 SIDE = 1 RING LEFT OR RIGHT</b>		<b>LEFT SIDE</b> <b>RIGHT SIDE</b> <b>CAST ZIPPER WHEEL</b> for <b>YETTER</b> planters <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL LEFT OR RIGHT</b>		<b>LEFT SIDE</b> <b>RIGHT SIDE</b> <b>CAST ZIPPER MAX WHEEL</b> for <b>YETTER</b> planters <b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2 <b>1 SIDE = 1 WHEEL LEFT OR RIGHT</b>	
PRICE	106.00		85.00		125.00		145.00	




## STEEL MOHAWK RING






Limited stock

PHOTO	
PART #	SMOR
DETAILS	STEEL MOHAWK RING - spiked steel wheel with rubber insert <b>1 SIDE = 1 RING</b>
PRICE	60.00






## CHICKEN TRACKER

PHOTO	PART #	DETAILS	PRICE
	CT2X12	<b>2" x 12" CHICKEN TRACKER</b> <b>1 SIDE = 1 WHEEL</b>	150.00

## HUBS

PHOTO	PART #	DETAILS	PRICE
	PRESS WHEEL PLASTIC HALF	PRESS WHEEL <b>PLASTIC HALF</b> / Cover Crop Cover <b>1 HALF</b>	15.00
	PWBP	PRESS WHEEL BOLT PKG holds plastic halves together	5.00
	MOZHS	<b>SHALLOW</b> DISH HUB for CLOSING WHEELS <b>1 SIDE = 1 HUB</b>	15.00
	MOZH	<b>DEEP</b> DISH HUB for <b>CAST</b> CLOSING WHEELS <b>1 SIDE = 1 HUB</b>	15.00
	MOZFP	FLAT COVER PLATE for <b>CAST</b> CLOSING WHEELS <b>1 SIDE = 1 HUB</b>	15.00

## CLOSING WHEEL PARTS


PHOTO	PART #	DETAILS	PRICE
	MED (3/22) RUBBER INSERT	MOHAWK or ZIPPER RING rubber insert only	2.00
	4LCVMB	<b>4-LINK</b> V CLOSING WHEEL BRACKET & bolt kit	50.00
	MOZBP	Mounting hardware package for CLOSING WHEELS <b>2 WHEELS = 1 ROW</b>	10.00
	MOZSP	Spacer kit for CLOSING WHEELS INCLUDES: <b>1</b> 1/2" spacer & <b>1</b> 1/4" spacer	2.50
	APL502002 5203KYY2	5/8" OEM BORE <b>STANDARD BEARING</b> for CLOSING WHEELS	20.00

# FURROW V CLOSER®

Two options of FVC disc to choose from, plastic or steel. Only one gauging tool is required per set and will be included with every order of Furrow V Closer kit parts.

## UNIVERSAL DO IT YOURSELF

REQUIRED KIT PARTS **1 ROW**

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	FVCUMB	FURROW V CLOSER MOUNTING BRACKET for <b>UNIVERSAL-DO IT YOURSELF</b> planters		21.25
	FVCLL	FURROW V CLOSER SHAFT for <b>UNIVERSAL</b> -Long shaft and long thread	√	12.95
	FVCPBDH	<b>GREY/BLACK POLY</b> FURROW V CLOSER BEARING DISC HUB		40.00
	FVCSBDH	<b>STEEL</b> Select 1 of 2 disc assembly options		50.00
		FURROW V CLOSER GAUGING TOOL for <b>UNIVERSAL</b> 1 gauging tool per FVC order will be included		



## FURROW V CLOSER KIT PARTS

PART #	FVCPD	FVCSD	FVCB	FVCH	FVCPBDH	FVCSBDH	FVCGT
DETAILS	FVC GREY/ BLACK <b>POLY</b> DISC	FVC <b>STEEL</b> DISC	FVC BEARING	FVC HUB	FVC BEARING, <b>POLY</b> DISC & HUB	FVC BEARING, <b>STEEL</b> DISC & HUB	FVC GAUGING TOOL
PRICE	10.50	23.22	19.75	13.90	40.00	50.00	4.00

# GAUGE WHEELS



## CHICKEN TRACKER

1 SIDE = 1 WHEEL

PHOTO	PART #	DETAILS	PRICE
	CT4X13	CHICKEN TRACKER GAUGE WHEEL - <b>4" x 13"</b> metal gauge wheel/ closing wheel. <i>For strip-till &amp; gauge wheels on planters &amp; strip-till machines</i>	160.00
	CT4X16	CHICKEN TRACKER GAUGE WHEEL - <b>4" x 16"</b> metal gauge wheel. <i>For gauge wheels on planters &amp; strip-till machines</i>	175.00
	GWCT4X13	CHICKEN TRACKER GAUGE WHEEL with <b>INSERT - 4" x 13"</b>	190.00
	GWCT4X16	CHICKEN TRACKER GAUGE WHEEL with <b>INSERT - 4" x 16"</b>	205.00

## MUDLUG


1 SIDE = 1 WHEEL

PHOTO	PART #	DETAILS	PRICE
	MLGW3	MUDLUG GAUGE WHEEL - <b>3" x 16"</b>	135.00
	MLGW45	MUDLUG GAUGE WHEEL - <b>4.5" x 16"</b>	135.00
	MLGWCP	OPTIONAL PLATE COVER for MUDLUG GAUGE WHEELS	18.00


# OTHER PRODUCTS

Questions or can't find what you're looking for? We're happy to help! Call us toll-free 800-382-2607 M-F 8AM-5PM CST

## STALK DESTROYER

PHOTO	PART #	DETAILS	PRICE
	STALKDESTROYER	STALK DESTROYER INCLUDES: <b>4</b> 9/16" x 9-1/2" Long G8 Bolts.	250.00

## DEPTH BAND

PHOTO	PART #	DETAILS	PRICE
	CDHUB	DEPTH CONTROL HUB for <b>9" DISCS</b>	25.00





## OTHER Planters

[illegible]



# REBOUNDER® SEED COVERS



Place all your seeds at the bottom of the furrow with the Rebounder.



## REBOUNDER PARTS

PHOTO	#	DETAILS	PRICE
	LT	LARGE TIE STRAP used for mounting the Rebounder to planters	1.00
	W	WEDGE MOUNTING BRACKET for <b>ALLIS CHALMERS 385 AIR, LANDOLL 4400, &amp; JD</b> planters with <b>STRAIGHT SEED TUBE; BEET &amp; COTTON</b>	3.00

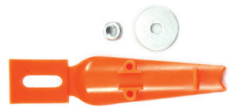

## ALLIS CHALMERS


PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	OAC72	ORANGE REBOUNDER for <b>ALLIS CHALMERS 72 73 74 500 600 PLATE</b> planters	√	30.00
	AC72BKT	MOUNTING BRACKET for <b>ALLIS CHALMERS 72 73 74 500 600 PLATE</b> INCLUDES: Bracket & hardware		12.50

	OAC78	ORANGE REBOUNDER for <b>ALLIS CHALMERS 78 79 AIR</b> planters	√	30.00
	AC78BKT	MOUNTING BRACKET for <b>ALLIS CHALMERS 78 79 AIR</b> INCLUDES: Bracket & hardware		12.50


	OJD	ORANGE REBOUNDER for <b>ALLIS CHALMERS 385 AIR</b> planters INCLUDES: Rebounder & 2 tie straps	√	30.00
	W	WEDGE MOUNTING BRACKET for <b>ALLIS CHALMERS 385</b> INCLUDES: Wedge & hardware		3.00

## BUFFALO

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	OAC72	ORANGE REBOUNDER for <b>BUFFALO 4500 PLATE</b> planters (Case IH style)	√	30.00
	AC72BKT	MOUNTING BRACKET for <b>BUFFALO 4500 PLATE</b> INCLUDES: Bracket & hardware		12.50





	OBUF7/8	ORANGE REBOUNDER for <b>BUFFALO 7000 8000</b> planters INCLUDES: Rebounder, hardware & 2 tie straps		30.00
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## DO-IT-YOURSELF




PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	OJD	ORANGE REBOUNDER for <b>DO-IT-YOURSELF</b>		30.00




## CASE IH

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	OIH56	ORANGE REBOUNDER for <b>CASE IH 56</b> planters	√	30.00
	IH56BKT	MOUNTING BRACKET for <b>CASE IH 56</b> INCLUDES: Bracket & hardware		12.50
	OIH4/5A	ORANGE REBOUNDER for <b>CASE IH 400 500</b> planters with <b>ACRA PLANT BOOT</b>	√	30.00
	IH4/5ABKT	MOUNTING BRACKET for <b>CASE IH 400 500</b> planters with <b>ACRA PLANT BOOT</b> INCLUDES: Bracket & hardware		12.50
	OIH4/5AR	ORANGE REBOUNDER for <b>CASE IH 400 500</b> planters with <b>ACRA PLANT RUNNER</b>	√	30.00
	IH4/5ARBKT	MOUNTING BRACKET for <b>CASE IH 400 500</b> planters with <b>ACRA PLANT RUNNER</b> INCLUDES: Bracket & hardware		12.50
	OIH4/5C	ORANGE REBOUNDER for <b>CASE IH 400 500</b> planters with <b>CAST SEED BOOT</b>	√	30.00
	IH4/5C	MOUNTING BRACKET for <b>CASE IH 400 500</b> planters with <b>CAST SEED BOOT</b> INCLUDES: Bracket & hardware		12.50



## JOHN DEERE

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	OJDM	ORANGE REBOUNDER for <b>JOHN DEERE</b> planters with <b>MONTEZUMA SEED BOOT</b>	√	30.00
	JDMBKT	MOUNTING BRACKET for <b>MONTEZUMA SEED BOOT</b> INCLUDES: Bracket & hardware		12.50
	OJD	ORANGE REBOUNDER for <b>JOHN DEERE</b> planters with <b>STRAIGHT SEED TUBE; BEET &amp; COTTON</b> planters INCLUDES: Rebounder & 2 tie straps	√	30.00
	W	WEDGE MOUNTING BRACKET for <b>JD STRAIGHT SEED TUBE</b> INCLUDES: Wedge & hardware		3.00
	SB	SPACER BRACKET for <b>JD</b> planters using <b>LARGE CURVED SEED TUBE</b> with wide rivet pattern or <b>TUBES WITH NO ARROWHEADS</b> in back, or generic type <b>TUBE WITH RAISED AREA</b> . INCLUDES: 1/4" x 7/8" bolt & nut		2.00

LANDOLL



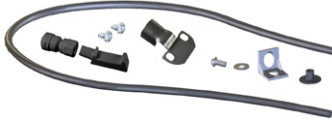
PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	OJD	ORANGE REBOUNDER for <b>LANDOLL 4400</b> planters INCLUDES: Rebounder & 2 tie straps	√	30.00
	W	WEDGE MOUNTING BRACKET for <b>LANDOLL 4400</b> INCLUDES: Wedge & hardware		3.00

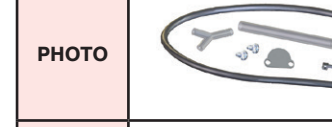
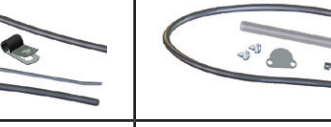
PRECISION SEED TUBES

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	OBE	ORANGE REBOUNDER for <b>BULLSEYE® SEED TUBE</b> INCLUDES: Rebounder, spacer bracket & 2 tie straps		30.00
	BEMB	MOUNTING BRACKET for <b>BULLSEYE SEED TUBE</b>		1.00
	OWV	ORANGE REBOUNDER for <b>WAVEVISION® SEED TUBE</b>	√	30.00
	WVMB	MOUNTING BRACKET for <b>WAVEVISION SEED TUBE</b> INCLUDES: Bracket, hardware & 2 tie straps		12.50








OPTIONAL FITTINGS

Add a Rebounder optional fitting for in-furrow liquid placement. We have three optional fittings to choose from—Y-Not Split It, Straight Shot, Hose Holder.

IN-FURROW OPTIONAL FITTING for <b>OJD</b> type <b>REBOUNDER</b>  3 options to choose from <b>1 ROW = 1 KIT</b>	PHOTO			
	PART #	3Y	HH	SSK
	DETAILS	<b>Y-NOT SPLIT-IT®</b> COMPLETE KIT	<b>HOSE HOLDER™</b> COMPLETE KIT	<b>STRAIGHT SHOT™</b> COMPLETE KIT
	PRICE	6.75	6.00	7.50

IN-FURROW OPTIONAL FITTING for <b>CASE IH</b> type <b>REBOUNDER</b>  2 options to choose from <b>1 ROW = 1 KIT</b>	PHOTO			Straight Shot not available for older Case IH Rebounders
	PART #	YIH	HHI	
	DETAILS	<b>Y-NOT SPLIT-IT®</b> COMPLETE KIT	<b>HOSE HOLDER™</b> COMPLETE KIT	
	PRICE	6.75	6.00	



OPTIONAL FITTING KIT PARTS 1 ROW

							
#	LBK	PY	MY	MPK	SSQC	SSTP	SSMPK
	L bracket kit	Y only	Flow restricting micro Y reduces outflow volume by 1/2	Y-NOT metal plate & screws	STRAIGHT SHOT with quick coupler	STRAIGHT SHOT threaded piece	STRAIGHT SHOT metal plate & screws
\$	3.25	2.90	2.90	4.40	6.25	3.00	4.40

# GAUGE WHEELS



## CHICKEN TRACKER

1 SIDE = 1 WHEEL

PHOTO	PART #	DETAILS	PRICE
	CT4X13	CHICKEN TRACKER GAUGE WHEEL - <b>4" x 13"</b> metal gauge wheel/ closing wheel. <i>For strip-till &amp; gauge wheels on planters &amp; strip-till machines</i>	160.00
	CT4X16	CHICKEN TRACKER GAUGE WHEEL - <b>4" x 16"</b> metal gauge wheel. <i>For gauge wheels on planters &amp; strip-till machines</i>	175.00
	GWCT4X13	CHICKEN TRACKER GAUGE WHEEL with <b>INSERT - 4" x 13"</b>	190.00
	GWCT4X16	CHICKEN TRACKER GAUGE WHEEL with <b>INSERT - 4" x 16"</b>	205.00

## MUDLUG

1 SIDE = 1 WHEEL

PHOTO	PART #	DETAILS	PRICE
	MLGW3	MUDLUG GAUGE WHEEL - <b>3" x 16"</b>	135.00
	MLGW45	MUDLUG GAUGE WHEEL - <b>4.5" x 16"</b>	135.00
	MLGWCP	OPTIONAL PLATE COVER for MUDLUG GAUGE WHEELS	18.00


# OTHER PRODUCTS

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## STALK DESTROYER

PHOTO	PART #	DETAILS	PRICE
	STALKDESTROYER	STALK DESTROYER INCLUDES: <b>4</b> 9/16" x 9-1/2" Long G8 Bolts.	250.00

## DEPTH BAND

PHOTO	PART #	DETAILS	PRICE
	CDHUB	DEPTH CONTROL HUB for <b>9" DISCS</b>	25.00


# JOHN DEERE Drills

# REBOUNDER® SEED COVERS

Place all your seeds at the bottom of the furrow with the Rebounder. Add a Rebounder optional fitting or stainless steel tube for in-furrow liquid placement.






## JOHN DEERE 450 455 515 520 1520 8300 DRILLS WITH PRESS WHEEL UNITS

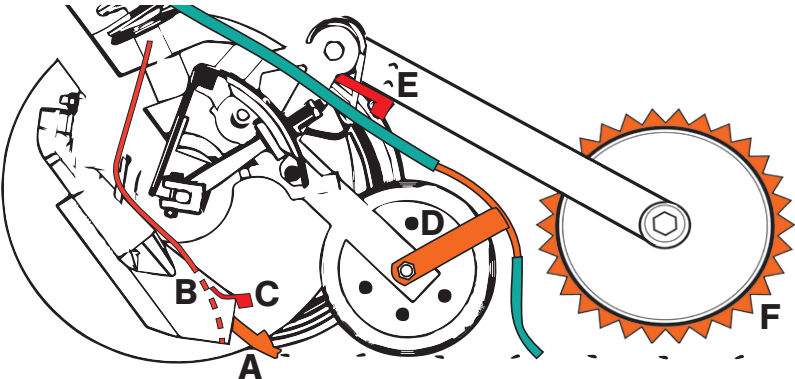
NOTE: Optional fittings that fit this Rebounder include Y-Not, Straight Shot, Hose Holder

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	DOJD45	ORANGE REBOUNDER for John Deere 450 455 515 520 1520 8300 drills with <b>PRESS WHEEL UNITS</b>	√	30.00
	DJD45MB	MOUNTING BRACKET for John Deere 450 455 515 520 1520 8300 drills with <b>PRESS WHEEL UNITS</b>		12.50

## JOHN DEERE 750 1590 1690 1850 1890 1990 DRILLS

NOTE: Order Rebounder DOJDCL/DOJDCL when using with Chad's Tubes.

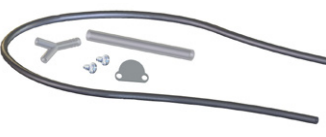

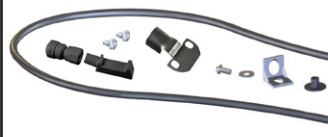
PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	DOJD7	ORANGE REBOUNDER for John Deere 750 1590 1690 1850 1890 1990 drills with <b>9" press wheel OR 10" press wheel*</b>  <b>*10" REQUIRES PRESS WHEEL STOP JD/STN STOP</b>	10" wheels √	10.00
	JD/STN STOP	PRESS WHEEL STOP for John Deere 1590 1690 1890 1990 ProSeries drills <b>with 10" press wheels</b> <i>Do not use with JD 750 or any JD 50 and 60 series drills</i>		11.25
	DOJDCL	ORANGE REBOUNDER for JD 750 1590 1690 1850 1890 1990 drills with cutout for <b>CHAD'S STAINLESS STEEL TUBE LEFT SIDE</b>	10" wheels √	10.00
	DOJDCL	ORANGE REBOUNDER for JD 750 1590 1690 1850 1890 1990 drills with cutout for <b>CHAD'S STAINLESS STEEL TUBE RIGHT SIDE</b>	10" wheels √	10.00
	DJDCL	<b>LEFT SIDE</b> PRESS WHEEL STOP for all <b>CHAD'S STAINLESS STEEL TUBE</b> and JD 750 drills with <b>10" PRESS WHEEL</b>		8.50
	DJDCL	<b>RIGHT SIDE</b>		










JOHN DEERE DRILL ATTACHMENT OPTIONS	
A	REBOUNDER
B	CHAD'S TUBE
C	PRESS WHEEL STOP DJDCS
D	TUBE OVER THE PRESS WHEEL
E	PRESS WHEEL STOP JD/STN
F	MVP CLOSING WHEEL

# OPTIONAL FITTINGS

We have three in-furrow optional fittings to choose from—Y-Not Split It, Hose Holder, and Straight Shot. Also available are stainless steel tubes.

<b>IN-FURROW OPTIONAL FITTING for <b>DRILLS</b> type REBOUNDER</b>  3 options to choose from  <b>1 ROW = 1 KIT</b>	PHOTO			
	PART #	D3Y	HHD	SSKD
	DETAILS	<b>Y-NOT SPLIT-IT®</b> COMPLETE KIT	<b>HOSE HOLDER™</b> COMPLETE KIT	<b>STRAIGHT SHOT™</b> COMPLETE KIT
	PRICE	6.75	6.00	7.50

## OPTIONAL FITTING KIT PARTS 1 ROW






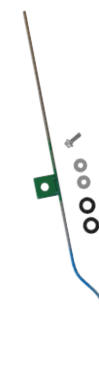
							
#	LBK	PY	MY	MPK	SSQC	SSTP	SSMPK
	L bracket kit	Y only	Flow restricting micro Y reduces outflow volume by 1/2	Y-NOT metal plate & screws	STRAIGHT SHOT with quick coupler	STRAIGHT SHOT threaded piece	STRAIGHT SHOT metal plate & screws
\$	3.25	2.90	2.90	4.40	6.25	3.00	4.40

# STAINLESS STEEL TUBES

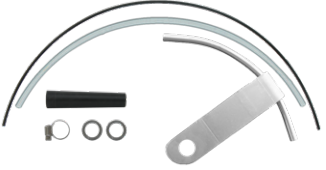
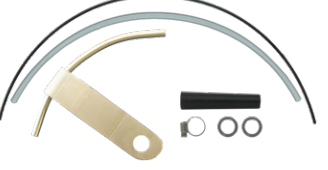


We have multiple options of stainless steel tubes for John Deere drills available: Chad's Tube (which takes it's own special Rebounder), Tube Over the 9" and 10" Press Wheel, and the FIN.

## CHAD'S TUBE

1 SIDE LEFT OR RIGHT



PHOTO						
PART #	STC7L	STC7R	STC19L	STC19R	STC19PSL	STC19PSR
DETAILS	<b>LEFT SIDE YELLOW</b>  <b>CHAD'S STAINLESS STEEL TUBE for JOHN DEERE 750 DRILL</b>	<b>RIGHT SIDE GREEN</b>  <b>CHAD'S STAINLESS STEEL TUBE for JOHN DEERE 1860 1890 1990 DRILL</b>	<b>LEFT SIDE YELLOW</b>  <b>CHAD'S STAINLESS STEEL TUBE for JOHN DEERE 1860 1890 1990 DRILL</b>	<b>RIGHT SIDE GREEN</b>  <b>CHAD'S STAINLESS STEEL TUBE for JOHN DEERE 1860 1890 1990 DRILL</b>	<b>LEFT SIDE YELLOW &amp; BLUE</b>  <b>CHAD'S STAINLESS STEEL TUBE for JOHN DEERE N500C PROSERIES DRILL</b>	<b>RIGHT SIDE GREEN &amp; BLUE</b>  <b>CHAD'S STAINLESS STEEL TUBE for JOHN DEERE N500C PROSERIES DRILL</b>
PRICE	33.00		33.00		40.00	

# TUBE OVER THE PRESS WHEEL



PHOTO				
PART #	STN9/10L	STN9/10R	P282296	JD/STN STOP
DETAILS	<b>LEFT SIDE</b> <b>RIGHT SIDE</b> STAINLESS STEEL TUBE for JOHN DEERE <b>750 1560 1590 1860 1890 1990</b> DRILL with a <b>9" or 10" PRESS WHEEL*</b> <i>*on 750 drills verify 9" press wheel</i>		JOHN DEERE <b>9"</b> press wheel	PRESS WHEEL STOP for JD <b>1590 1690 1890 1990</b> <b>PRO SERIES</b> drills with <b>10"</b> <b>PRESS WHEEL</b>
PRICE	34.00		31.56	11.25



## FIN™

### 1 SIDE LEFT OR RIGHT

PHOTO				
PART #	FIN50L	FIN50R	FIN69L	FIN69R
DETAILS	<b>LEFT SIDE</b>	<b>RIGHT SIDE</b>	<b>LEFT SIDE</b>	<b>RIGHT SIDE</b>
	FIN COMPLETE KIT for JOHN DEERE <b>750 1850</b> DRILLS		FIN COMPLETE KIT for JOHN DEERE <b>1560 1590 1860 1890 1895 1990</b> DRILLS	
PRICE	74.00		74.00	

### FIN KIT PARTS 1 ROW LEFT OR RIGHT SIDE

PHOTO			
PART #	FIN50MBL	FIN50MBR	FIN50PB
DETAILS	<b>LEFT</b>	<b>RIGHT</b>	
	FIN MOUNTING BRACKET for JOHN DEERE <b>750 1850</b>		FIN POLY BLOCK for <b>750 1850</b>
PRICE	45.00		55.00





		
FIN69MBL	FIN69MBR	FIN69PB
<b>LEFT</b>	<b>RIGHT</b>	FIN POLY BLOCK for
FIN MOUNTING BRACKET for JOHN DEERE <b>1560 1590</b> <b>1860 1890 1895 1990</b>		<b>1560 1590</b> <b>1860 1890</b> <b>1895 1990</b>
45.00		55.00







# CLOSING WHEELS

We offer multiple varieties of all-cast Mohawk™ and Zipper™ angled spike closing wheels, along with the 2" Chicken Tracker™ press wheel for drills.

## CAST CLOSING WHEELS



<b>CAST WHEEL</b> for <b>JOHN DEERE DRILLS</b>  <b>STANDARD</b> <b>5/8" BEARING</b> PART # APL502002 -5203KYY2  <b>1 WHEEL</b>  √ MT BKT REQ'D	PHOTO						
	PART #	CMO	MMAX	ZCL	ZCR	ZMAXL	ZMAXR
	DETAILS	<b>CAST MOHAWK WHEEL</b>	<b>CAST MOHAWK MAX WHEEL</b>	<b>LEFT</b> <b>CAST ZIPPER WHEEL</b>	<b>RIGHT</b> <b>CAST ZIPPER WHEEL</b>	<b>LEFT</b> <b>CAST ZIPPER MAX WHEEL</b>	<b>RIGHT</b> <b>CAST ZIPPER MAX WHEEL</b>
	PRICE	120.00	140.00	125.00		145.00	

<b>BOLT KIT for CAST WHEELS</b>  Select the corresponding drill option  <b>1 ROW = 1 KIT</b>	PHOTO		
	PART #	JD7EB	MVPBP
	DETAILS	ECCENTRIC BOLT KIT for JOHN DEERE <b>750 DRILLS</b> and other single press wheel drills	BOLT KIT for JOHN DEERE <b>1560 1590 1690 1860 1890 1895 1990 DRILLS</b>
	PRICE	25.00	10.00


CLOSING WHEEL PARTS		
		
#	MOZSP	APL502002 5203KYY2
	SPACER KIT for CLOSING WHEELS	5/8" OEM BORE <b>STANDARD BEARING</b> for CLOSING WHEELS
\$	2.50	20.00

## HUBS



1 SIDE = 1 HUB

PHOTO	PART #	DETAILS	PRICE
	MOZH	<b>DEEP DISH HUB for CAST CLOSING WHEELS</b>	15.00
	MOZFP	<b>FLAT COVER PLATE for CAST CLOSING WHEELS</b>	15.00

## CHICKEN TRACKER

PHOTO	PART #	DETAILS	PRICE
	CT2X13	<b>2" X 13" CHICKEN TRACKER for DRILLS 1 WHEEL</b>	150.00




## MVP CLOSING WHEEL REQUIRED KIT PARTS 1 ROW

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	JDCW	MVP CLOSING WHEEL for JOHN DEERE <b>1560 1590 1690 1860 1890 1895 1990 DRILLS &amp; AIR SEEDERS</b>	✓	65.00
	MVPBP	BOLT KIT for MVP CLOSING WHEEL		10.00



# OPENER DISC BLADES

## B-TOEM

These are the blades we have in stock. Please call 800-382-2607 for all other styles/models.

PHOTO	PART #	DETAILS	PRICE
	N283804BA#	B-TOEM BLADE for <b>JOHN DEERE 750 1560 1590 1690 1835 1850 1860 1890 1895 1990 DRILLS</b> 18" diameter, 5mm thickness <i>DISC ONLY</i>	call for pricing
	AA53860BA#	B-TOEM BLADE for <b>JOHN DEERE 1530 1535</b> drills with <b>MAXEMERGE PLUS ROW UNITS</b> 15" diameter, 204 bearing, 3.5mm thickness	
	AA65248HDBA#	B-TOEM BLADE for <b>JOHN DEERE 1530 1535</b> drills with <b>MAXEMERGE XP ROW UNITS. HEAVY DUTY.</b> 15" diameter, 205DR, 3.5mm thickness	

# PRESS WHEEL SCRAPERS

PHOTO	PART #	DETAILS	PRICE
	PWSJD4	PRESS WHEEL SCRAPER KIT & hardware for <b>JOHN DEERE 455 DRILL 1 ROW</b>	50.00
<b>SCRAPER KIT PARTS</b>			
	PWSGP/JD4P	<b>JOHN DEERE 455 DRILLS PRESS WHEEL SCRAPER PLASTIC PART</b>	8.75



# OTHER PRODUCTS

Questions or can't find what you're looking for? We're happy to help! Call us toll-free 800-382-2607 M-F 8AM-5PM CST

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## CASE IH Drills

## NEW HOLLAND *Air Seeders*

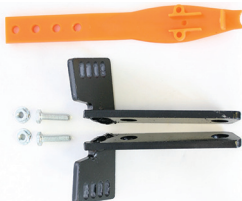



This image shows a single page from a lined notebook. The page is white with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. The notebook's cover, which is dark blue with a red border, is visible around the edges of the page. The page is blank, with no writing or markings.

# REBOUNDER® SEED COVERS


Place all your seeds at the bottom of the furrow with the Rebounder. Add an optional fitting for in-furrow liquid placement. We have three optional fittings to choose from—Y-Not Split It, Straight Shot, Hose Holder.

## REBOUNDERS FOR CASE IH DRILLS



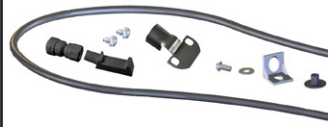
*\*If changing seed boots, refer to OIH12N*

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	DOIH500T	ORANGE REBOUNDER for <b>CASE IH 500T</b> drills & <b>NEW HOLLAND</b> air seeders	√	30.00
	DIH500MBL	<b>LEFT</b> MOUNTING BRACKET for <b>CIH 500T</b> & <b>NEW HOLLAND</b>		12.50
	DIH500MBR	<b>RIGHT</b> Takes half left and half right mounting brackets		
	DOIH51	ORANGE REBOUNDER* for <b>CASE IH 5100 5300 5400 5500</b> series drills	√	30.00
	DIH51MB	MOUNTING BRACKET* for <b>CIH 5100 5300 5400 5500</b>		12.50
	DOIH54S	ORANGE REBOUNDER* for <b>CASE IH 5400 5500 SOYBEAN SPECIAL</b> drills		30.00
	DOSDX	ORANGE REBOUNDER for <b>CASE IH SDX</b> drills		30.00








### REBOUNDER PARTS

PHOTO	PART #	DETAILS	PRICE
	IH TEMPLATE	REPLACEMENT TEMPLATE for CASE IH REBOUNDERS	2.00

## OPTIONAL FITTINGS

<b>IN-FURROW OPTIONAL FITTING for DRILLS type REBOUNDER</b>  3 options to choose from  <b>1 ROW = 1 KIT</b>	PHOTO			
	PART #	D3Y	HHD	SSKD
	DETAILS	<b>Y-NOT SPLIT-IT®</b> COMPLETE KIT	<b>HOSE HOLDER™</b> COMPLETE KIT	<b>STRAIGHT SHOT™</b> COMPLETE KIT
	PRICE	6.75	6.00	7.50





### OPTIONAL FITTING KIT PARTS 1 ROW


							
#	LBK	PY	MY	MPK	SSQC	SSTP	SSMPK
	L bracket kit	Y only	Flow restricting micro Y reduces outflow volume by 1/2	Y-NOT metal plate & screws	STRAIGHT SHOT with quick coupler	STRAIGHT SHOT threaded piece	STRAIGHT SHOT metal plate & screws
\$	3.25	2.90	2.90	4.40	6.25	3.00	4.40

# CLOSING WHEELS

We offer multiple varieties of all-cast Mohawk™ and Zipper™ angled spike closing wheels for Case IH drills and New Holland Air Drills.

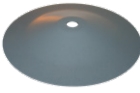

## CAST CLOSING WHEELS

<div>CAST WHEEL for <b>CASE IH 500 500T</b> DRILLS &amp; <b>NEW HOLLAND</b> AIR SEEDERS</div> <div><b>STANDARD 5/8" BEARING</b> PART # APL502002 -5203KYY2</div> <div><b>1 WHEEL</b></div> <div>√ MT BKT REQ'D</div>	PHOTO						
	PART #	CMO	MMAX	ZCL	ZCR	ZMAXL	ZMAXR
	DETAILS	<b>CAST MOHAWK WHEEL</b>	<b>CAST MOHAWK MAX WHEEL</b>	<b>LEFT</b> <b>CAST ZIPPER WHEEL</b>	<b>RIGHT</b> <b>CAST ZIPPER WHEEL</b>	<b>LEFT</b> <b>CAST ZIPPER MAX WHEEL</b>	<b>RIGHT</b> <b>CAST ZIPPER MAX WHEEL</b>
	PRICE	120.00	140.00	125.00		145.00	

<b>BOLT KIT for CAST WHEELS</b>         <b>1 ROW = 1 KIT</b>	PHOTO	
	PART #	IH5EB
	DETAILS	ECCENTRIC BOLT KIT for <b>CASE IH 500 500T DRILLS &amp; NEW HOLLAND AIR SEEDERS</b>
	PRICE	40.00

## HUBS

**1 SIDE = 1 HUB**

PHOTO	PART #	DETAILS	PRICE
	MOZH	<b>DEEP DISH HUB</b> for <b>CAST CLOSING WHEELS</b>	15.00
	MOZFP	<b>FLAT COVER PLATE</b> for <b>CAST CLOSING WHEELS</b>	15.00




## CLOSING WHEEL PARTS

PHOTO		
PART #	MOZSP	APL502002 5203KYY2
DETAILS	SPACER KIT for CLOSING WHEELS	5/8" OEM BORE <b>STANDARD BEARING</b> for CLOSING WHEELS
PRICE	2.50	20.00

# OPENER DISC BLADES

## B-TOEM

*These are the blades we have in stock. Please call 800-382-2607 for all other styles/models.*

PHOTO	PART #	DETAILS	PRICE
	84416318HDBA#	B-TOEM BLADE for <b>CASE IH 5400 5500 SOYBEAN SPECIAL</b> drills. Uses 5/8" x 2" bolt  14" <i>LEADING</i> diameter, <b>205 bearing, 4.5mm thickness</b>	<i>call for pricing</i>
	84416319HDBA#	B-TOEM BLADE for <b>CASE IH 5400 5500 SOYBEAN SPECIAL</b> drills. Uses 5/8" x 2" bolt  14" <i>TRAILING</i> diameter, <b>205 bearing, 4.5mm thickness</b>	
	87488385BA#	B-TOEM BLADE for <b>CASE IH 500 500T PD</b> drills & <b>NEW HOLLAND P2080 P2085</b> air drills. <i>Will not fit SDX series.</i>  18" diameter, <b>5mm thickness</b> <i>DISC ONLY</i>	

## OTHER PRODUCTS

Questions or can't find what you're looking for? We're happy to help! Call us toll-free 800-382-2607 M-F 8AM-5PM CST

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# GREAT PLAINS *Drills*



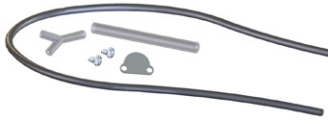

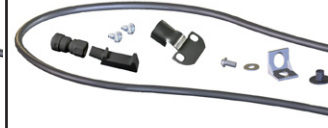
# REBOUNDER® SEED COVERS

Place all your seeds at the bottom of the furrow with the Rebounder. Add an optional fitting for in-furrow liquid placement. We have three optional fittings to choose from—Y-Not Split It, Straight Shot, Hose Holder.








## REBOUNDERS FOR GREAT PLAINS DRILLS

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	DOGPHD	ORANGE REBOUNDER for GREAT PLAINS <b>15" DISK 00HD-10HD HEAVY DUTY &amp; PRECISION</b> drills	✓	30.00
	DGPHDMB	MOUNTING BRACKET for GREAT PLAINS <b>15" DISK 00HD-10HD HEAVY DUTY &amp; PRECISION</b>		12.50
	DOGPSS	ORANGE REBOUNDER for GREAT PLAINS <b>13½" DISK SOLID STAND 00 10 20 30 1510</b> drills	✓	30.00
	DGPSSMB	MOUNTING BRACKET for GREAT PLAINS <b>13½" DISK SOLID STAND 00 10 20 30 1510</b>		12.50

## OPTIONAL FITTINGS

IN-FURROW OPTIONAL FITTING for <b>DRILLS</b> type <b>REBOUNDER</b>  3 options to choose from <b>1 ROW = 1 KIT</b>	PHOTO			
	PART #	D3Y	HHD	SSKD
	DETAILS	<b>Y-NOT SPLIT-IT®</b> COMPLETE KIT	<b>HOSE HOLDER™</b> COMPLETE KIT	<b>STRAIGHT SHOT™</b> COMPLETE KIT
	PRICE	6.75	6.00	7.50



### OPTIONAL FITTING KIT PARTS 1 ROW

							
#	LBK	PY	MY	MPK	SSQC	SSTP	SSMPK
	L bracket kit	Y only	Flow restricting micro Y reduces outflow volume by 1/2	Y-NOT metal plate & screws	STRAIGHT SHOT with quick coupler	STRAIGHT SHOT threaded piece	STRAIGHT SHOT metal plate & screws
\$	3.25	2.90	2.90	4.40	6.25	3.00	4.40

# OPENER DISC BLADES

## B-TOEM


These are the blades we have in stock. Please call for all other styles/models.

PHOTO	PART #	DETAILS	PRICE
	107-138SBA# 107-135SBA#	B-TOEM BLADE for <b>GREAT PLAINS 13 1/2" DOUBLE DISC</b> opener drills <i>Confirm blade when ordering</i>  13.5" diameter, <b>205 bearing</b> , 4mm thickness	call for pricing
	404-121SBA#	B-TOEM BLADE for <b>GREAT PLAINS HD</b> drills built 1999 & after with <b>HD00 HD10 HD15 HD25</b> series openers  15" diameter, <b>205 bearing</b> , 4mm thickness	



# PRESS WHEELS

Replace your rubber press wheel with the 2" Chicken Tracker™ Closing Wheel for drills.


## CHICKEN TRACKER

PHOTO	PART #	DETAILS	PRICE
	CT2X13	<b>2" X 13" CHICKEN TRACKER</b> for DRILLS <b>1 WHEEL</b>	150.00

### CLOSING WHEEL PARTS

		
#	MOZSP	APL502002 5203KYY2
	SPACER KIT for CLOSING WHEELS	5/8" OEM BORE <b>STANDARD BEARING</b> for CLOSING WHEELS
\$	2.50	20.00

# PRESS WHEEL SCRAPERS

PHOTO	PART #	DETAILS	PRICE
	PWSGP	PRESS WHEEL SCRAPER KIT & hardware for <b>GREAT PLAINS DRILLS</b> <b>1 ROW</b>	50.00

### SCRAPER KIT PARTS

	PWSGP/ JD4P	<b>GREAT PLAINS DRILLS</b> PRESS WHEEL SCRAPER PLASTIC PART	8.75
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# OTHER PRODUCTS

Questions or can't find what you're looking for? We're happy to help! Call us toll-free 800-382-2607 M-F 8AM-5PM CST


# LANDOLL Drills

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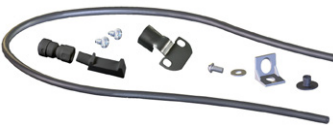
# REBOUNDER® SEED COVERS

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






## REBOUNDERS FOR LANDOLL DRILLS

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	DOL55	ORANGE REBOUNDER for <b>LANDOLL 5500 &amp; NEWER</b> drills	√	30.00
	DL55MB	MOUNTING BRACKET for <b>LANDOLL 5500 &amp; NEWER</b>		12.50

## OPTIONAL FITTINGS

IN-FURROW OPTIONAL FITTING for <b>DRILLS</b> type <b>REBOUNDER</b>  3 options to choose from  <b>1 ROW = 1 KIT</b>	PHOTO			
	PART #	D3Y	HHD	SSKD
	DETAILS	<b>Y-NOT SPLIT-IT®</b> COMPLETE KIT	<b>HOSE HOLDER™</b> COMPLETE KIT	<b>STRAIGHT SHOT™</b> COMPLETE KIT
	PRICE	6.75	6.00	7.50


### OPTIONAL FITTING KIT PARTS 1 ROW

							
#	LBK	PY	MY	MPK	SSQC	SSTP	SSMPK
	L bracket kit	Y only	Flow restricting micro Y reduces outflow volume by 1/2	Y-NOT metal plate & screws	STRAIGHT SHOT with quick coupler	STRAIGHT SHOT threaded piece	STRAIGHT SHOT metal plate & screws
\$	3.25	2.90	2.90	4.40	6.25	3.00	4.40



## PRESS WHEELS

Replace your rubber press wheel with the 2" Chicken Tracker™ Closing Wheel for drills.

## CHICKEN TRACKER

PHOTO	PART #	DETAILS	PRICE
	CT2X13	<b>2" X 13" CHICKEN TRACKER</b> for DRILLS <b>1 WHEEL</b>	150.00


### CLOSING WHEEL PARTS

		
#	MOZSP	APL502002 5203KYY2
	SPACER KIT for CLOSING WHEELS	5/8" OEM BORE <b>STANDARD BEARING</b> for CLOSING WHEELS
\$	2.50	20.00

# OPENER DISC BLADES

*These are the blades we have in stock. Please call 800-382-2607 for all other styles/models.*

## B-TOEM

PHOTO	PART #	DETAILS	PRICE
	143880BA#	<p>B-TOEM BLADE for <b>LANDOLL 5210 5211 5530 5531 5540 5550</b> DRILLS</p> <p>15.75" diameter, <b>205 bearing, 3.5mm thickness</b></p>	<i>call for pricing</i>

## OTHER PRODUCTS

Questions or can't find what you're looking for? We're happy to help! Call us toll-free 800-382-2607 M-F 8AM-5PM CST

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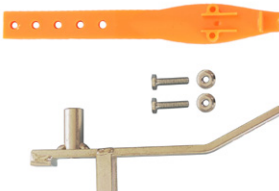
# CRUSTBUSTER Drills

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# REBOUNDER® SEED COVERS

Place all your seeds at the bottom of the furrow with the Rebounder. Add an optional fitting for in-furrow liquid placement. We have three optional fittings to choose from—Y-Not Split It, Straight Shot, Hose Holder.








## REBOUNDERS FOR CRUSTBUSTER DRILLS

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	DOCB34	ORANGE REBOUNDER for CRUSTBUSTER <b>3400 3700 4000</b> drills	√	30.00
	DCB34MB	MOUNTING BRACKET for CRUSTBUSTER <b>3400 3700 4000</b>		18.00
	DOCB34D	ORANGE REBOUNDER for CRUSTBUSTER <b>3400 3700 4000</b> drills with <b>DRY FERTILIZER</b>	√	30.00
	DCB34DMB	MOUNTING BRACKET for CRUSTBUSTER <b>3400 3700 4000</b> with <b>DRY FERTILIZER</b>		18.00

## OPTIONAL FITTINGS

IN-FURROW OPTIONAL FITTING for <b>DRILLS</b> type <b>REBOUNDER</b>  3 options to choose from  <b>1 ROW = 1 KIT</b>	PHOTO			
	PART #	D3Y	HHD	SSKD
	DETAILS	<b>Y-NOT SPLIT-IT®</b> COMPLETE KIT	<b>HOSE HOLDER™</b> COMPLETE KIT	<b>STRAIGHT SHOT™</b> COMPLETE KIT
	PRICE	6.75	6.00	7.50

### OPTIONAL FITTING KIT PARTS 1 ROW


							
#	LBK	PY	MY	MPK	SSQC	SSTP	SSMPK
	L bracket kit	Y only	Flow restricting micro Y reduces outflow volume by 1/2	Y-NOT metal plate & screws	STRAIGHT SHOT with quick coupler	STRAIGHT SHOT threaded piece	STRAIGHT SHOT metal plate & screws
\$	3.25	2.90	2.90	4.40	6.25	3.00	4.40





# PRESS WHEELS

*Replace your rubber press wheel with the 2" Chicken Tracker™ Closing Wheel for drills.*

# CHICKEN TRACKER

PHOTO	PART #	DETAILS	PRICE
	CT2X13	<b>2" X 13" CHICKEN TRACKER for DRILLS</b> <b>1 WHEEL</b>	150.00

## CLOSING WHEEL PARTS

		
#	MOZSP	APL502002 5203KYY2
	SPACER KIT for CLOSING WHEELS	5/8" OEM BORE <b>STANDARD BEARING</b> for CLOSING WHEELS
\$	2.50	20.00

## OTHER PRODUCTS

Questions or can't find what you're looking for? We're happy to help! Call us toll-free 800-382-2607 M-F 8AM-5PM CST

[illegible]



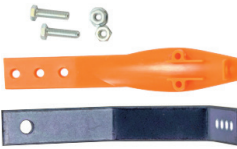
## TYE Drills

[illegible]



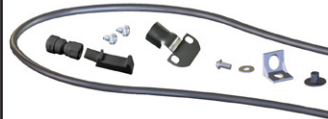
# REBOUNDER® SEED COVERS

Place all your seeds at the bottom of the furrow with the Rebounder. Add a Rebounder optional fitting or stainless steel tube for in-furrow liquid placement.








## REBOUNDERS FOR TYE DRILLS

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	DRT	ORANGE REBOUNDER for TYE <b>SERIES IV V 2000</b> drills	√	30.00
	DTMB	MOUNTING BRACKET for TYE <b>SERIES IV V 2000</b>		12.50
	DOUFTS	ORANGE REBOUNDER for <b>OLD-STYLE TYE SERIES V</b> drills	√	30.00
	DUFTSBKT	MOUNTING BRACKET for <b>OLD-STYLE TYE SERIES V</b> INCLUDES: Bracket & hardware		12.50
	DOTSR	ORANGE REBOUNDER for TYE <b>SOYBEAN / RICE SPECIAL</b> drills	√	30.00
	DTSRMB	MOUNTING BRACKET for TYE <b>SOYBEAN / RICE SPECIAL</b>		12.50


## OPTIONAL FITTINGS

IN-FURROW OPTIONAL FITTING for <b>DRILLS</b> type <b>REBOUNDER</b>  3 options to choose from  <b>1 ROW = 1 KIT</b>	PHOTO			
	PART #	D3Y	HHD	SSKD
	DETAILS	<b>Y-NOT SPLIT-IT®</b> COMPLETE KIT	<b>HOSE HOLDER™</b> COMPLETE KIT	<b>STRAIGHT SHOT™</b> COMPLETE KIT
	PRICE	6.75	6.00	7.50

### OPTIONAL FITTING KIT PARTS 1 ROW

#	LBK	PY	MY	MPK	SSQC	SSTP	SSMPK
							
	L bracket kit	Y only	Flow restricting micro Y reduces outflow volume by 1/2	Y-NOT metal plate & screws	STRAIGHT SHOT with quick coupler	STRAIGHT SHOT threaded piece	STRAIGHT SHOT metal plate & screws
\$	3.25	2.90	2.90	4.40	6.25	3.00	4.40


## STAINLESS STEEL TUBES

PHOTO	PART #	DETAILS	PRICE
	STYE	STAINLESS STEEL BRACKET for TYE <b>SOYBEAN / RICE SPECIAL</b> drills. <i>Short and adjustable, recommended to hold the hose going down to the STRAIGHT SHOT attachment</i>	7.50



# PRESS WHEELS

Replace your rubber press wheel with the 2" Chicken Tracker™ Closing Wheel for drills.

## CHICKEN TRACKER

PHOTO	PART #	DETAILS	PRICE
	CT2X13	<b>2" X 13" CHICKEN TRACKER for DRILLS</b> <b>1 WHEEL</b>	150.00


## CLOSING WHEEL PARTS

		
#	MOZSP	APL502002 5203KYY2
	SPACER KIT for CLOSING WHEELS	5/8" OEM BORE <b>STANDARD BEARING</b> for CLOSING WHEELS
\$	2.50	20.00

# OPENER DISC BLADES

## B-TOEM

These are the blades we have in stock. Please call for all other styles/models.

PHOTO	PART #	DETAILS	PRICE
	107-138SBA# 107-135SBA#	B-TOEM BLADE for <b>TYE 13½" DOUBLE DISC</b> opener drills <i>Confirm blade when ordering</i> 13.5" diameter, <b>205 bearing</b> , 4mm thickness	call for pricing

# OTHER PRODUCTS

Questions or can't find what you're looking for? We're happy to help! Call us toll-free 800-382-2607 M-F 8AM-5PM CST

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## OTHER Drills

[illegible]


# REBOUNDER® SEED COVERS

Place all your seeds at the bottom of the furrow with the Rebounder. Add a Rebounder optional fitting or for in-furrow liquid placement.


## AMITY

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	DRA	ORANGE REBOUNDER for <b>AMITY</b> drills		30.00


## BEST

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	DOBEST	ORANGE REBOUNDER for <b>BEST</b> drills <b>PRIOR TO 1995</b>	√	30.00
	DBESTBKT	MOUNTING BRACKET for <b>BEST</b> drills <b>PRIOR TO 1995</b> INCLUDES: Bracket & hardware		12.50


## ESCH

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	DOE	ORANGE REBOUNDER for <b>ESCH</b> drills INCLUDES: 1/4" bolts & nuts	√	30.00
	DEMB	MOUNTING BRACKET for <b>ESCH</b> INCLUDES: Bracket & hardware		15.00


## FSO

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	DOF	ORANGE REBOUNDER for <b>FSO (FLEXI COIL)</b> drill	√	30.00
	DFMBL	<b>LEFT</b> MOUNTING BRACKET for <b>FSO</b> drill		12.50
	DFMBR	<b>RIGHT</b>		



## HAYBUSTER

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	DOHB	ORANGE REBOUNDER for <b>HAYBUSTER 107 1575</b> drills	√	30.00
	DHBBKT	MOUNTING BRACKET for <b>HAYBUSTER 107 1575</b> INCLUDES: Bracket & hardware		12.50


## HINIKER

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	DOHIN	ORANGE REBOUNDER for <b>HINIKER</b> drills	√	30.00
	DHINBKTL	<b>LEFT</b>		12.50
	DHINBKTR	<b>RIGHT</b>		


## KRAUSE

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	DOK5400	ORANGE REBOUNDER for <b>KRAUSE 5400</b> drills	√	30.00
	DK5400BKT	MOUNTING BRACKET for <b>KRAUSE 5400</b> INCLUDES: Bracket & hardware		12.50
	DOK52	ORANGE REBOUNDER for <b>KRAUSE 5200 5250 5500</b> drills	√	30.00
	DK52MB	MOUNTING BRACKET for <b>KRAUSE 5200 5250 5500</b> drills		12.50

## MARLISS


PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	DOHB	ORANGE REBOUNDER for <b>MARLISS</b> drills	√	30.00
	DHBBKT	MOUNTING BRACKET for <b>MARLISS</b> INCLUDES: Bracket & hardware		12.50

## SALFORD


PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	DRSAL	ORANGE REBOUNDER for <b>SALFORD</b> drills	√	30.00
	DSALMB	MOUNTING BRACKET for <b>SALFORD</b> drills		12.50





## SUKUP

PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	DOSUK	ORANGE REBOUNDER for <b>SUKUP 2050 2100 2300</b> drills	√	30.00
	DSUKBKT	MOUNTING BRACKET for <b>SUKUP 2050 2100 2300</b> INCLUDES: Bracket & hardware		12.50

## SUNFLOWER

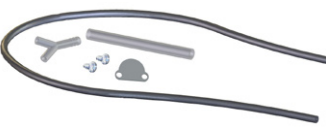

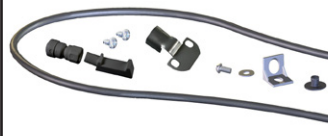
PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	DOSUN	ORANGE REBOUNDER for <b>SUNFLOWER</b> drills	√	30.00
	DSUNMB	MOUNTING BRACKET for <b>SUNFLOWER</b> drills		12.50

## UFT








PHOTO	PART #	DETAILS	MT BKT REQ'D	PRICE
	DOUFTS	ORANGE REBOUNDER for <b>UFT STANDARD</b> drills	√	30.00
	DUFTSBKT	MOUNTING BRACKET for <b>UFT STANDARD</b> INCLUDES: Bracket & hardware		12.50
	DOUFT	ORANGE REBOUNDER for <b>UFT HEAVY DUTY 5000</b> drills	√	30.00
	DUFTBKT	MOUNTING BRACKET for <b>UFT HEAVY DUTY 5000</b> INCLUDES: Bracket & hardware		12.50

# OPTIONAL FITTINGS

We have three in-furrow optional fittings to choose from—Y-Not Split It, Hose Holder, and Straight Shot.

IN-FURROW OPTIONAL FITTING for <b>DRILLS</b> type <b>REBOUNDER</b>  3 options to choose from  <b>1 ROW = 1 KIT</b>	PHOTO			
	PART #	D3Y	HHD	SSKD
	DETAILS	<b>Y-NOT SPLIT-IT®</b> COMPLETE KIT	<b>HOSE HOLDER™</b> COMPLETE KIT	<b>STRAIGHT SHOT™</b> COMPLETE KIT
	PRICE	6.75	6.00	7.50

## OPTIONAL FITTING KIT PARTS 1 ROW


							
#	LBK	PY	MY	MPK	SSQC	SSTP	SSMPK
	L bracket kit	Y only	Flow restricting micro Y reduces outflow volume by 1/2	Y-NOT metal plate & screws	STRAIGHT SHOT with quick coupler	STRAIGHT SHOT threaded piece	STRAIGHT SHOT metal plate & screws
\$	3.25	2.90	2.90	4.40	6.25	3.00	4.40



# PRESS WHEELS

Replace your rubber press wheel with the 2" Chicken Tracker™ Closing Wheel for drills.

## CHICKEN TRACKER

## CLOSING WHEEL PARTS

PHOTO	PART #	DETAILS	PRICE
	CT2X13	<b>2" X 13" CHICKEN TRACKER</b> for DRILLS <b>1 WHEEL</b>	150.00



		
#	MOZSP	APL502002 5203KYY2
	SPACER KIT for CLOSING WHEELS	5/8" OEM BORE <b>STANDARD BEARING</b> for CLOSING WHEELS
\$	2.50	20.00

# OPENER DISC BLADES

We offer disc blades for **KRAUSE** and **NEW HOLLAND** drills.

# B-TOEM

*These are the blades we have in stock. Please call 800-382-2607 for all other styles/models.*

PHOTO	PART #	DETAILS	PRICE
	107-138SBA# 107-135SBA#	B-TOEM BLADE for <b>KRAUSE 13½" DOUBLE DISC</b> opener drills <i>Confirm blade when ordering</i>  13.5" diameter, <b>205 bearing, 4mm thickness</b>	<i>call for pricing</i>
	87488385BA#	B-TOEM BLADE for <b>NEW HOLLAND P2080 P2085 DRILLS</b>  18" diameter, <b>5mm thickness</b> <i>DISC ONLY</i>	

## OTHER PRODUCTS





Questions or can't find what you're looking for? We're happy to help! Call us toll-free 800-382-2607 M-F 8AM-5PM CST

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## **PUMP SYSTEM** *Components*

[illegible]




## PUMPS

PHOTO			PHOTO		
PART #	5517-2F1-63A	5518-2F1-94A	PART #	QBS-556	QBE-556
DETAILS	REMCO PROFLO 5500™ with QUICK CONNECT	REMCO PROFLO FATBOY®	DETAILS	<b>3/4"</b> STRAIGHT HOSE BARB with O-RING for Remco pumps	<b>3/4"</b> ELBOW HOSE BARB
PRICE	201.25	298.00	PRICE	4.25	5.60




## FILTERS

PHOTO	PART #	DETAILS	PRICE	PHOTO	PART #	DETAILS	PRICE
	TLSO7550	<b>50</b> mesh FILTER & HOUSING <b>COMPLETE ASSEMBLY</b>	50.65		5730020 12492	<b>50</b> mesh FILTER	11.50
	TLSO7580	<b>80</b> mesh filter & housing <b>COMPLETE ASSEMBLY</b>	50.65		5730030 12493	<b>80</b> mesh FILTER	11.50
	5580060	FILTER HOUSING TOP <b>3/4"</b> inlet to <b>3/4"</b> outlet	9.00		5580480	PINK GASKET BAND for <b>50</b> & <b>80</b> mesh filter housing	1.00
	5580210	FILTER HOUSING BOTTOM	6.55		3EL34	<b>3/4"</b> MPT to <b>3/4"</b> <b>90°</b> HOSE BARB	1.50
	5730020 12492	<b>50</b> mesh FILTER	11.50		AL34P	<b>3/4"</b> MPT to <b>3/4"</b> HOSE BARB	1.10

## MANIFOLD


PHOTO			
PART #	MANBANDASSM	NN4P	TO3ADP
DETAILS	Assembly of 15AQ2702 (black band), 15AQ2711 (white thread stem), & o-ring <i>In stock- only supply NLAE</i>	<b>11/16"</b> M thread X <b>1/4"</b> MPT	HOSE ADAPTER for nozzle body
PRICE	5.02	1.00	2.50

## PRESSURE GAUGE


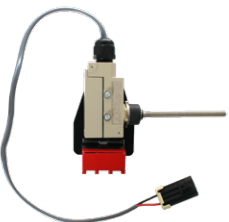
			
#	ASG604	ASG60	3SE14
	<b>4"</b> PRESSURE GAUGE	<b>2"</b> PRESSURE GAUGE	<b>1/4"</b> NPT male x <b>90° 1/4"</b> NPTF female
\$	25.00	25.00	3.50

# ELECTRICAL CONNECTIONS


## MANX


PHOTO	
PART #	JDS 25
DETAILS	ManX CONTROLLER
PRICE	356.00


## RUN HOLD




PHOTO	PART #	DETAILS	PRICE
	RUN HOLD EXT 15'	<b>15'</b> Run Hold EXTENSION	74.58
	RUN HOLD EXT 30'	<b>30'</b>	88.73
	RUN HOLD SWITCH-15'	<b>15'</b> Run Hold SWITCH	235.00
	RUN HOLD SWITCH	<b>30'</b>	253.99
	RUN HOLD SWITCH-50'	<b>50'</b>	275.00
	MG-MOUNT	MAGMOUNT	59.50

## CABLES



# 25-15PC
<b>15' CABLE with 30 AMP FUSE</b> to be hooked directly to 12V tractor battery
\$ 126.69


# 25Y CABLE
10 GAUGE <b>Y</b> CABLE for <b>GX2</b> dual pump systems <b>USED WITH 25-50, 25-40, &amp; 25-30</b>
\$ 105.71


# 25-YPWM
10 GAUGE <b>Y</b> CABLE for <b>GX2</b> dual pump systems <b>USED ONLY WITH PWM</b>
\$ 113.95

						
#	25-10	25-15	25-20	25-30	25-60	40-10-4
	<b>10'</b>	<b>15'</b>	<b>20'</b>	<b>30'</b>	<b>60'</b>	<b>4'</b>
	10 GAUGE CABLE				10 GAUGE CABLE	10 GAUGE CABLE <b>USED ONLY WITH 25-60</b>
\$	105.97	136.30	166.50	206.69	247.19	40.60

## DOSATRON® DIRECT INJECTION

PHOTO	PART #	DETAILS	PRICE
	115-2%	<b>15 GALLON 2%</b>	1,419.50
	115-5%	<b>15 GALLON 5%</b>	2,129.25
	119-5%	<b>19 GALLON 5%</b>	2,513.44
	215-2%	<b>15 GALLON 2%</b>	1,646.62
	215-5%	<b>15 GALLON 5%</b>	2,356.37
	215-10%	<b>15 GALLON 10%</b>	2,509.68

# TOWER




PHOTO			
PART #	6WWBD	8WWBD	12WWBD
DETAILS	<b>SMALL</b>	<b>MEDIUM</b>	<b>LARGE</b>
	Wilger system WHITE PANEL BACK DROP		
PRICE	8.80	12.25	15.00











PHOTO		
#	6CBRK	12CBRK
DETAILS	<b>6 COLUMN</b>	<b>12 COLUMN</b>
	TOP BRACKET	
\$	24.55	46.10

PHOTO	PART #	DETAILS	PRICE
	GX1CHASSIS SWIVELBKT	Wilger SWIVEL BRACKET for turning Wilgers 90° <b>1 PIECE</b> <i>Need 2 pieces to make swivel</i>	7.50

## CHASSIS

PHOTO	PART #	DETAILS	PRICE
	GX1CHASSIS	CHASSIS STAND for mounting <b>ONE</b> pump/filters and manifold[s]	40.00
	GX2CHASSIS	LARGE CHASSIS STAND for mounting <b>SINGLE</b> or <b>DUAL</b> pump system	120.15
	GX2CHASSISBASE	<b>GX2</b> CHASSIS BASE	125.85
	GX2CHASSISEXTL	<b>LEFT SIDE</b> <b>GX2</b> CHASSIS	50.85
	GX2CHASSISEXTR	<b>RIGHT SIDE</b> EXTENSION	50.85

## MOUNTING BRACKETS

PHOTO	PART #	DETAILS	PRICE
	GX2PMPMNTBKT	<b>GX2</b> PUMP MOUNTING BRACKET <b>1 PIECE</b>	7.56
	GX1PMMPLT	PUMP MOUNTING BRACKET for <b>GX2</b> stand	6.40
	GX1FILMNBKT	FILTER MOUNTING BRACKET for <b>GX1</b> stand	12.50
	FILMNTPLT	FILTER MOUNTING BRACKET for <b>GX1</b> or <b>GX2</b> stand <b>1 PIECE</b>	6.00

## U-BOLTS


PHOTO	
PART #	GXUBOLT78.5
DETAILS	1/2"x7"x8.5"
PRICE	11.50


PHOTO	
#	GXUBOLT814
DETAILS	1/2"x8"x14"
\$	7.50


PHOTO	
#	GXUBOLT816
DETAILS	1/2"x8"x16"
\$	10.00







PHOTO	
#	GXUBOLT818
DETAILS	1/2"x8"x18"
\$	6.20

PHOTO	
#	FILUBOLT2.5
DETAILS	<b>2.5"x1.5"</b> U-BOLT for mounting filter body
\$	2.00







# WILGER


## FITTING ADAPTERS


PHOTO	PART #	DETAILS	\$
	20516-00	<b>ORS</b> male to <b>1/4" 90°</b> QUICK CONNECT	5.40
	20517-00	<b>ORS</b> male to <b>3/8" 90°</b> QUICK CONNECT	5.40
	20518-00	<b>ORS</b> male to <b>1/4" 90°</b> NPT female	4.99
	20519-00	<b>ORS</b> male to <b>1/4" NPT</b> female <i>NON-STOCKING PART SPECIAL ORDER ONLY</i>	2.78

## HOSE BARB ADAPTERS

PHOTO	PART #	DETAILS	\$
	20502-00	<b>ORS</b> male to <b>1/2" straight</b> HOSE BARB <i>NON-STOCKING PART SPECIAL ORDER ONLY</i>	4.55
	20503-00	<b>ORS</b> male to <b>3/4" straight</b> HOSE BARB	4.55
	20511-00	<b>ORS</b> male to <b>3/8" 90°</b> HOSE BARB <i>NON-STOCKING PART SPECIAL ORDER ONLY</i>	4.75
	20513-00	<b>ORS</b> male to <b>3/4" 90°</b> HOSE BARB	3.07

## VISUAL FLOW INDICATORS

PHOTO	PART #	DETAILS	PRICE
	20460-00	<b>REGULAR FLOW</b> FLOW INDICATOR ASSEMBLY	15.75
	20470-00	<b>LOW FLOW</b> INCLUDES: Body, ball retainer, o-ring seal, two lock u-clips, balls (green, orange, red glass, SS)	15.75
	20475-00	<b>ULTRA LOW FLOW</b>	15.95

	
#	20460-02
	BALL RETAINER
\$	0.61

	
#	20460-03
	O-RING
\$	0.46












	
#	20460-04
	LOCK U-CLIP
\$	1.50


PHOTO	PART #	DETAILS	PRICE
	20460-05	<b>1/2" SS</b>	1.51
	20460-06	Maroon	1.50
	20460-07	Red	1.50
	20460-08	Green	1.50
	20460-10	<b>7/16" SS</b>	1.50
	20460-14	Fluorescent Pink	1.02
	20460-18	White	1.02

FLOW  
INDICATION  
BALL





## WILGER ELBOWS & END CAPS

PHOTO	PART #	DETAILS	PRICE
	20520-00	<b>ORS</b> male to <b>ORS 90°</b> female <i>NON-STOCKING PART SPECIAL ORDER ONLY</i>	4.39
	20537-00	<b>ORS</b> female to <b>1/2"</b> NPT female	6.25
	20521-00	<b>ORS</b> female CAP	7.30

## WILGER ORIFICE ASSEMBLIES\*

PHOTO	PART #	DETAILS	PRICE
	21025-00	<b>0.025</b>	4.62
	21055-00	<b>0.055</b>	
	21113-00	<b>0.113</b>	

## WILGER CONNECTOR TEES














PHOTO	PART #	DETAILS	PRICE
	20525-00	<b>1" NPT</b> female <b>T</b> to <b>ORS</b> male x <b>ORS</b> male <b>HAS GAUGE PORT</b>	5.86
	20526-00	<b>ORS</b> female <b>T</b> to <b>ORS</b> male x <b>ORS</b> male <b>HAS GAUGE PORT</b>	10.00
	3A10034	<b>1" MPT</b> to <b>3/4"</b> HOSE BARB	1.50
	HB100 /075-90	<b>1" MPT</b> to <b>3/4" 90°</b> HOSE BARB	2.11

\* More sizes of Wilger orifice assemblies available

# ORIFICES













## SET SCREW INJECTOR NOZ#

For **HIGH PRESSURE**, see appendix for sizing chart


PHOTO	PART #	SIZE	PRICE
	SSWHIT	0001 .026	11.80
	SSBLAC	00015 .031	
	SSSILV	0002 .036	
	SSORAN	0003 .041	
	SSGREE	0004 .047	
	SSGOLD	0005 .053	
	SSPURP	0006 .058	
	SSRED	0008 .067	
	SSSBLU	0010 .073	
	SSPINK	0015 .092	
	SSYELL	0020 .103	
	SSBROW	0030 9/64	
	SSDBLU	0040 5/32	

## COLOR DISC



Metering discs for pump system

PHOTO	PART #	SIZE	PRICE
	DCPINK	.005	1.60
	DCGREY	.01	
	DCBLAC	.015	
	DCBROW	.02	
	DCORAN	.03	
	DCRED	.04	
	DCCBLU	.05	
	DCYELL	.06	
	DCEGRE	.07	
	DCWHIT	.08	
	DCLGRE	.09	
	DCRBLU	.12	











## VARIABLE RATE ORIFICE

PHOTO	PART #	DETAILS	PRICE
	PTCVR38	<b>3/8" QC</b> PUSH-TO-CONNECT VARIABLE RATE	30.27
	PTCVR14	<b>1/4" QC</b> ORIFICE CAP with QUICK COUPLER	30.28







## ORIFICE HOLDERS

PHOTO		
PART #	NN4P	TO3ADP
DETAILS	<b>1 1/16" M</b> thread X <b>1/4" MPT</b>	HOSE ADAPTER for nozzle body
PRICE	1.00	2.50

## CHECK VALVES 3# & 5#

PHOTO	PART #	DETAILS	PRICE
	CVB3	<b>3#</b> CHECK VALVE BODY <b>BOTH ENDS THREADED</b> for use with squeeze pumps	10.75
	CVB5	<b>5#</b> CHECK VALVE BODY <b>BOTH ENDS THREADED</b> for use with piston, electric & hydraulic pumps	
	CVB3QC4	<b>3#</b> CHECK VALVE BODY <b>1/4" to 1/4" QUICK CONNECT</b>	13.50
	CVB5QC	<b>5#</b> CHECK VALVE BODY <b>BOTH ENDS 1/4" QUICK CONNECT</b>	
	CVB3QC6	<b>3#</b> CHECK VALVE BODY	
	CVB5QC6	<b>5#</b> <b>3/8" to 3/8" QUICK CONNECT</b>	
	CVB3HB3	<b>3#</b> CHECK VALVE BODY	
	CVB5HB3	<b>5#</b> <b>3/8" to 3/8" HOSE BARB</b>	
	CVB3HB2	<b>3#</b> CHECK VALVE BODY	
	CVB5HB2	<b>5#</b> <b>1/2" to 1/2" HOSE BARB</b>	
	CVB5HB32	<b>5#</b> CHECK VALVE BODY <b>3/8" to 1/2" HOSE BARB</b>	
	CVB3QH43	<b>3#</b> CHECK VALVE BODY	
	CVB5QH43	<b>5#</b> <b>1/4" QUICK CONNECT to 3/8" HOSE BARB</b>	
	CVB5QH63	<b>5#</b> CHECK VALVE BODY <b>3/8" QUICK CONNECT to 3/8" HOSE BARB</b>	
	ICV MARKED AS NON-INVENTORY	INLINE CHECK VALVE WITH ORIFICE* for planters without a manifold <i>*Need to know orifice color</i>	38.75

## TEEJET CHECK VALVE BODY & CAPS

PICTURE	PART #	DESCRIPTION	PRICE
	DCV-1/4QC-5-BODY	<b>1/4"</b>	13.22
	DCV-3/8QC-5-BODY	<b>3/8"</b> 5# TeeJet CHECK VALVE BODY	13.25
	DCV-1/4QC-CAP	<b>1/4"</b>	7.95
	DCV-3/8QC-CAP	<b>3/8"</b> TeeJet CAP	5.22
	PTC-VR-1/4	<b>1/4"</b> Variable Rate orifice CAP	30.28
	PTC-VR-3/8	<b>3/8"</b> <b>HYDRAULIC SYSTEMS ONLY</b>	30.27
	PTC-VR-X0.5-1/4-5	<b>1/4"</b> TeeJet COMPLETE (5# check valve with variable rate orifice cap)	36.36
	QJ98590-3/8-5#/PTC-VR-3/8 MARKED AS NON-INVENTORY	<b>3/8"</b> <b>HYDRAULIC SYSTEMS ONLY</b>	36.36
	DCV-1/4QC-5-AMS	<b>1/4"</b> QUICK CONNECT with	22.30
	DCV-3/8QC-5-ASM	<b>3/8"</b> 5# CHECK VALVE BODY	22.30
	DCV-SEAL-ORIFICE	TeeJet CAP SEAL, EPDM rubber	3.25

## QUICK COUPLERS






## HOSE BARBS

PHOTO	PART #	DETAILS	PRICE	PHOTO	PART #	DETAILS	PRICE
	QC1	<b>1/4\"</b> <b>QC</b> to <b>1/4\"</b> <b>MALE NPT</b> <b>elbow</b>	3.50		HB12	<b>1/2\"</b> HOSE BARB	1.50
	QC2	<b>1/4\"</b> <b>QC</b> to <b>1/8\"</b> <b>MALE NPT</b>	1.46		HB38	<b>3/8\"</b> HOSE BARB	1.50
	QC3	<b>1/4\"</b> <b>QC</b> to <b>1/4\"</b> <b>QC</b> straight	2.50		S0660646B	<b>3/8\"</b> HOSE BARB to <b>3/8\"</b> STEM	2.00
	QC4	<b>1/4\"</b> <b>QC</b> to <b>1/4\"</b> <b>MALE NPT</b>	2.50		HM38P	<b>3/8\"</b> HOSE BARB to <b>3/8\"</b> HOSE BARB	0.75
	QC5	<b>1/4\"</b> <b>QC</b> to <b>1/8\"</b> <b>FEMALE NPTF</b> <i>used in Straight Shot kit</i>	3.60		Y38	<b>3/8\"</b> HOSE BARB to x <b>3/8\"</b> <b>Y</b> HOSE BARB	2.99
	QC6	<b>3/8\"</b> <b>QC</b> to <b>1/4\"</b> <b>MALE NPT</b>	3.00		3A10034	<b>1\"</b> MPT to <b>3/4\"</b> HOSE BARB	1.50
	QC7	<b>3/8\"</b> <b>QC</b> to <b>1/4\"</b> <b>QC</b>	3.43		HB100 /075-90	<b>1\"</b> MPT to <b>3/4\" 90°</b> HOSE BARB	2.11
	QC8	<b>3/8\"</b> <b>QC</b> to <b>1/4\"</b> <b>MALE NPT</b> <b>elbow</b>	4.30		AL34P	<b>3/4\"</b> MPT to <b>3/4\"</b> HOSE BARB	1.10
	QC9	<b>1/4\"</b> <b>QC</b> to <b>1/4\"</b> <b>FEMALE NPTF</b>	3.10		EL1234	<b>1/2\"</b> NPT male to <b>3/4\" 90°</b> HOSE BARB	0.83
	QC10	<b>1/4\"</b> <b>QC</b> to <b>1/8\"</b> <b>MALE NPT</b> <b>elbow</b>	2.63		3EL34	<b>3/4\"</b> MPT to <b>3/4\" 90°</b> HOSE BARB	1.50
	QC14	<b>1/4\"</b> <b>QC</b> to <b>3/8\"</b> <b>MALE NPT</b>	2.50		3T34F	<b>3/4\"</b> FPT to x <b>3/8\"</b> <b>T</b> HOSE BARB	3.55
	QC15	<b>3/8\"</b> <b>QC</b> to <b>3/8\"</b> <b>QC</b>	3.00		3T34	<b>3/4\"</b> all male <b>T</b> HOSE BARB	4.94
	QC16	<b>1/4\"</b> <b>QC</b> to <b>1/4\"</b> <b>90° QC</b>	2.20		3RB3414	<b>3/4\"</b> MPT to <b>1/4\"</b> FPT	2.00


PHOTO							
PART #	QC14Y		V0620006B	3/8-1/4 UNEQUAL DIVIDER	PPSV040808W	PPSV041212W	SUBV075
DETAILS	<b>1/4\" QC</b> INLET to 2 <b>1/4\" QC</b> OUTLETS		<b>3/8\" QC</b> INLET to 2 <b>3/8\" QC</b> OUTLETS	<b>3/8\" QC</b> INLET to 2 <b>1/4\" QC</b> OUTLETS	<b>1/4\" QC</b> to <b>1/4\" QC</b> THUMB VALVE	<b>3/8\" QC</b> to <b>3/8\" QC</b> THUMB VALVE	<b>3/4\"</b> BALL VALVE
PRICE	3.00		3.76	3.97	7.40	7.10	20.65

# HOSE ADAPTER KITS




For single and dual stainless steel liquid fertilizer tubes with 3/8" OD.

					
#	IHSSYHB	IHSSY38QC	IHSSY14QC	HA38	HA14
	<b>3/8" HB</b>	<b>3/8" QC</b>	<b>1/4" QC</b>	<b>3/8" QC</b>	<b>1/4" QC</b>
	Y HOSE ADAPTER KIT for <b>DUAL</b> tubes			HOSE ADAPTER KIT for <b>SINGLE</b> tubes	
\$	25.00			12.50	

## RUBBER BOOT

PHOTO	
PART #	RUBBER BOOT
DETAILS	RUBBER BOOT for stainless steel <b>2X2 TUBES</b>
PRICE	2.50




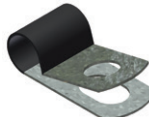
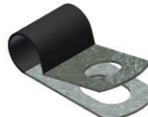
## REDUCER ADAPTERS

PHOTO	PART #	DETAILS	PRICE
	AC2	<b>1/4" QC</b> with <b>1/4" FPT x 1/2" HOSE BARB</b>	4.50
	AC3	<b>1/4" QC</b> with <b>1/4" FPT x 3/8" HOSE BARB</b>	4.50
	AC5	<b>1/4" to 3/8" QC</b> with <b>3/8" STEM x 3/8" HOSE BARB</b> <i>For use with Bullet Check Valves</i>	4.50

## HOSE

PHOTO						
PART #	<b>1/4"</b> GREY HARD HOSE	<b>3/8"</b> CLEAR HOSE	<b>1/4"</b> BLACK HARD HOSE	<b>3/8"</b> BLACK HARD HOSE	<b>3/8"</b> BLACK RUBBER HOSE	<b>3/4"</b> BLACK RUBBER HOSE
DETAILS	OD <b>1/4"</b>	OD <b>3/8"</b>	OD <b>1/4"</b>	OD <b>3/8"</b>	ID <b>3/8"</b>	ID <b>3/4"</b>
LENGTH	ALL HOSE is sold <b>BY THE FOOT</b> in a ROLL					
PRICE	0.25	0.55	0.25	0.50	1.00	1.60

## CLAMPS














PHOTO							
PART #	HC4	HC6	HC12	TC14	TC38	TC12	TC1
SIZE	<b>4#</b>	<b>6#</b>	<b>12#</b>	<b>1/4"</b>	<b>3/8"</b>	<b>1/2"</b>	<b>1"</b>
DETAILS	HOSE CLAMP			TUBE CLAMP for <b>CASE IH</b> Y & Hose Holder kits	TUBE CLAMP for stainless steel tubes		
PRICE	1.40	1.50	1.50	1.50	1.00	1.00	1.26



# INJECTOR ORIFICE

## CHART

### SET SCREW NOZ # for HIGH PRESSURE

PHOTO	PART #	SIZE	PRICE
	SSWHIT	0001 .026	11.80
	SSBLAC	00015 .031	
	SSSILV	0002 .036	
	SSORAN	0003 .041	
	SSGREE	0004 .047	
	SSGOLD	0005 .053	
	SSPURP	0006 .058	
	SSRED	0008 .067	
	SSSBLU	0010 .073	
	SSPINK	0015 .092	
	SSYELL	0020 .103	
	SSBROW	0030 9/64	
	SSDBLU	0040 5/32	

### ELECTRIC PUMP PRESSURE

#### RECOMMENDATIONS (with 5 lb check valves):

Minimum: 15 PSI

Maximum: 40 PSI

### CHARTS ARE BASED ON WATER (8.34 LB/GAL MATERIAL) @ 60°F

- Cleanliness, viscosity, and temperature affect the flow rate.
- Heavier fertilizers will have 5-15% less flow than chart indicates for a certain pressure.
- Cold fertilizers will cause system pressure to increase at a given application rate.
- The electric pump systems will have reduced flow and increased electrical current draw due to cold fertilizer increasing operating pressure. Use the largest orifice possible for cold weather operation.
- **PLEASE NOTE:** Only 1 orifice can be used under pressure, either this high pressure injector orifice out the back or an orifice in the manifold.

**DO NOT RUN 2 ORIFICES UNDER PRESSURE.**

### GENERAL INFORMATION FOR CHARTS:

- **10-34-0** and **3-18-18** or **11.7 lb/gal**— divide by 1.18
- **32-0-0** and **9-18-9** or **11.04 lb/gal**— divide by 1.15
- **28-0-0** or **10.67 lb/gal**— divide by 1.13
- **5-5-5** or **11.4 lb/gal**— divide by 1.17
- **8-19-3** or **10.5 lb/gal**— divide by 1.12

### WATER

#### GALLONS PER ACRE 30" SPACING

ORIFICE	PSI	5 MPH	6 MPH	7 MPH	8 MPH
<b>001</b> .026 WHITE	15	2.4	2.0	1.7	1.5
	20	2.8	2.3	2.0	1.8
	30	3.4	2.9	2.5	2.1
	40	4.0	3.3	2.8	2.5
<b>0015</b> .031 BLACK	15	3.6	3.0	2.6	2.3
	20	4.7	3.5	3.0	2.6
	30	5.1	4.3	3.7	3.2
	40	5.9	5.0	4.7	3.7
<b>002</b> .036 SILVER	15	4.8	4.0	3.5	3.0
	20	5.6	4.7	4.0	3.5
	30	6.9	5.7	4.9	4.3
	40	7.9	6.6	5.7	5.0
<b>003</b> .041 NEON ORANGE	15	7.3	6.1	5.2	4.5
	20	8.4	7.0	6.0	5.3
	30	10.3	8.6	7.4	6.4
	40	11.9	9.9	8.5	7.4
<b>004</b> .047 NEON GREEN	15	9.7	8.1	6.9	6.1
	20	11.2	9.3	8.0	7.0
	30	13.7	11.4	9.8	8.6
	40	15.8	13.2	11.3	9.9
<b>005</b> .053 GOLD METALLIC	15	12.1	10.1	8.7	7.6
	20	14.0	11.7	10.0	8.8
	30	17.2	14.3	12.3	10.7
	40	19.8	16.5	14.1	12.4
<b>006</b> .058 PLUM PURPLE	15	14.5	12.1	10.4	9.1
	20	16.8	14.0	12.0	10.5
	30	21	17.2	14.7	12.9
	40	24	19.8	17.0	14.9
<b>008</b> .067 APPLE RED	15	19.4	16.2	13.9	12.1
	20	22	18.7	16.0	14.0
	30	27	23	19.6	17.2
	40	32	26	23	19.8
<b>010</b> .073 SKY BLUE	15	24	20	17.3	15.2
	20	28	23	20	17.5
	30	34	29	25	21
	40	40	33	28	25
<b>015</b> .092 BERRY PINK	15	36	30	26	23
	20	42	35	30	26
	30	51	43	37	32
	40	59	50	42	37
<b>020</b> .103 SUN YELLOW	15	48	40	35	30
	20	56	47	40	35
	30	69	57	49	43
	40	79	66	57	49
<b>030</b> 9/64 WALNUT BROWN	15	73	61	52	45
	20	84	70	60	53
	30	103	86	73	64
	40	119	99	85	74
<b>040</b> 5/32 DEEP BLUE	15	97	81	69	61
	20	112	93	80	70
	30	137	114	98	86
	40	158	132	113	99

#### WHERE TABLES ARE BASED ON 30" NOZZLE SPACING

OTHER SPACING	26"	28"	32"	34"	36"	38"	40"	42"	44"
CONVERSION FACTOR	1.15	1.07	.94	.88	.83	.79	.75	.71	.68