FARM IMPLEMENT REPAIR PARTS

Disc Harrow and Tillage • Planter and Grain Drill

SMA WEST

BOOK 1

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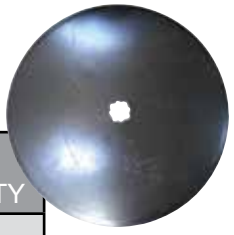
Disc Blades Smooth Edge

Made to Same Specifications as Many
OEM Disc Harrow Manufacturers



PART NO.	THICKNESS		AXLE SIZE	CONCAVITY
	INCH or GA.	MM		
16 INCH DIAMETER				
114-16090203P	9	3.5	1” X 1-1/8” Square	1.5”
114-160903P	9	3.5	1-1/8” Square	1.5”
18 INCH DIAMETER				
114-18070203P	7	4.5	1” X 1-1/8” Square	1.63”
114-180703P	7	4.5	1-1/8” Square	1.63”
114-180940P	9	3.5	Pilot Hole	1.63”
114-18090102P	9	3.5	7/8” X 1” Square	1.63”
114-18090203P	9	3.5	1” X 1-1/8” Square	1.63”
114-180903P	9	3.5	1-1/8” Square	1.63”
114-183603P	.197”	5	1-1/8” Square	1.63”
114-181403P	.236”	6	1-1/8” Square	1.63”
20 INCH DIAMETER				
114-20070203P	7	4.5	1” X 1-1/8” Square	1.88”
114-200703P	7	4.5	1-1/8” Square	1.88”
114-203603P	.197”	5	1-1/8” Square	1.88”
114-201423P	.25”	6	2” Round	2.0”
22 INCH DIAMETER				
114-220703P	7	4.5	1-1/8” Square	2.5”
114-220705P	7	4.5	1-1/2” Square	2.5”
114-22360203P	.197”	5	1” X 1-1/8” Square	2.5”
114-223603P	.197”	5	1-1/8” Square	2.5”
114-223605P	.197”	5	1-1/2” Square	2.5”
114-221403P	.236”	6	1-1/8” Square	2.5”
114-221405P	.236”	6	1-1/2” Square	2.5”
114-221423P	.25”	6	2” Round	2.5”
24 INCH DIAMETER				
114-243640P	.197”	5	Pilot Hole	2.8”
114-243603P	.197”	5	1-1/8” Square	2.8”
114-243605P	.197”	5	1-1/2” Square	2.8”
114-243618P	.197”	5	1-3/4” Round	2.8”
114-241440P	.236”	6	Pilot Hole	2.8”
114-241403P	.236”	6	1-1/8” Square	2.8”
114-241405P	.236”	6	1-1/2” Square	2.8”
114-241423P	.236”	6	2” Round	2.8”

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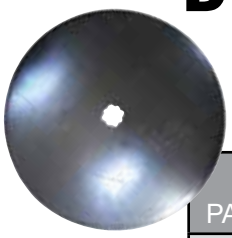
Disc Blades Smooth Edge Cont.



Made to Same Specifications as Many
OEM Disc Harrow Manufacturers.

PART NO.	THICKNESS INCH or GA.	THICKNESS MM	AXLE SIZE	CONCAVITY
26 INCH DIAMETER				
114-26140317P	.236”	6	1-1/8” x 1-1/4” Square	4”
114-261417P	.236”	6	1-1/4” Square	4”
114-261405P	.236”	6	1-1/2” Square	4”
114-26561706P	.315”	8	1-1/4” Sq x 1-1/2” Rnd	4”
114-26560518P	.315”	8	1-1/2” Sq x 1-3/4” Rnd	4”
114-26564223P	.315”	8	1-3/4” Sq x 2” Rnd	4”
114-265640P	.315”	8	Pilot Hole	4”
28 INCH DIAMETER				
114-281440P	.236”	6	Pilot Hole	4.25”
114-281405P	.236”	6	1-1/2” Square	4.25”
114-28140511P	.236”	6	1-1/2” Sq X 1-5/8” Rd	4.25”
114-285640P	.315”	8	Pilot Hole	4.25”
114-285605P	.315”	8	1-1/2” Square	4.25”
114-28560511P	.315”	8	1-1/2” Sq X 1-5/8” Rd	4.25”
32 INCH DIAMETER				
114-325640P	.315”	8	Pilot Hole	4.75”
114-321040P	.398”	10	Pilot Hole	4.75”
114-321046P	.398”	10	2-1/4” Square	4.75”

Disc Blades Notched Edge

Made to Same Specifications as Many
OEM Disc Harrow Manufacturers.

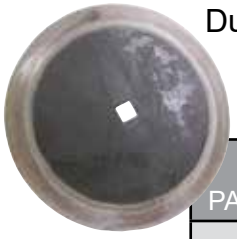
PART NO.	THICKNESS INCH / GA.	THICKNESS MM	AXLE SIZE	CONCAVITY
16 INCH DIAMETER				
114-16090102N	9	3.5	7/8” Sq x 1” Sq	1.5”
114-16090203N	9	3.5	1” x 1-1/8” Square	1.5”
18 INCH DIAMETER				
114-18090102N	9	3.5	7/8” x 1” Square	1.63”
114-18090203N	9	3.5	1” x 1-1/8” Square	1.63”

Disc Blades Notched Edge Cont.

PART NO.	THICKNESS INCH / GA.	THICKNESS MM	AXLE SIZE	CONCAVITY
22 INCH DIAMETER				
114-220703N	7	4.5	1-1/8” Square	2.5”
114-220718N	7	4.5	1-3/4” Round	2.5”
114-221440N	.236”	6	Pilot Hole	2.5”
114-221405N	.236”	6	1-1/2” Square	2.5”
114-223603N	3/16”	5	1-1/8” Square	2.5”
114-223605N	3/16”	5	1-1/2” Square	2.5”
24 INCH DIAMETER				
114-243603N	.197”	5	1-1/8” Square	2.8”
114-243605N	.197”	5	1-1/2” Square	2.8”
114-241403N	.236”	6	1-1/8” Square	2.8”
114-24140317N	.236”	6	1-1/8” x 1-1/4” Square	2.8”
114-241406N	.236”	6	1-1/2” Round	2.8”
114-241405N	.236”	6	1-1/2” Square	2.8”
26 INCH DIAMETER				
114-261440N	.236”	6	Pilot Hole	4”
114-26140317N	.236”	6	1-18/” x 1-1/4” Square	4”
114-261405N	.236”	6	1-1/2” Square	4”
114-26140518N	.236”	6	1-1/2” Sq x 1-3/4” Rnd	4”
114-26561706N	.315”	8	1-1/4” Sq x 1-1/2” Rnd	4”
28 INCH DIAMETER				
114-281440N	.236”	6	Pilot Hole	4.25”
114-281405N	.236”	6	1-1/2” Square	4.25”
114-285640N	.315”	8	Pilot Hole	4.25”
114-285605N	.315”	8	1-1/2” Square	4.25”
114-28560511N	.315”	8	1-1/2” Sq x 1-5/8” Rnd*	4.25”
114-285642N	.315”	8	1-3/4” Sq	4.25”
30 INCH DIAMETER				
114-305640N	.315”	8	Pilot Hole	—
32 INCH DIAMETER				
114-325640N	.315”	8	Pilot Hole	4.75”
114-321040N	.398”	10	Pilot Hole	4.75”
114-321046N	.398”	10	2-1/4” Square	4.75”
36 INCH DIAMETER				
114-361246N	.472”	12	2-1/4” Square	5”

* 1-5/8” Round Fits Rome Plow

Disc Blades Durafaced – Smooth and Notched



Durafaced is a Factory Applied Product for Maximum Extended Wear.

SMOOTH EDGE

PART NO.	THICKNESS INCH or GA.	THICKNESS MM	AXLE SIZE	CONCAVITY
24 INCH DIAMETER				
114-241403PDF	.236”	6	1-1/8” Square	2.8”
114-241405PDF	.236”	6	1-1/2” Square	2.8”
26 INCH DIAMETER				
114-261440PDF	.236”	6	Pilot Hole	4”
114-261405PDF	.236”	6	1-1/2” Square	4”
28 INCH DIAMETER				
114-281440PDF	.236”	6	Pilot Hole	4.25”
114-28140511PDF	.236”	6	1-1/2” Sq x 1-5/8” Rd	4.25”
114-285640PDF	.315”	8	Pilot Hole	4.25”
114-285605PDF	.315”	8	1-1/2” Square	4.25”
114-28560511PDF	.315”	8	1-1/2” Sq x 1-5/8” Rd	4.25”
30 INCH DIAMETER				
114-305640PDF	.315”	8	Pilot Hole	4.75”

NOTCHED EDGE

24 INCH DIAMETER				
114-241440NDF	.236”	6	Pilot Hole	2.8”
114-241403NDF	.236”	6	1-1/8” Square	2.8”
114-241405NDF	.236”	6	1-1/2” Square	2.8”
26 INCH DIAMETER				
114-261440NDF	.236”	6	Pilot Hole	4”
114-261405NDF	.236”	6	1-1/2” Square	4”
28 INCH DIAMETER				
114-281440NDF	.236”	6	Pilot Hole	4.25”
114-28140511NDF	.236”	6	1-1/2” Sq x 1-5/8” Rd	4.25”
114-285605NDF	.315”	8	1-1/2” Square	4.25”
114-28560511NDF	.315”	8	1-1/2” Sq x 1-5/8” Rd	4.25”
114-285642NDF	.315”	8	1-3/4” Square	4.25”
30 INCH DIAMETER				
114-30560511NDF	.315”	8	1-1/2” Sq x 1-5/8” Rd	4.75”
32 INCH DIAMETER				
114-325646NDF	.315”	8	2-1/4” Square	4.75”
114-321040NDF	.398”	10	Pilot Hole	4.75”
114-321046NDF	.398”	10	2-1/4” Square	4.75”

Disc Blades Durafaced

RAISED FLAT CENTER and ROME STYLE

Durafaced is a Factory Applied Product
for Maximum Extended Wear.

RAISED FLAT CENTER

PART NO.	THICKNESS		AXLE SIZE	CONCAVITY
	INCH or GA.	MM		
PLAIN 28 INCH DIAMETER				
114-281405FPDF	.236”	6	1-1/2” Square	3.88”
NOTCHED 28 INCH DIAMETER				
114-281405FNDF	.236”	6	1-1/2” Square	3.88”
114-285605FNDF	.315”	8	1-1/2” Square	3.88”
NOTCHED 32 INCH DIAMETER				
114-327542FNDF	.295”	7.5	1-3/4” Square	4.8”

ROME STYLE

PLAIN 28 INCH DIAMETER				
114-285611SPDF	.315”	8	1-5/8” Round	2.88”
PLAIN 30 INCH DIAMETER				
114-30560511SPDF	.315”	8	1-1/2” Sq x 1-5/8” Rnd	3.3”
NOTCHED 28 INCH DIAMETER				
114-285611SNDF	.315”	8	1-5/8” Round	2.88”
NOTCHED 30 INCH DIAMETER				
114-30560511SNDF	.315”	8	1-1/2” Sq x 1-5/8” Rnd	3.3”
NOTCHED 32 INCH DIAMETER				
114-329088RNDF	.354”	9	2-1/8” Round Dimpled	4.75”

Disc Blades Raised Flat Center

Made to Same Specifications as Many OEM Disc Harrow Manufacturers.

SMOOTH EDGE

PART NO.	THICKNESS		AXLE SIZE	CONCAVITY
	INCH or GA.	MM		
22 INCH DIAMETER				
114-220703FP	7	4.5	1-1/8” Square	2.5”
24 INCH DIAMETER				
114-241406FP	.25”	6	1-1/2” Round	3”
26 INCH DIAMETER				
114-261405FP	.236”	6	1-1/2” Square	3.19”
28 INCH DIAMETER				
114-281405FP	.236”	6	1-1/2” Square	3.88”
114-285605FP	.315”	8	1-1/2” Square	3.88”
32 INCH DIAMETER				
114-325642FP	.315”	8	1-3/4” Square	4.8”

NOTCHED EDGE

24 INCH DIAMETER				
114-241405FN	.236"	6	1-1/2" Square	2.8"
26 INCH DIAMETER				
114-261405FN	.236"	6	1-1/2" Square	3.19"
28 INCH DIAMETER				
114-281405FN	.236"	6	1-1/2" Square	3.88"
114-285605FN	.315"	8	1-1/2" Square	3.88"
32 INCH DIAMETER				
114-325642FN	.315"	8	1-3/4" Square	4.8"

Disc Blades Deep Cone

FOR JOHN DEERE®

PART NO.	THICKNESS		AXLE SIZE	CONCAVITY
	INCH or GA.	MM		
PLAIN — 24 INCH DIAMETER				
114-241440CP	.236”	6	Pilot Hole	4.17”
PLAIN — 26 INCH DIAMETER				
114-261440CP	.236”	6	Pilot Hole	4.72”
114-261403CP	.236”	6	1-1/8” Square	4.72”
NOTCHED — 26 INCH DIAMETER				
114-261405CN	.236”	6	1-1/2” Square	4.72”

Disc Blades Rome

STANDARD and SHALLOW CONCAVITY
SMOOTH and NOTCHED EDGE

STANDARD CONCAVITY

"R" in Suffix Indicates Rome Dimples

PART NO.	THICKNESS		AXLE SIZE	CONCAVITY
	INCH or GA.	MM		
PLAIN 28 INCH DIAMETER				
114-28560511P	.315"	8	1-1/2" Sq x 1-5/8" Rnd	4.25"
PLAIN 32 INCH DIAMETER				
114-329088RP	.374"	9.5	2-1/8" Round	4.75"
NOTCHED 28 INCH DIAMETER				
114-28560511N	.315"	8	1-5/8" Round	4.25"
NOTCHED 32 INCH DIAMETER				
114-329088RN	.374"	9.5	1-5/8" Round	4.75"
NOTCHED 36 INCH DIAMETER				
114-361290RN	.475"	12	2-1/2" Round	5.0"

SHALLOW CONCAVITY

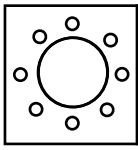
PLAIN 28 INCH DIAMETER				
114-285611SP	.315"	8	1-5/8" Round	2.88"
PLAIN 30 INCH DIAMETER				
114-305611RSP	.315"	8	1-5/8" Round	3.3"
NOTCHED 28 INCH DIAMETER				
114-285611SN	.315"	8	1-5/8" Round	2.88"
NOTCHED 30 INCH DIAMETER				
114-305611RSN	.315"	8	1-5/8" Round	3.3"
NOTCHED 32 INCH DIAMETER				
114-329088RSN	.374"	9.5	2-1/8" Round	3.75"

Coulter Blades – Fluted

- Good Penetration and Cutting
- Good for Varying Conditions
- Moderate Soil Disturbance and Tilling Action
- Dual 4-Bolt Pattern Fits Both 5” and 5-1/4”

Will Fit: Adams, Bigham Bros., DMI, Great Plains, KBH, Kinze, Landoll, Marliss, Melroe, Oliver/White, Sukup, Unverferth, Wilrich, Yetter and Others.

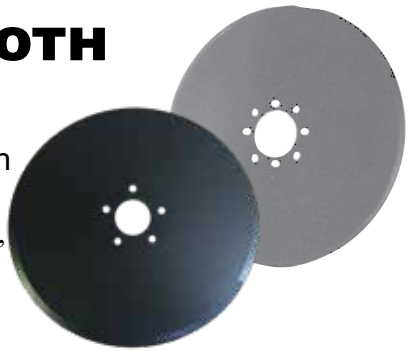
PART NO.	DESCRIPTION / APPLICATION
845-F174512	17” x 4.5mm (7 ga) Replaces F17401, F17402.
845-F204512	20” x 4.5mm (7 ga) Replaces F20451, F20452 and Yetter 2571-076.



Center Hole: 4”
Bolt Circle: 5 & 5.25”
Bolt Holes: 8
Bolt Size: 1/2”

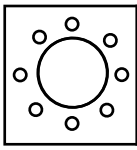
Coulter Blade – Smooth

- Good Penetration and Cutting
- Virtually No Soil Disturbance or Tilling Action



Will Fit: Acra Plant, Ag Systems, Bigham Bros., Caldwell-Hamby, DMI, Flexi Coil, Harrell, Landoll, Marliss, Melroe Tufline, Monroe, Noble, Sunflower, Thurston/Blu Jet Tye, United Farm Tools, Wetherell, Wiese, Wilrich, York Agri Products and Others.

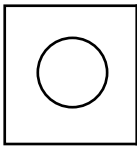
PART NO.	DESCRIPTION / APPLICATION
845-P204512	20” x 4.5mm (7 ga) Has Dual 4-Bolt Pattern for 5” & 5-1/4”.



Center Hole: 4”
Bolt Circle: 5 & 5.25”
Bolt Holes: 8
Bolt Size: 1/2”

Will Fit: Allis Chalmers Mini Till, Bush Hog Soil Hog, Case IH, DMI, Ford, Glencoe/Farmland Soil Saver, Hiniker, Kent, Landoll, Noble.

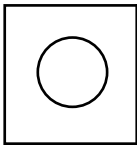
PART NO.	DESCRIPTION / APPLICATION
845-P20505	20” x 5mm (3/16”)



Center Hole: 1.5”
Bolt Circle: N/A
Bolt Size: N/A

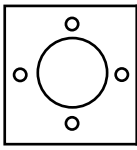
Will Fit: Krause Dominator

PART NO.	DESCRIPTION / APPLICATION
845-P256518	25” x 6.5mm Plain Coulter



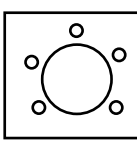
Center Hole: 1 3/4”
Bolt Circle: N/A
Bolt Size: N/A

PART NO.	DESCRIPTION / APPLICATION
845-P22149	22” x 6.35mm, Double Bevel, for CNH Air Seeder. Replaces 306001A1.



Center Hole: 2.53”
Bolt Circle: 4”
Bolt Holes: 4
Bolt Size: 1/2”

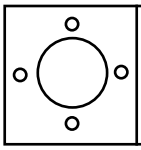
PART NO.	DESCRIPTION / APPLICATION
845-P28803	28” x 8mm Plain Coulter
845-FP28803	28” x 8mm Plain Coulter NEW



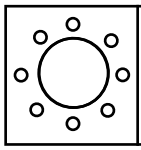
Center Hole: 4.05”
Bolt Circle: 5.5”
Bolt Holes: 5
Bolt Size: 1/2”

Coulter Blades – Ripple

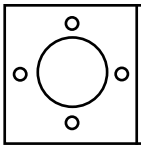
PART NO.	DESCRIPTION / APPLICATION
845-R16402	16" x 4mm (8ga) Yetter, Replaces 2571-161
845-R174512	17” x 4.5mm (7 ga) with Dual 4-Bolt Pattern, Fits 5” & 5-1/4” Bolt Circle. Will Fit Adams, Great Plains, KBH, Kinze, Marliss, Oliver/White, Sukup, Unverferth and others. Replaces KMC 16-050-007; CT511708.
845-R20452	20.4" x 4.5mm (7ga) Will Fit Adams, Great Plains, Kinze, Marliss, Oliver/White, Sukup, Unverferth, Yetter and others.
845-R20451	20" x 4.5mm (7ga) Will Fit Bigham Bros, DMI, KMC, Landoll, Melroe, Tye, UFT, Wilrich and others. Replaces DMI 33502043, KMC 16-050-004, Krause 30-251
845-R204512S	20.4" x 4.5mm (7ga) with Slotted Bolt Holes to Fit 5” & 5-1/4” Bolt Circle. Will Fit Adfams, Bigham Bros, DMI, Great Plains, Kinze, KMC, Landoll, Marliss, Melroe, Oliver/White, Sukup, Tye, UFT, Unverferth, Wilrich, Yetter and others. Replaces DMI 33502043, KMC 16-050-004, Krause 30-251
845-R204510	20" x 4.5mm (7ga) KMC, Replaces 03-050-042
845-R204511	20" x 4.5mm (7ga) Will Fit Unverferth and Rawson, Replaces 93934



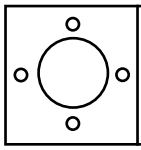
Center Hole: 4”
Bolt Circle: 5.25”
Bolt Holes: 4
Bolt Size: 1/2”



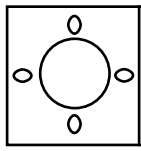
Center Hole: 4”
Bolt Circle: 5 & 5.25”
Bolt Holes: 8
Bolt Size: 1/2”



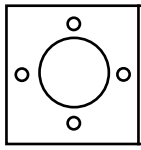
Center Hole: 4”
Bolt Circle: 5.25”
Bolt Holes: 4
Bolt Size: 1/2”



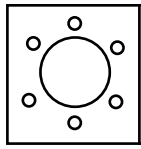
Center Hole: 3-11/16”
Bolt Circle: 5”
Bolt Holes: 4
Bolt Size: 1/2”



Center Hole: 4”
Bolt Circle: 5 & 5.25”
Bolt Holes: 4 (slotted)
Bolt Size: 1/2”



Center Hole: 2.53”
Bolt Circle: 3.63”
Bolt Holes: 4
Bolt Size: 3/8”



Center Hole: 3.8”
Bolt Circle: 5”
Bolt Holes: 6
Bolt Size: 3/8”

R204512S

R16402

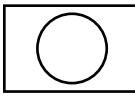
For Hubs See Section 17
SMA Catalog Book 2

Coulter Blades – Wavy

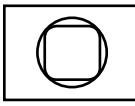
- Moderately Good Penetration
- Very Effective at Slower Speeds
- Good Cutting and Tilling Action

Will Fit: Acra Plant, Ag Systems, Bigham Bros., Caldwell-Hamby, DMI, Flexi Coil, Harrell, KMC, Landoll, Marliss, Melroe, Monroe Tufline, Noble, Sunflower, Thurston/Blu Jet Tye, United Farm Tools, Wetherell, Wiese, Wil Rich, York Agri Products and others.

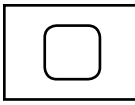
PART NO.	SIZE	DESCRIPTION / APPLICATION
Vertical Till		
845-W2050068	20" x 5mm (.197)	1.75” 8-Wave, Round Center Hole
845-W205005188	20" x 5mm (.197)	1.75” 8-Wave, Sq. x Rd. Center Hole
845-W205006	20" x 5mm (.197)	3/4” 13-Wave, Round Center Hole
845-W20500518	20" x 5mm (.197)	3/4” 13-Wave, Sq. x Rd. Center Hole
845-W20500317	20" x 5mm (.197)	1.75” 13-Wave, Sq. x Sq. Center Hole
Will Fit: Great Plains, KBH, Kinze, Marliss, Oliver/White, Unverferth, Yetter & others		
845-SMA9254	16” x 4mm (8ga)	3/4” 13-Wave. Replaces Kinze D9254
845-W174512	17” x 4.5mm (7ga)	3/4” 13-Wave. Dual 4-Bolt Pattern, Fits 5” & 5.25”
845-W205012	20" x 5mm (.197)	3/4” 13-Wave. Dual 4-Bolt Pattern, Fits 5” & 5.25”. Replaces 20451, W20452; Yetter 2571-076
Will Fit: John Deere MaxEmerge-2 & Plus, Pro, XP, XP-Pro, 1530, 1535		
845-W72678	16” x 4mm (.177)	3/4" 13-Wave, 5-Bolt Pattern
845-W72680	16” x 4mm (.177)	5/8” 25-Wave, 5-Bolt Pattern
Will Fit: KMC		
845-W174518	17” x 4.5mm (7ga)	1.75” 8-Wave. Replaces 16-050-009
845-W205018	20" x 5mm (.197)	2.0” 8-Wave. Replaces 16-050-028
Will Fit: Salford		
845-W174528	17” x 4.5mm (7ga)	1.75” 8-Wave. Replaces CT511708
845-W1745128	17” x 4.5mm (7ga)	1.25” 8-Wave, has Dual 4-Bolt Pattern Fits 5” & 5.25”. Replaces CT511708
845-W204528	20” x 4.5mm (7ga)	2.0” 8-Wave. Replaces CT5112008
845-W20508	20" x 5mm (.197)	1.75” 8-Wave, has Dual 4-Bolt Pattern Fits 5” & 5.25”. Replaces CT5112008
845-W225028	22" x 5mm (.197)	8-Wave, 4" Center Hole with 5.5" Bolt Circle, 5 Bolt-Hole Pattern. Replaces Salford CT512208
Will Fit: Unverferth/Rawson		
845-W17458	20” x 4.5mm (7ga)	0.83” 13-Wave. Replaces 93931
845-W20458	20” x 4.5mm (7ga)	1.0” 13-Wave. Replaces 93938
845-W205020	20" x 5mm (.197)	7/8” 13-Wave. Replaces 93938



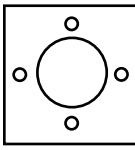
Center Hole: 1.50” rd.



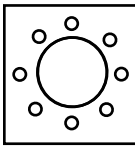
Center Hole:
1.50” sq. x 1.75” rd.



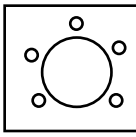
Center Hole:
1.125” sq. x 1.25” sq.



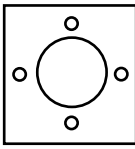
Center Hole: 4”
Bolt Circle: 5.25”
Bolt Holes: 4
Bolt Size: 1/2”



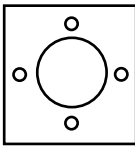
Center Hole: 4”
Bolt Circle: 5 & 5.25”
Bolt Holes: 8
Bolt Size: 1/2”



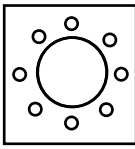
Center Hole: 2.125”
Bolt Circle: 4.75”
Bolt Holes: 5
Bolt Size: 1/2”



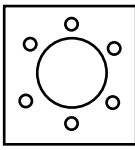
Center Hole: 3-11/16”
Bolt Circle: 5”
Bolt Holes: 4
Bolt Size: 1/2”



Center Hole: 4”
Bolt Circle: 5.25”
Bolt Holes: 4
Bolt Size: 1/2”



Center Hole: 4”
Bolt Circle: 5 & 5.25”
Bolt Holes: 8
Bolt Size: 1/2”



Center Hole: 3.81”
Bolt Circle: 5”
Bolt Holes: 6
Bolt Size: 3/8”

Vertical Tillage Blades – Samurai

The **Samurai Edge** excels on high speed vertical tillage because it uniquely sizes the residue back into the soil. Its design also stays sharp longer and positively turns with the tractor which descreases fuel consumption.

PART NO.	SIZE	DESCRIPTION / APPLICATION
SHALLOW CONCAVITY — High Speed Vertical Till		
114-22140518SSA	22” x 6.5mm	24 Wave Serrated Edge, 1.5” Square x 1.75” Round Center Hole, 2” Concavity. For John Deere® , Krause, Landol, Sunflower, and Other Disc Harrows or Tillage Tools for 1.5” Square or 1.75” Round Axle.
STANDARD CONCAVITY		
114-24140518SA	24” x 6mm	24 Wave Serrated Edge, 1.5” Square x 1.75” Round Center Hole, 2.8” Concavity
114-26140518SA	26” x 6.5mm	24 Wave Serrated Edge, 1.5” Square x 1.75” Round Center Hole, 3.5” Concavity

Directional Turbo–Till & Soil Rebel

PART NO.	SIZE	DESCRIPTION / APPLICATION
TURBO-TILL DESIGN — 5/8" Continuous Wave Height, For Vertical Till, Minimum & No Till Machines		
845-VT20500317	20" x 5mm	1-1/8" x 1-1/4" Sq. Center Hole
845-VT20500518	20" x 5mm	1.5" Sq. x 1.75" Rnd. Center Hole. Replaces Great Plains 820-261C
845-VT20650518	20" x 6.5mm	1.5" Sq. x 1.75" Rnd. Center Hole. Replaces Great Plains 820-011C
845-VT175012	17" x 5mm	4" Center Hole. Has 4 Slotted 1/2" Bolt Holes, Fits 5" & 5.25" Bolt-Circles. Fits Great Plains & Others. Replaces Great Plains 820-156C
845-VT185012S	18" x 5mm	4" Center Hole. Has 4 Slotted 1/2" Bolt Holes, Fits 5" & 5.25" Bolt-Circles. Fits Great Plains & Others. Replaces Great Plains 820-215C
SOIL REBEL — SHALLOW CONCAVITY, 25 WAVE		
845-SR22500518	22" x 5mm	Center Hole to Fit 1-1/2" Sq. x 1-3/4" Rnd. Shafts. Ideal for Shallow, High Speed Vertical Tillage Applications
845-SRF20501706	20" x 5mm	Center Hole to Fit 1-1/4"Sq. x 1-1/2" Rnd. Shafts, Flat Center. Ideal for Shallow, High Speed Vertical Tillage Applications.

SoilRebel

- Aggressive Wave Profile
- Shallow Concavity Produces High Speed Operation and Reduced Compaction

SRF

VT Wave

- Continuous Wave Height Design
- Design Allows for Easier Soil Penetration In Tough Conditions

Vertical Till Turbo® Blades - Original

For CNH True-Tandem™ 330 Turbo.

All blades are .256" (6.5mm) thick and have a 4.5" raised flat center.

PART NO.	REPLACES	AXLE SIZE	SIZE	CONCAVITY
114-SMA76495	87574695, 47654443	1-1/2" Round	16" LH	7/8"
114-SMA76498	87574698, 47654442	1-1/2" Round	16" RH	7/8"
114-SMA74699	87574699, 47654441	1-1/2" Round	18" LH	1"
114-SMA74703	87574703, 47654440	1-1/2" Round	18" RH	1"
114-SMA30573	87630573, 47654439	1-1/2" Round	20" LH	1-1/4"
114-SMA30572	87630572, 47654438	1-1/2" Round	20" RH	1-1/4"

Disc Blades – Turbo® Design

SAMURAI

FOR CNH TRUE-TANDEM™ 330, 335 TURBO

All blades are 6.5mm (.256") thick, 4.5" raised flat center, shallow concave.

PART NO.	REPLACES	DESCRIPTION / APPLICATION
	SAMURAI TURBO FLUTE	
114-SMA30573SA	87630573, 47654439	20" LH, Shallow 1-1/4" Concavity, 1-1/2" Round Axle, Raised Flat Center
114-SMA30572SA	87630572, 47654438	20" RH, Shallow 1-1/4" Concavity, 1-1/2" Round Axle, Raised Flat Center

Vertical Till Blades

PART NO.	REPLACES	DESCRIPTION / APPLICATION
		For Landoll
114-246518PR	142662	24" x 6.5mm Rollable Boron Steel Blade with 1.75" Center Hole, 3" Concavity.
		For Horsch Joker
114-4559503	04559503	20" x 6.5mm Notched Blade, Has Flat Center with No Hole, 5 Bolt Pattern on 4.2" Bolt Circle for 1/2" Bolts. For MT, PT, and RT Series.
		For Sunflower
114-206518SP	SN4662N	20" x 6.5mm Smooth with 1-3/4" Round Center Hole, Shallow Concavity.
		For McFarlane
114-M4477	RD4477	20" x 3/16" 5mm with 1-1/2" Square Center Hole, .95" Shallow Concavity.
114-M4479	RD4479	20" x 1/4" 6mm with 1-1/2" Square Center Hole, .95" Shallow Concavity.
		For Kuhn Krause
845-SRX226518	8014420	22" X 6.5 mm Soil Razor by Ingersoll. 1-3/4" Round Axle, 25 Flutes, Shallow Concavity, Reverse Crimp Center

246518PR

4559503

M4477

2065185SP

SRX226518

Disc Ripper Blades

Will Fit Case/NH, DMI, Ecolo Tiger, Sunflower,
Land Commander, Soil Commander

87443010

58934

PART NO.	DESCRIPTION / APPLICATION
845-84180366	18" x 3.5mm for Rear Leveling. 7" Flat Center, 2.53" Center Hole, 5" Bolt Circle with 4 Bolt Holes for 1/2" Carriage Bolts. Fits Ecolo Tiger, Replaces 84180366.
845-87443010	22" x 6.5mm 7" Flat Center, 4.1" Center Hole. 5.5" Bolt Circle with 5-Bolt Pattern for 1/2" Bolts. Fits Ecolo Tiger and Some Sunflower, Soil & Land Commanders. Replaces 87443010
845-87691879	24" x 6mm with 7" Raised Flat Center, 4" Center Hole, 5.5" Bolt Circle with 5-Bolt Pattern, Uses 1/2" Bolts. Fits CNH, DMI, 870, 875 Ecolo Tiger. Replaces CNH 87691879
114-58934	26" x 6mm, 7" Raised Flat Center. Fits 1.50" Square Axle for Gang Mounted Coulters. Fits 870, 875 Ecolo Tiger with Gang Mounted Coulters. Replaces 58934C3

84180366

87691879

FORGES DE NIAUX DISC BLADES

Forges De Niaux offers the Niaux 200 range of disc blades. Using Boron steel and a patented heat treatment process the Niaux 200 has a blade hardness of 58 HRC, which makes the disc blades 40% more efficient!

Notched Blades

PART NO.	DESCRIPTION
Square-Round Axle	
113-F26561706N	26 x 8mm, 1-1/4” Square x 1-1/2” Round
113-F26560317N	26 x 8mm, 1-1/8” Square x 1-1/4” Round
113-F28560511N	28 x 8mm, 1-1/2” Square x 1-5/8” Round
113-F30560511N	30 x 8mm, 1-1/2” Square x 1-5/8” Round
Round Rome	
113-F321088RN	32 x 10mm, 2-1/8” Round Rome
Round Shallow	
113-F305611SN	30 x 8mm, 1-5/8” Round Shallow

PART NO.	DESCRIPTION
Square Axle	
113-F241405N	24 x 6mm, 1-1/2”
113-F261405N	26 x 6mm, 1-1/2”
113-F26560317N	26 x 8mm, 1-1/8” x 1-1/4”
113-F281405N	28 x 6mm, 1-1/2”
113-F285640N	28 x 8mm, 1-1/4”
113-F321040N	32 x10mm, Pilot Hole 1-5/16”
113-F321046N	32 x 10mm, 2-1/4”
113-F361246N	36 x 12mm, 2-1/4”
Flat Center - Square Axle	
113-F261405FN	26 x 6mm, 1-1/2”
113-F281405FN	28 x 6mm, 1-1/2”
113-F285605FN	28 x 8mm, 1-1/2”
113-F325642FN	32 x 8mm, 1-3/4”

Smooth Blades

PART NO.	DESCRIPTION
Square-Round Axle	
113-F28140511P	28 x 6mm, 1-1/2” Square x 1-5/8” Round
113-F30560511P	30 x 8mm, 1-1/2” Square x 1-5/8” Round
Round Axle	
113-F285623P	28 x 8mm, 2”

PART NO.	DESCRIPTION
Square Axle	
113-F241405P	24 x 6mm, 1-1/2”
113-F261405P	26 x 6mm, 1-1/2”
113-F265640P	26 x 8mm, Pilot Hole
113-F281405P	28 x 6mm, 1-1/2”
113-F285605P	28 x 8mm, 1-1/2”
113-F321046P	32 x 10mm, 2-1/4”
Flat Center - Square Axle	
113-F261405FP	26 x 6mm, 1-1/2”
113-F281405FP	28 x 6mm, 1-1/2”
113-F285605FP	28 x 8mm, 1-1/2”

FORGES DE NIAUX DISC BLADES
WEAR-TUFF™ COATED

Wear-Tuff™ Coating:

- Extends the Life of Wear Items 4-6 Times Original Capacity
- Applied to hardness range: 60- 65 HRC
- Less Brittle than Tungsten Carbide, yet ductile enough to Provide Superior Performance in Rocky Soils
- Increase Uptime and Decreases Maintenance Costs of Equipment

Notched Blades

PART NO.	DESCRIPTION
Square Axle	
113-F261405NDF	26 x 6mm, 1-1/2”
113-F28140511NDF	28 x 6mm, 1-1/2” x 1-5/8”
113-F285605NDF	28 x 8mm, 1-1/2”
113-F285642NDF	28 x 8mm, 1-3/4”
113-F321046NDF	32 x 10mm, 2-1/4”
Flat Center - Square Axle	
113-F261405FNDF	26 x 6mm, 1-1/2”
113-F281405FNDF	28 x 6mm, 1-1/2”
113-F285605FNDF	28 x 8mm, 1-1/2” Raised
113-F325642FNDF	32 x 8mm, 1-3/4”

PART NO.	DESCRIPTION
Square-Round Axle	
113-F28560511NDF	28 x 8mm, 1-1/2” Square x 1-5/8” Round
113-F30560511NDF	30 x 8mm, 1-1/2 Square x 1-5/8” Round
Round Axle	
113-F281411NDF	28 x 6mm, 1-5/8”
113-F285640NDF	28 x 8mm, Pilot
113-F305611SNDF	30 x 8mm, 1-5/8”
113-F321040NDF	32 x 10mm, Pilot Hole
Round Rome	
113-F321088RNDF	32 x 9mm, 2-1/8”

Smooth Blades

PART NO.	DESCRIPTION
Square Axle	
113-F26140317PDF	26 x 1/4”, 1-1/8” x 1-1/4”
113-F261405PDF	26 x 6mm 1-1/2”
113-F281440PDF	28 x 6mm, 1-1/4” Square
113-F285605PDF	28 x 8mm, 1-1/2”
113-F285640PDF	28 x 8mm, Pilot Hole
113-F305640PDF	30 x 8mm, Pilot Hole

PART NO.	DESCRIPTION
Flat Center- Square Axle	
113-F261405FPDF	26 x 6mm, 1-1/2”
113-F281405FPDF	28 x 6mm, 1-1/2”
Sqaure-Round Axle	
113-F28140511PDF	28 x 6mm, 1-1/2” Square x 1-5/8” Round

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Hipper Parts 2-21
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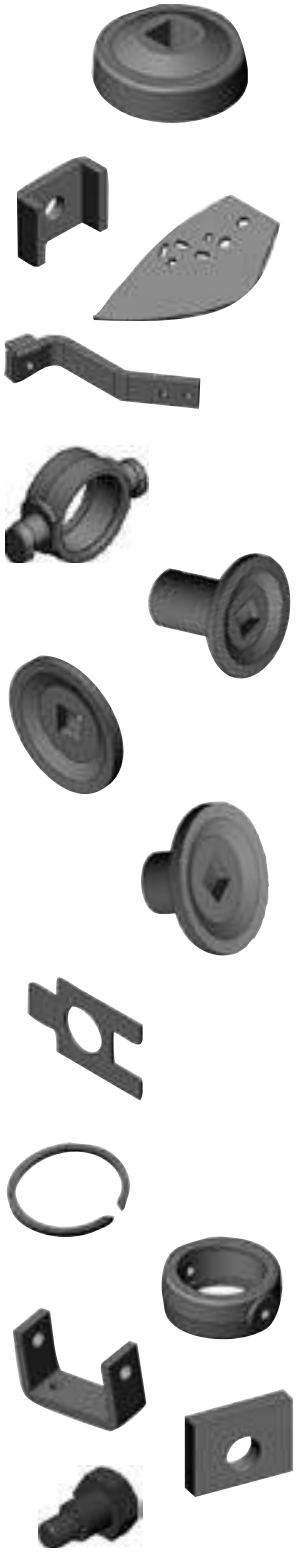
Utility Disc Harrow 2-20

Disc Harrow Parts For Allis Chalmers

FOR L-DISC 1-1/2”

PART NO.	REPLACES	DESCRIPTION
864-SMA410884	410884	End Washer Convex 2-1/4” Square
864-SMA410999	410999	Scraper Clip
864-SMA411000	411000	Scraper Blade
864-SMA411001	411001	Scraper Arm
864-SMA411812	411812	Trunnion Type Bearing Housing Only 1-1/2” Square
864-SMA411813	411813	Trunnion Type Complete Assembly 1-1/2” Square
864-SMA411814	411814	Half Spool Convex 1-1/2” Square
864-SMA411815	411815	Half Spool Concave 1-1/2” Square
864-SMA406660	406660	Half Spool Concave 1-1/2” Square on 9” Spacing
864-SMA406661	406661	Half Spool Convex 1-1/2” Square on 9” Spacing
864-SMA406666	406666	Lock Clip
864-SMA410968B	410968	Complete Assembly with Bearing and Strap
864-SMA406702	406702	Snap Ring
864-SMA407243	407243	Threaded Bearing Housing Only
864-SMA407244	407244	Bearing Strap
864-SMA407245	407245	Flat Washer
864-SMA410129	410129	Shoulder Bolt



– Continued next page –

Disc Harrow Parts For Allis Chalmers

FOR L-DISC 1-1/2” Cont.

PART NO.	REPLACES	DESCRIPTION
864-SMA407509	407509	Spacer Spool 1-1/2” Square on 9” Spacing
864-SMA410184	410184	Hub with Cups
864-SMA411915	411915	Hub with Cups, 8 Bolt with 8” Spacing
864-SMA410869	410869	End Washer Concave 1-1/2” Square
864-SMA411850	411850	Bearing Mounting Strap
864-SMA411854	411854	Bent Bearing Guard
864-SMA411984	411984	Bearing Strap
864-SMA412091	412091	Bearing Guard

FOR GWO-DISC 2-1/4”

PART NO.	REPLACES	DESCRIPTION
864-SMA411253	411253	Spacer Spool 2-1/4” Square x 12-5/8”
864-SMA411254	411254	Half Spool Concave, 2-1/4” Square
864-SMA411255	411255	Half Spool Convex, 2-1/4” Square
864-SMA411872	411872	Scraper Arm
864-SMA412870	412870	Scraper Blade

Disc Harrow Parts For Allis Chalmers

FOR GWO-DISC 2-1/4" Cont.

PART NO.	REPLACES	DESCRIPTION
864-SMA412348	412348	Bearing Cap with Guard, 2-1/4" Square
864-SMA412349	412349	Bearing Cap, 1-1/4" Square
864-SMA413014	413014	Spacing Washer, 2-1/4" Square
864-SMA812115	812115	Snap Ring
864-SMA413199	413199	Trunnion Type Housing Only, 2-1/4" Square
864-SMA413205	413205	Trunnion Type Complete Assembly, 2-1/4" Square

Disc Harrow & VT Parts For Case IH 330, 335, 340, 345

PART NO.	REPLACES	DESCRIPTION
864-SMA193907	193907A1	Bearing Housing for SBX1226. Also For 370, 690, 870
321-SBX1226	193906A1	Cushion Gang Bearing for SMA 193907 Housing.
747-87016938	87016938	Retaining (snap) Ring for SMA193907 Bearing Housing
444-SMA193929	193929A1	Bearing Retaining Washer for SMA193907 Housing
864-SMA195109	195109A1	Trunnion Bearing Mount, Also For 370, 690, 870
864-SMA197334	197334A1	Bushing for Trunnion Bearing Mount SMA195109
864-SMA1263631	1263631C1	Full Spool 7.5" Long for 1.5" Round Axle
864-SMA1263636	1263636C1	Half Spool 2.6" Long for 1.5" Round Axle
864-SMA101190	101190C1	Half Spool 3" Long for 1.5" Round Axle
864-SMA14	652412R1	Axle Sleeve 7.25" for Bearing Assembly

Disc Harrow Parts For Case IH

PART NO.	REPLACES	DESCRIPTION
FOR 1-1/8" AXLE		
864-SMA468584	468584R2, 1344908C1	Bumper washer for models 46, 48, 150, 330, 350, 370, 470, 475, 480, 485, 490 and 496.
864-SMA481611	481611R1	End washer for models 132, 150, 330, 350, 370, 470, 475, 480, 490, 496 and 610.
864-SMA4167	PA4167	End washer for models 470-490
864-SMA472592	472592R3	1-5/8" Spool, square hole with machined bearing surface, for models 37, 46, 48, 60, 61, 120, 122, 130, 132, 150, 330, 350, 370, 470, 480 and 490 with 7-1/2” spacing.
864-SMA472593	472593R3	3" Spool, square hole with machined bearing surface for models 37, 46, 48, 60, 61, 76, 120, 122, 130, 132, 150, 330, 350, 370, 470, 480, 490, 610, 760 with 9” spacing.
864-SMA472591	472591R3	4" Spool, square hole with machined bearing surface, for models 37, 46, 48, 60, 61, 76, 120, 122, 130, 132, 150, 330, 350, 370, 470, 480, 490, 610 and 760 with 7-1/2” spacing.
864-SMA481416	481416R1	7-1/2" Spool, square hole with machined bearing surface, for models 46, 48, 60, 61, 120, 122, 130, 132, 150, 330, 350, 370, 470, 475, 480, 485, 490 and 496 with 7-1/2" spacing.
864-SMA481417	481417R1	9" Spool, square hole with machined bearing surface, for models 37, 46, 48, 60, 61, 120, 122, 130, 132, 150, 330, 350, 370, 470, 475, 480, 485, 490, 496, 610 and 760 with 9" spacing.
864-SMA101189	101189C1	1-5/8" Spool, round hole with machined bearing surface, for models 350, 370, 470, 475, 480, 490 and 496 with 7-1/2" and 9" spacing.
864-SMA101190	101190C1	3" Spool, round hole with machined bearing surface, for models 132, 350, 370, 470, 475, 480, 485, 490, 496, 3900 and 3950 with 9" spacing.
864-SMA101191	101191C1	4" Spool, round hole with machined bearing surface, for models 132, 350, 370, 470, 475, 480, 485, 490, 496, 3900 and 3950 with 7-1/2" and 9" spacing.

Disc Harrow Parts For Case IH

PART NO.	REPLACES	DESCRIPTION
	FOR 1-1/2" AXLE	
864-SMA139918	139918C1	9" Spool, round hole with machined bearing surface, for model 3900.
864-SMA549977	549977R1	4-1/8" X 1-1/2" Square hole spool with machined bearing surface for models 500, 501, 596, 770.
864-SMA549976	549976R1	Spool for models 500, 501, 596, 770.
864-SMA549973	549973R1	End washer for models 500, 501, 596, 770.
864-SMA549975	549975R1, 60615C1	Bumper washer for models 500, 501, 596, 770.
	BEARINGS	
308-DHU491A	ST491A, FD209TTRJA	Riveted flange bearing for models 37, 46, 48, 60, 61, 120, 122, 130 132, 150, 330, 350, 370, 470, 475, 480, 485, 490, 496, 610 and 760. 1.77" Round ID, 2-3/16" OD tube. Fafnir
851-SMA491A	ST491A, FD209TTRJA	Riveted flange bearing for models 37, 46, 48, 60, 61, 120, 122, 130 132, 150, 330, 350, 370, 470, 475, 480, 485, 490, 496, 610 and 760. 1.77" Round ID 2-3/16" OD tube. AgSmart
308-DHU2316R211	ST740B, FD211RJA	Riveted flange bearing for models 500, 501, 596, 770 and 780. 2.188" Round ID. Fafnir
851-SMA211B	ST740B, FD211RJA	Riveted flange bearing for models 500, 501, 596, 770 and 780. 2.188" Round ID. AgSmart
864-SMA129753HD	129753C1	Heavy duty wear guard for ST740B bearing. Used on models 500, 501, 596, 770, 780

FAFNIR®

AgSmart Bearings
Carry a Two Year Warranty

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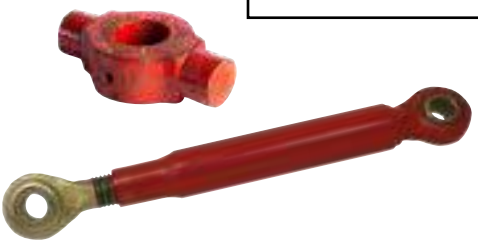
Disc Harrow Parts For Case IH



PART NO.	REPLACES	DESCRIPTION
864-SMA12	652383R1 5480	5-1/16” Sleeve for models 37, 46, 48, 60, 61, 120, 122, 130, 132, 150, 330, 350, 370, 470, 480 and 490 with 7-1/2” spacing. Used with 472591 and 472592.
864-SMA13	472594R1 6480	6-1/16” Sleeve for models 37, 46, 48, 60, 61, 76, 120, 122, 130, 132, 150, 330, 350, 370, 470, 480, 490, 610, 760 with 9” spacing. Used with 472591 and 472593.
864-SMA14	652412R1 7140	7-1/4” Sleeve for models 350, 370, 470, 475, 480, 490, 496 with 7-1/2” spacing. Used with 101189, 101191.
864-SMA15	112410C1 7480	8-3/4” Sleeve for models 132, 350, 370, 470, 475, 480, 485, 490 and 496 with 9” spacing. Used with 101190, 101191.
864-SMA18	549971R1 8450	5-7/8” Sleeve for models 500, 501, 596, 770, 780. Used with 549977 spool.
864-SMAP34102	87412142	Slack washer for 1-1/2” round axle, 1/4” thick.
864-SMAP34103	—	Slack washer for 1-1/8” square axle, 1/4” thick.
864-SMAP34105	—	Slack washer for 1-1/8” square axle, .10” thick.
864-SMA129532	129532C2 GS400	Gang bearing standard for models 475, 490, 496, 3800, 3850, 3900, 3950 and RMX340.
864-SMA491921	491921R1	Wheel shaft bearing for models 48, 470, 475, 480, 490, 496, 500 and 610.
864-SMA60134	60134C1	Hitch leveling trunion with grease fitting for models 475, 490, 496, 501, 596, 3900 leveling assemby.
873-16924	60420C2, 60423C2	Leveling link assembly with one threaded end. 13-1/2” closed on-center, 7/8” diameter pin hole.

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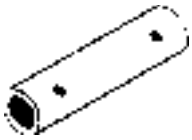
Disc Harrow Parts For Case IH

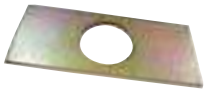
PART NO.	REPLACES	DESCRIPTION
982-465493	465493R2	Hub with cups, bolts and grease fitting for transport wheel assembly on models 48, 470, 475, 480, 490, 500, 501, 610, 760, 770, early 496 (1987 and before).
982-606468	606468R21 IH468H	Hub with cups for the transport wheel assembly on models 770, 780, 3900 and late 496 (after 1987).
982-909970	663906R1	Hub cap for 606468 hub.
982-478375	478375R1	Spindle 1-3/4” diameter for 465493 hub.
982-1978726	1978726C1 IH468S	Spindle for 606468 hub.
982-283740	B91354 IH493HSA	Hub assembly; includes hub 465493 and spindle 478375.
982-912951	70120D	Spindle nut 7/8” -14 slotted for 1978726 spindle.
982-912945	69442D	Spindle nut for 478375 spindle.
982-913608	369857R1	Spindle washer for 478375 spindle.
982-913612	469873R1	Spindle washer 7/8” for 1978726 spindle.
864-SMA9801	481474R93	Spindle tube (weld-in) for models 48, 470, 480, 490, 500, 610 transport wheel axle assembly.
913-TKR5KITP	63881C91	Bearing kit for transport wheel hub, contains:
LM48510	371883R1	Inner bearing cup
LM48548	371882R91	Inner bearing cone
M12610	618024R1	Outer bearing cup
M12649	618023R91	Outer bearing cone
SMA200886	667599R92	Seal
SMA667564	654675R1	Seal retainer
909917	663908R1	Dust cap
864-SMA63881P		Same as TKR5KITP but with AgSmart bearings
913-TKR6KITP	123096A2	Bearing kit for 606468 hub, contains: IH468BK
LM501310	663558R1	Inner bearing cup
LM501349	663557R91	Inner bearing cone
LM67010	651817R1	Outer bearing cup
LM67048	651815R91	Outer bearing cone
19844	594702R91	Seal
79941	594703R1	Seal retainer
909970	663906R1	Cap
864-SMA123096P		Same as TKR6KITP but with AgSmart bearings



Disc Harrow Parts For Case IH

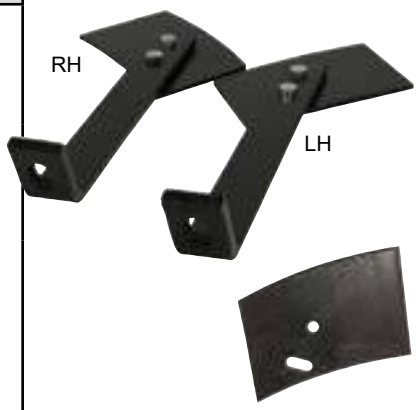
NOTE: Length is Measured from under the Head to End of Thread

PART NO.	REPLACES	LENGTH
1-1/8” SQUARE AXLES		
868-SMA468607	468607R1	39.8”
868-SMA471014	471014R1	49.5”
868-SMA471015	471015R1	57.6”
868-SMA652939	652939R2	67.4”
868-SMA472586	472586R2	71.9”
868-SMA468582	468582R2	76.4”
868-SMA468583	468583R2	79.4”
868-SMA481844	481844R1	85.5”
868-SMA487168	487168R1	95”
868-SMA588329	58829C1	103.4”
868-SMA546831	546831R1	112.5”
868-SMA57000	57000C1	121.5”
864-SMAP34101	P34101	Gang Bolt Lock Tab
1-1/2” SQUARE AXLES		
868-SMA58831	58831C1	47.3”
868-SMA549978	549978R1	57.9”
868-SMA549979	549979R1	68.2”
868-SMA549980	549980R1	78.9”
868-SMA549981	549981R1	89.4”



Disc Harrow Parts For Case IH

PART NO.	REPLACES	DESCRIPTION
	SCRAPERS	
864-CB480AL	483139R92	Left hand front (right rear) gang scraper assembly for model 480.
864-CB480AR	483140R92	Right hand front (left rear) gang scraper assembly for model 480.
864-CB480	483096R2, 4801	Scraper blade for models 350, 370, 470, 475, 480 and 490.
864-CB485AL	121195C91	Left hand scraper assembly for model 485
864-CB485AR	121196C91	Right hand scraper assembly for model 485
864-CB496AL	121119C92, 4903	Left hand front (right rear) gang scraper assembly for model 490 and 496.
864-CB496AR	121120C92, 4902	Right hand front (left rear) scraper assembly for model 490 and 496.
864-CB496	121118C1, 4901	Scraper blade only for CB485AL, CB485AR, CB496AL, CB496AR, SMA19538 and SMA19539 assemblies.
864-SMA121470	121470C92	LH Scraper assembly for models 500, 501, 596, 770, 780.
864-SMA121471	121471C92	RH Scraper assembly for models 500, 501, 596, 770, 780.
864-SMA121469	1214169C1	Scraper blade for models 500, 501, 596, 770, 780.



CB485 & CB496

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Disc Harrow Parts For Domries

PART NO.	REPLACES	DESCRIPTION
864-DK81	K-81	Bearing Housing Weldment 1-1/8” Square
864-DX81	X-81	Bearing Housing Weldment 1-1/2” Square
864-DK80AKIT	K-80-A	Bearing Housing Complete Assembly 1-1/8” Square
864-DX80A	X-80-A	Bearing Housing Complete Assembly 1-1/2” Square
864-DX81C	X-81-C	Bearing Housing Casting Only 1-1/2” Square
864-DOFNX81134	OFNX-81-1-3/4	Bearing Housing Only 1-3/4” Square
864-DJTL80	JTL-80	Spacer Spool 1-1/8” Square on 9” Spacing
864-DX90	X-90	Spacer Spool 1-1/2” Square on 9” Spacing
864-DK83	K-83	Half Spool Concave 1-1/8” Square
864-DK84	K-84	Half Spool Convex 1-1/8” Square
864-DOF83SS	OF-83SS	Half Spool Convex 1-1/2” Square
864-DXJ83	XJ-83	Half Spool Concave 1-1/2” Square
864-DOF84L	OF-84-L	Half Spool Convex 1-1/2” Square x 10-1/2”
864-DXJ84	XJ-84	Half Spool Convex 1-1/2” Square
864-DK86	K-86	Stop Ring
864-DX86	X-86	Retainer Ring

Disc Harrow Parts For Domries

PART NO.	REPLACES	DESCRIPTION
864-DJDE18	JDE-18	End Washer Convex, 1-1/8” Square
864-DJDE19	JDE-19	End Washer Concave, 1-1/8” Square
864-DJXE18	JXE-18	End Washer Convex, 1-1/2” Square
864-DJXE19	JXE-19	End Washer Concave, 1-1/2” Square
864-DK88	K-88	Wear Plate
864-DGR118	GR118	Axle Cap, Weld-on
864-DGR4	GR4	Gang Axle 4 Blade, 1-1/8” Square on 9” Spacing
864-DGR5	GR5	Gang Axle 5 Blade, 1-1/8” Square on 9” Spacing
864-DAGR4	XGR-4	Gang Axle 4 Blade, 1-1/2” Square on 9” Spacing
864-DXGR5	XGR-5	Gang Axle 5 Blade, 1-1/2” Square on 9” Spacing
864-DLTD17	LTD-17	Center Shank 3/4”
DISC RIDGER PARTS		
864-DBD83	BD-83	Border Disc Half Spool Concave, 1-1/8” Square 3 Blade
864-DBD84	BD-84	Border Disc Half Spool Convex, 1-1/8” Square 3 Blade
864-DBD11222	BD-11222	Border Disc Bearing Housing Only 1-1/2” Square
864-DSH301KIT	DSH-301	Hub Assembly Complete with Spindle
864-DSH302	DSH-302	Hub with Cups

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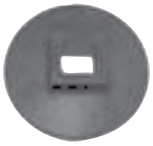
Disc Harrow Parts For John Deere®



SMA22394

SMA240886

PART NO.	REPLACES	DESCRIPTION
864-SMA25694	A25694	Bumper Washer, Fits Models 100, 105, 110, 111, 115, 210, 215, 220, 230, 235, 620, 630, 635, 637, 640, 650 Series Disc. Fits 700 Series Mulch Finisher and 955 Ripper.
864-SMA20621	N241315 A20621	Spool, 1-7/8” Fits Models with 7-1/4” and 9” Spacing. Fits 600 Series Disc, 700 Series Mulch Finishers.
864-SMA20622	N241318 A20622	Spool, 3.8” Fits Models with 7-1/4” Spacing.
864-SMA37023	N241314 A37023	Spool, 5-1/2” Fits Models with 9” Spacing. Fits 200 600 Series Disc, 700 Series Mulch Finishers.
864-SMA28448	AN183629	Double Spool, Fits Models with 9” Spacing. Fits M600 Series Disc, 714 Mulch Tiller.
864-SMA28369	AN183748	Double Spool, Fits Models with 7-1/4” Spacing. Fits 600 Series Disc, 724, 726 Mulch Finishers.
864-SMA11650	B11650	Front Bumper Washer for 630 Disc.
864-SMA20441	A20441	Rear Bumper Washer for 630 JD Disc
864-SMA241320	N241320 N262576	Spacer for 635 Middlebreaker Disc.
864-SMA16	A20647	Sleeve, 6-11/16” Fits Models with 7-1/4” Spacing. For 200, 600 Series Disc, 700 Series Mulch Finishers.
864-SMA17	A20648	Sleeve, 8-1/2” Fits Models with 9” Spacing. For 200, 600 Series Disc, 700 Series Mulch Finishers.
864-SMAP34102	P34102	Slack Washer for 1-1/2” Round Axle, 1/4” Thick.
864-SMAP34103	P34103	Slack Washer for 1-1/8” Square Axle, 1/4” Thick.
864-SMAP34105	P34105	Slack Washer for 1-1/8” Square Axle, .10” Thick.
SCRAPERS		
864-SMA22394	A22394	Scraper Blade for Models 310, 330, 331, 340, 350, 360, 370 Disc.
864-SMA38364	N242551 A38364	Scraper Blade for Models 215, 235, 315, 630, 635, 637 Disc; 512 Hipper, and 722 Mulch Finisher.
864-SMA240886	A240886	Scraper Arm RH Front, LH Rear for Model 630. Has 5/8” Standard Width Slot, Uses 5/16” Roll Pin. Also Fits 215, 235, 627, 635, 637 and 726 Mulch Finisher.
864-SMA240887	A240887	Scraper Arm LH Front, RH Rear for Model 630. Has 5/8” Standard Width Slot, Uses 5/16” Roll Pin. Also Fits 215, 235, 627, 635, 637 and 726 Mulch Finisher.

Disc Harrow Parts For John Deere®

PART NO.	REPLACES	DESCRIPTION
864-SMA188346	N188346	Tongue Hitch. Used on 640 Series Disc.
982-909970	–	Grease Cap for JD and C/IH Disc. Fits 496 Disc Harrow.
982-630S	–	Transport Wheel Spindle (Weld in required)
982-24325	AA24325	Transport Wheel Spindle for A27616 Hub. Fits 14 ft. and Over JD Plows
982-913538	JD16	Lug Bolt, 9/16”-18 for 183318 Hub and Transport Wheel (24325)
982-912952	14H1086	Slotted Nut, 7/8” for 630S
120-84616	K40018	Nylon Lock Nut Fine Thread for 24325 Spindle.
982-913607	D10134	Spindle Washer for 630S and 24325 Spindle
982-27616	A27616	Transport Wheel Hub, Fits Models 115, 210, 215, 220, 230, 235, 310, 315, 330, 331, 335, 340, 350, 355, 360, 370, 375, 440, 455, 1630 -1640 ASN 017301. Uses Bearing Kit SMA235BK
864-SMA235BK	–	Bearing Kit for Transport Wheel Hub (27616) Containing:
207KYY	88107	Ball Bearing (2)
SMA235B	28H2613	Bearing Spacer
27617	A27617	Snap Rings (2)
864-SMA630BK	–	Bearing Kit for Transport Wheel Hub (183318) Containing:
IM29710	JD8271	Inner Bearing Cup
IM29749	JD8988	Inner Bearing Cone
IM67010	JD8225	Outer Bearing Cup
IM67048	JD8187	Outer Bearing Cone
IM18030	AH20017	Grease Seal
SMA630R	B30887	Seal Retainer
909970	D10025	Grease Cap

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Disc Harrow Parts For John Deere®

DISC BEARING KITS

SMA241911K

Supplied as shown, includes all parts

PART NO.	REPLACES	DESCRIPTION
851-SMA241911K	AN241911 AAK16196	Kit Includes Bearing 2 SMA243180 Nylon Liners, Non-relube, O.D. 3.937", I.D. 2.195". For 2620, 2623, 2625 Disc; 2623VT; 2720 Discripper.
851-SMA30941	AA30941	Disc Bearing Kit Used on 210, 215, 220, 230, 235, 621, 627, 630 & 637 Disc Harrows.
851-SMA30942	AA30942	Disc Bearing Kit Used on 310, 315, 330, 331, 335, 340, 350, 355, 360, 512, 637, 640, 650 & 670 Disc Harrows.
WEAR GUARD		
864-SMA28474	A28474	Wear Guard for Disc Bearing. Used on 210, 215, 220, 225, 230, 235, 621, 630, 637 and 650.

AXLES 1-1/8” SQUARE FOR JOHN DEERE®

PART NO.	REPLACES	LENGTH	DESCRIPTION
868-SMA20133	A20133	50-11/16”	Fits models 100, 111, 115, 220, 230, 235, 621, 627, 630 & 637
868-SMA20134	A20134	59-11/16”	Fits models 100, 111, 115, 220, 230, 235, 621, 627, 630 & 637
868-SMA20615	A20615	68-11/16”	Fits models 110, 111, 115, 210, 215, 220, 230, 235, 621, 627, 630 & 637
868-SMA20616	A20616	77-11/16”	Fits models 110, 111, 115, 210, 215, 220,230, 235, 621, 627, 630 & 637
868-SMA20617	A20617	87”	Fits models 110, 111, 115, 210, 215, 230, 235, 621, 630 & 637
868-SMA40826	A40826	95-11/16”	Fits models 215, 235, 630 & 637
868-SMA40827	A40827	104-11/16”	Fits models 215, 235, 630 & 637

Other size axles available in quantities of 25 or more. Call for quote.

NOTE: Axle Length is Measured from Bottom of Head.

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Disc Harrow Parts For Krause

7105

PART NO.	REPLACES	DESCRIPTION
873-70105	70-105, 1402-40-0	Levelling Link Tube and End, Extra Heavy Duty
864-SMAK010	1280-0-10, K010	Spool, 1.5” Round Concave, 2.375” Long
864-SMAK1013	1441-0-13, K013	Spool, 1.5” Square x 1.75” Round Convex, 5” Long
864-SMAK1014	1441-0-14, K014	Spool, 1.5” Square x 1.75” Round, 2.75” Long
864-SMAK408	364-0-8, K408	Spool, 1.5” Round Concave, 3” Long
864-SMAK409	364-0-9, K409	Spool, 1.5” Round Convex, 4.75” Long
864-SMA1927KIT	1927-11-0, 40-174	Bearing Kit with SMAGW209PPB22BR Bearing, SMA1927U and SMA1927L
851-SMAGW209PP22BR	1927-11-0, 40-174, CDS209TTR6P	Rubber Mounted Disc Harrow Bearing for High Shock Load Tillage Applications. Fits 1.5” Round Axle. AgSmart
852-GW209PPB22	1927-11-0, CDS209TTR6P	Rubber Mounted Disc Harrow Bearing for High Shock Load Tillage Applications. Fits 1.5” Round Axle
864-SMA1927U	1927-10-2	Upper Bearing Housing
864-SMA1927L	1927-10-1	Lower Bearing Housing
864-SMA45105	45-105	Steel Shield or Side Ring, Works with 209 Series Bearings - 2 Required
852-GW209PPB23	40-167	Rubber Mounted Disc Harrow Bearing for Shock Load Tillage Applications. Fits 1.75” Round Axle.
851-SMA2410110	2410-11-0, CDS211TTR23	Bearing Rubber Mounted for High Shock Load Tillage Applications, for 1.75” Round Axle. Peer
321-CDS211TTR23	2410-11-0, CDS211TTR23	Rubber Mounted Disc Harrow Bearing for High Shock Load Tillage Applications. Fits 1.75” Round Axle

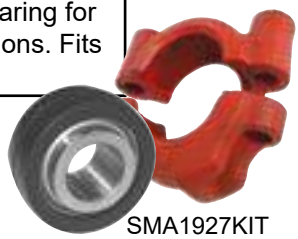
SMAK010

SMAK1013

SMAK1014

SMAK408

SMAK409



SMA1927KIT

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Disc Harrow Parts For Rome

PART NO.	REPLACES	DESCRIPTION
864-RWB52FW	WB-52-FW	Scraper Blade Left Rear, Weld-on (blade only), 3.5 Lb.
864-RWB52RW	WB-52-RW	Scraper Blade Right Front, Weld-on (blade only), 3.5Lb.
864-R3000255	3000255	Spacer Spool 2-1/8” Diameter Round on 14” Spacing, 13-5/8” Long. 53 Lb.
864-R3028755	3028755	Spacer Spool 1-5/8” Diameter Round, 10-3/4” Long. 24.5 Lb.
864-R30287581	30287581	Spacer Spool 1-5/8” Diameter Round, 10-3/8” Long. 24.5 Lb.
864-R4C60B	4C-60B	End Washer Convex, 1-5/8” Diameter, 11.9 Lb.
864-R4C64A	4C-64A	End Washer Concave, 1-5/8” Diameter, 7.8 Lb.
864-R4A64B	4A-64B	End Washer Convex, 2-1/8” Diameter, 13 Lb.
864-R4A60C	4A-60C	End Washer Concave, 2-1/8” Diameter, 17 Lb.
864-RNL163A	NL-163A	Axle Nut Lock
120-84224	4N-150	Hex Nut 1-1/2” Diameter, 3.5 Lb.
864-R4N200	4N-200	Hex Nut 2”, 5 Lb.
1-5/8” AXLE FOR MODEL 2250		
864-R4B1AX	4B-1AX	39-1/8” Long, 4 Blade Gang Bolt. 22 Lb.
864-R4B2AX	4B-2AX	50-1/8” Long, 5 Blade Gang Bolt. 29 Lb.
864-R4B3AX	4B-3AX	60-1/8” Long, 6 Blade Gang Bolt. 35 Lb.
864-R4B4AX	4B-4AX	72-1/8” Long, 7 Blade Gang Bolt. 46 Lb.
864-R4B5AX	4B-5AX	83-1/8” Long, 8 Blade Gang Bolt. 48 Lb.
864-R4B6AX	4B-6AX	94-1/8” Long, 9 Blade Gang Bolt. 55 Lb.
864-R4B7AX	4B-7AX	105-1/8” Long, 10 Blade Gang Bolt. 60 Lb.
2” AXLE WITH 2”-10 THREADS		
864-R7AH1AX	7AH-1AX	50” Long, 4 Blade Gang Bolt. 44 Lb.
864-R7AH2AX	7AH-2AX	64” Long, 5 Blade Gang Bolt. 56 Lb.
864-R7AH3AX	7AH-3AX	78” Long, 6 Blade Gang Bolt. 69 Lb.
864-R7AH5AX	7AH-5AX	106” Long, 8 Blade Gang Bolt. 94 Lb.

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Oil Bath Bearing For Rome

All Oil Bath Bearings Come with Hardfaced Guard Installed

PART NO.	REPLACES	DISC SPACING	FITS	FOR MODELS
855-CHA0915GHF	3C-605B	9.5” / 242mm	1-5/8” Rnd Axle	2140, Disk Ridger, DC Series, TCH, TCW, TPW
855-CHA1006GHF	501048457	10.5” / 262mm	1-5/8” Rnd Axle	2240
855-CHA1104GHF	3B-605D	11” / 273mm	1-5/8” Rnd Axle	2250, TBH, TBW
855-CHA1405GHF	7A-605	14” / 350mm	2-1/8” Rnd Axle	AH -200, 240, 280, 320, 360, TAHB, TAWB,
BEARING GUARD — HARDFACED				
855-CHP2803HF	—	—	2-1/8” I.D. Bearing	CHA1405

Disc Harrow Parts For Sunflower

PART NO.	REPLACES	DESCRIPTION
114-N7588	7588	Disc 24.51” x .256 Smooth, 2.42 Concavity, for 1.75 Round Axle
114-N1964	1964	Disc 24” x .256 Smooth, for 1.75” Round Axle
864-SMA2816	SU2816	Short Disc Spool Half, 7.5” & 8.5” Spacing
864-SMA3107	SU3107	Long Disc Spool Half, 7.5” Spacing
864-SMA3108	SU3108	Long Disc Spool Half, 8.5” Spacing
864-SMA6103	SN6103	Scraper Blade 4”
864-SMA6732	SN6732	Disc Scraper Arm
864-SMA3090i	3090	Bearing Assembly, Will Also Replace Landoll 140464.
864-SMA140479	SN3096	Trunion Bearing Mount, Used with SMA3090i Assembly. Two Required
864-SMA3091	3091	Bearing Housing
444-SMA4924	4924	Shimming Washer

SMA3107

SMA2816

SMA3108

SMA3090i shown with bearing & housing

SMA140479

SMA6732

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Disc Harrow Parts For Sundance

PART NO.	REPLACES	DESCRIPTION
864-SMASDLHS	PD-300F-L	Spindle Assembly Left Hand
864-SMASDRHS	PD-300F-R	Spindle Assembly Right Hand
864-SMASD03	Q-888-G	Gasket
864-SMASD04	—	Dust Cap No Grease Zerk
864-SMASD05	—	Dust Cap with Grease Zerk
2056-OP2414SD	—	Sundance Disc Blade 24” x 6mm

FOR LANDOLL

PART NO.	REPLACES	DESCRIPTION
864-SMA144155	144155	Scraper Arm for 6000 Series Discs, 7000 Series VT and Weatherproofer.
864-SMA140488	140488	Scraper Blade 4.5", Also Fits Weatherproofer. Requires 2 Hex Bolts and Lock Nuts 1/2" x 2" (not included).
864-SMA151550	151550	4" Scraper Blade For 7410 VT and 8530 Disc Harrow. Requires 2 Carriage Bolts and Lock Nuts 1/2" x 1.25" (not included).

FOR TOWNER

PART NO.	REPLACES	DESCRIPTION
864-SMAT52315	—	Bearing Assembly 1-1/8” Square
864-SMAT100147	—	Bearing Guard
864-SMAT52730	52730	Bearing Housing Only 1-1/8” Square
864-SMAT59376	59376	Bearing Housing Only 2-1/4” Square
864-SMAT71102	71102	Half Spool Convex 1-1/2” Square
864-SMAT24720	24720	Insert, Bearing 1-1/2” x 1-1/2” Long
864-SMAT31990	31990	Insert, Bearing 1-1/2” x 2” Long
864-SMAT26431	26431	Retaining Ring, Gang Bearing
864-SMAT20388	20388	Retaining Ring, Gang Bearing
864-SMAT7994	7994	Retaining Ring, Gang Bearing
864-SMAT7914	7914	Retaining Ring, Gang Bearing
864-SMAT15347	15347	Retaining Ring, Gang Bearing
864-SMAT28215	28215	Spacing Washer 1-1/2” Square

Disc Harrow Parts – Utility

PART NO.	REPLACES	DESCRIPTION
For 1” SQUARE AXLES Fits Howse, KingKutter, IHC, Modern, Monroe-Tuffline and Others		
864-CFG10P	—	Bearing & Spool Assembly: Includes 1-CFG1 Spool, 2-CFG2 Caps & Fasteners
864-CFG1	118-2001, CFG-1	7-1/4” Ribbed Spool
864-CFG11	CFG11	9” Ribbed Spool
864-CFG2	118-2002, CFG-2	Bearing Cap for Ribbed Spool
864-CFG3	118-2004, CFG-3	End Washer
864-CFG4	118-2003, CFG-4	Bumper Washer
864-CFG5	118-2005, CFG-5	7-1/2” Plain Spool
864-CFG7	118-2007, CFG-7	2-3/8” Spacer Spool
864-CFG8	118-2008, CFG-8	3-5/8” Spacer Spool
864-CFG9	118-2009, CFG-9	5-1/8” Spacer Spool
308-W208PPB6	—	1” Disc Bearing - Fafnir
851-SMAW208PPB6	—	1” Disc Bearing - Import
851-F80	—	80mm 4-Hole Round Flange (sold in pairs)
For 1-1/8” SQUARE AXLES Fits Dearborn, Howse, Long, Monroe-Tuffline, Taylor/Pittsburg and Others		
864-URBC	118-2010	Ribbed Bearing Cap
864-UR712	118-2011	7-1/2” Ribbed Spool
864-UEW	118-2021	End Washer
864-U3	118-2018	3-1/4” Spacer Spool
864-U712	118-2019	7-1/2” Spacer Spool
864-U9	118-2020	9” Spacer Spool
864-UR9	—	9” Spacer Spool Ribbed
864-U134	118-2022	1-3/4” Spacer Spool
864-U412	118-2023	4-1/2” Spacer Spool
308-W208PPB5	—	1-1/8” Disc Bearing - Fafnir
851-SMAW208PPB5	—	1-1/8” Disc Bearing - Import
851-F80	—	80mm 4-Hole Round Flange (sold in pairs)

CFG10P

CFG3

CFG1
CFG11

CFG4

CFG5

URBC

U3

UR9

Disc Harrow Parts

MISCELLANEOUS

868-AX11825

Axle for Thompson Cane Hipper
1-1/8” Square x 25” (under the head)

864-SMA11

1-5/8” Long Sleeve to Convert 1-3/4” I.D. Round Bearing to 1-1/2” Round.
(ST491A to Krause)

Utility Disc Harrow

AXLES

1” Square, 2” Thread Length and 7/16” Thick Head

PART NO.	LENGTH
868-2052	26-1/2”
868-2055	30-5/8”
868-2053	34”
868-2056	39-5/8”
868-2054	41”

Hipper Parts
FOR JOHN DEERE®
FOR 1-1/8” SQUARE AXLE
Also Fits 955 Row Crop Ripper and 2700 Mulch Ripper

PART NO.	REPLACES	DESCRIPTION
308-W208PP5	JD9350	Bearing for SMA15141 housing 2 used, Fafnir
851-SMAW208PP5	JD9350	Bearing for SMA15141 housing 2 used, Import
864-SMA15142	A15142	Bearing spacer for SMA15141 housing.
868-SMA15143	A15143	1-1/8” Axle square, 12” long with NC threads. Includes nut and lock washer.
864-SMA16690	A16690	Axle washer 3/16” thick
864-SMA13208	A13208	Bumper washer

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Sweeps - Row Crop

TAPER SWEEPS

EMPIRE SWEEP FOR ALL ROW CROP CULTIVATORS

Punched Two Holes for 7/16” Diameter Bolt, 2-1/4” On-Center Spacing.
Middle Hole for 5/8” Diameter Carriage Bolt.
1/4” Thick with 55° Stem Angle

PART NO.	WIDTH
304-E1508	8”
304-E15010	10”
304-E15012	12”
304-E15014	14”
304-E15016	16”
304-E15018	18”
304-E15020	20”
304-E15022	22”

JOYCE COTTON SWEEPS

PLAIN or WEAR-TUFF COATED

Joyce Styled Sweeps Have a 55° Stem Angle. Two 7/16” Holes on 2-1/4” Centers and One 5/8” Square Center Hole.

PART NO.		
PLAIN	WEAR-TUFF	WIDTH
2127-11206	**2127-11206DF**	6”
2127-11208	**2127-11208DF**	8”
2127-11210	**2127-11210DF**	10”
2127-11212	**2127-11212DF**	12”
2127-11214	**2127-11214DF**	14”
2127-11216	**2127-11216DF**	16”
2127-11218	**2127-11218DF**	18”
2127-11220	**2127-11220DF**	20”
2127-11222	**2127-11222DF**	22”
2127-11224	**2127-11224DF**	24”

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Sweeps - Row Crop

Field Cultivator Sweeps

47° Stem Angle

3/8” Bolts on 1-3/4” Centers

PART NO.	WIDTH
3/16” Thick	
2127-DF4004	4”
2127-DF4006	6”
2127-DF4007	7”
2127-DF4008	8”
2127-DF4009	9”
2127-DF4010	10”
2127-DF4012	12”
1/4” Thick	
2127-DF4074	7”
2127-DF4094	9”
2127-DF40104	10”
2127-DF40124	12”

7/16” Bolts on 1-3/4” Centers

PART NO.	WIDTH
3/16” Thick	
2127-DF4704	4”
2127-DF4706	6”
2127-DF4707	7”
2127-DF4708	8”
2127-DF4709	9”
2127-DF4710	10”
2127-DF4712	12”
1/4” Thick	
2127-DF4744	4”
2127-DF4774	7”
2127-DF4784	8”
2127-DF4794	9”
2127-DF47104	10”
2127-DF47124	12”

Knock-On Sweeps

PART NO.	DESCRIPTION
686-15029C7	7” Knock-On Cast Sweep
686-15029E9	9” Knock-On Cast Sweep
686-CL47	Forged Clip for Use with 47 Degree Curved Shanks
686-SP47	Retainer Spring for Use with CL47 Clip

CL47

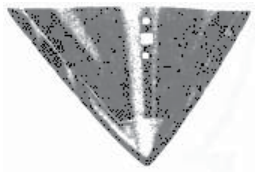
SP47

Sweeps - Alabama

Manufactured from high carbon steel and heat treated for longer wear. Alabama sweeps are punched with two holes for 7/16” plow bolts on 2-1/4” centers and one square center hole for 5/8” carriage bolt.

1/4” Thick

PART NO.		
PLAIN	WEAR-TUFF	WIDTH
2127-E4708	—	8”
2127-E4710	—	10”
2127-E4712	**2127-E4712DF**	12”
2127-E4714	**2127-E4714DF**	14”
2127-E4716	**2127-E4716DF**	16”
2127-E4718	**2127-E4718DF**	18”
2127-E4720	**2127-E4720DF**	20”
2127-E4722	**2127-E4722DF**	22”
2127-E4724	**2127-E4724DF**	24”



S-Tines

Order **M**ultiple **10**

PART NO.	DESCRIPTION
348-3210560	Standard S-Tine 1-1/4” (32mm) Wide x 3/8” (10mm) Thick x 22” (560mm) Tall. Uses Clamp with 1/2” Bolt Hole.
348-3212560	Heavy Duty S-Tine 1-1/4” (32mm) Wide x 1/2” (12mm) Thick x 22” (560mm) Tall. Uses Clamp with 1/2” Bolt Hole.
348-3212645	High Clearance S-Tine 1-1/4” (32mm) Wide x 1/2” (12mm) Thick x 25.4” (645mm) Tall. Fits JD 960 Cultivator, Replaces JD N185521. Uses Clamp with 1/2” Bolt Hole.
2183-2202217	S-Tine Alloway Style Shank with Point. 1” (25mm) Wide x 5/16” (8mm) Thick.
348-3212660	High Clearance S-Tine 1-1/4” (32mm) Wide x 1/2” (12mm) thick x 26” (660mm) Tall. Uses Clamp with 1/2” Bolt Hole.

2202217

3212560

S-TINE CLAMPS	
109-5780	For 2” Tool Bar. Fits 3/8” (10mm) Regular Tine, Uses 1/2” Bolt.
109-6475	For 2” Tool Bar. Fits 3/8” (10mm) Regular Tine, Uses 1/2” Bolt.
109-6860	For 2” Tool Bar. Fits 1/2” (12mm) Heavy Duty Tine, Uses 1/2” Bolt.
109-6935	For 2-1/2” Tool Bar. Fits 1/2” (12mm) Heavy Duty Tine, Uses 1/2” Bolt.

S-TINE POINTS & SWEEPS

DS1

101120,
101122

DS4

DS7

1/4" (6mm) Thick*, Punched For 3/8" Bolt, Import

Order **M**ultiple **10**

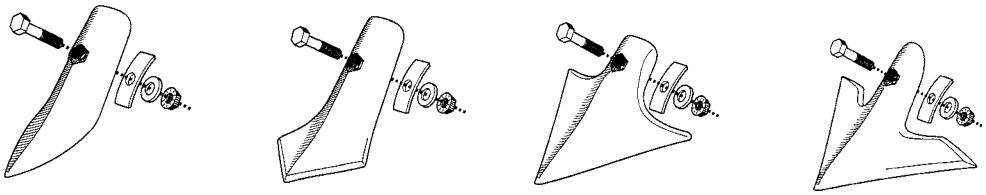
PART NO.		
PLAIN	WEAR-TUFF	DESCRIPTION
2176-101120*	—	Reversible Point, 1" x 5.5", 5mm Thick, 5/16" Bolt-Hole
2176-101122*	—	Reversible Point, 1.125" x 6.5", 5mm Thick
030-DS1	**2127-VS1DF**	Reversible Point, 1.375" x 8" Long
030-DS3	**2127-VS2DF**	2.75" Duckfoot Style Sweep
030-DS4	**2127-VS4DF**	4" Duckfoot Style Sweep
030-DS7	**2127-VS7DF**	7" Duckfoot Style Sweep
2127-VS7	—	7" Duckfoot Style Sweep
2127-VS10	—	10" Duckfoot Style Sweep
2127-8HDVSBOLT	—	3/8" x 1.5" S-Tine Bolt Grade 5, 50 per box

(For More S-Tine Sweep Bolts, See Section 31)

DANISH S-TINE SWEEP

PART NO.	DESCRIPTION
030-DS32	**2.75" x .236" - 2 Bolt Hole 1-1/2" on Center**

CHROMIUM CARBIDE S-TINE SWEEP



(WITH BOLT, NUT AND RUBBER SHIM)

PART NO.	DESCRIPTION
693-8601	1" Spike - Replaces Acra-Plant 8601-01
693-8602	2-1/2" Goosefoot - Replaces Acra-Plant 8602-01
693-8604	4" Sweep - Replaces Acra-Plant 8604-02
693-8607	7" Sweep - Replaces Acra-Plant 8607-02

Cultivators - Steels & Points

ALFALFA STEELS

PART NO.	THICKNESS	WIDTH	LENGTH	BOLT	HOLESPACING
2127-75UB	1/2”	1-1/2”	12”	7/16”	1-1/4” to 2-1/4”
2127-75UBDF WEAR-TUFF	1/2”	1-1/2”	12”	7/16”	1-1/4” to 2-1/4”
2127-839C	3/4”	2”	15”	1/2”	2-1/4”
2127-839D	3/4”	2”	15”	5/8”	2-1/4”

SINGLE HOLE STEELS

PART NO.	THICKNESS	WIDTH	LENGTH	BOLT
2127-E79134	1/4”	1-3/4”	9”	3/8”
2127-E792	1/4”	2”	9”	3/8”
2127-ST19	1/4”	1-3/4”	10”	3/8” Dimpled

SLOTTED HOLE STEELS

PART NO.	THICKNESS	WIDTH	LENGTH	BOLT	HOLESPACING
2127-IF10UB	5/16”	1-1/2”	10-1/2”	7/16”	1-1/4” to 2-1/4”
2127-IF210UB	5/16”	2”	10-1/2”	7/16”	1-1/4” to 2-1/4”
2127-IF210	5/16”	2”	10-1/2”	7/16”	1-3/4” (2 holes)
2127-DF10UB	1/4”	1-3/4”	11”	7/16”	1-1/4” to 2-1/4”
2127-168UB	1/2”	2”	11”	7/16”	1-1/4” to 2-1/4”
2127-169UB	1/2”	2”	11”	7/16”	1-1/4” to 2-1/4”
2127-169UBDF WEAR-TUFF	1/2”	2”	11”	7/16”	1-1/4” to 2-1/4”
2127-HD88	1”	2”	18”	1/2”	2-1/4” to 2-1/2”
2183-PHD88*	1-1/2”	2”	18”	1/2”	2-1/4” to 2-1/2”
2179-PHD88C**	2”	2”	18”	1/2”	2-1/4” to 2-1/2”

*Chrome Capped, **Solid Chrome

IF210UB

PHD88

TWO HOLE STEELS

PART NO.	THICKNESS	WIDTH	LENGTH	BOLT	HOLE SPACING
2127-DF10	1/4”	1-3/4”	11”	3/8”	1-3/4”
2127-DF010S	5/16”	1-3/4”	11”	3/8”	1-5/8” to 1-3/4”
2127-DF14	1/4”	1-3/4”	11”	7/16”	1-3/4”
2127-1755C	5/8”	2”	13”	1/2”	1-1/4”
2127-1759C	5/8”	2”	13”	1/2”	2-1/4”
2127-1828	5/8”	2”	15”	7/16”	2-1/4”
2127-1829C	5/8”	2”	15”	1/2”	2-1/4”

Cultivators - Steels & Points

DROP FORGED

Double points drop forged for better wearability, self-sharpening edge for good soil penetration. Weight 2 lbs. each.

Order Multiple 10

PART NO.	THICKNESS	WIDTH	LENGTH	HOLES AND SPACING
972-DP2238	3/8”	2”	11-3/4”	3/8” on 1-5/8” to 1-3/4” centers
972-DP223	3/8”	2”	11-3/4”	3/8” on 2” centers
972-DP2276	3/8”	2”	11-3/4”	7/16” on 1-5/8” to 1-3/4” centers
972-DP2237	3/8”	2”	11-3/4”	7/16” on 2”centers

DP2238
DP2276
DP2237

CHISELS
CHROMIUM CARBIDE POINT

20229

Chromium carbide pointed chisels will outwear plain parts of equal thickness up to 10 times. This point is not double ended as the carbide point will normally outwear the chisel body.

PART NO.	THICKNESS	WIDTH	LENGTH	HOLES AND SPACING	WT.
686-20229	3/4”	2”	15”	1/2” on 2-1/4” centers	5.7
686-C7812	7/8”	2”	15”	1/2” on 2-1/4” to 2-1/2” centers	6.7

TWISTED

Forged from high carbon steel, heat-treated and oil-quenched. Built for use with bigger, more powerful tractor equipment.

Order Multiple 5

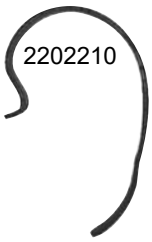
PART NO.	THICKNESS	WIDTH	LENGTH	HOLES AND SPACING	WT.
686-123L	1/2”	3”	22”	7/16” on 2-1/4” centers	8.4
686-123R	1/2”	3”	22”	7/16” on 2-1/4” centers	8.4
686-123HL	1/2”	3”	22”	1/2” on 2-1/4” centers	8.4
686-123HR	1/2”	3”	22”	1/2” on 2-1/4” centers	8.4
WITH CHROME POINT					
686-123HLC	1/2”	3”	22”	1/2” on 2-1/4” centers	10.4
686-123HRC	1/2”	3”	22”	1/2” on 2-1/4” centers	10.4

Shanks - Spring, Steel & Coil

CAST STEEL SHANKS

21” Clearance for 2-1/4” Diamond Tool Bar. Footpiece
Fits 1/2” Bolts on 1-1/2” to 2-1/4” Centers.

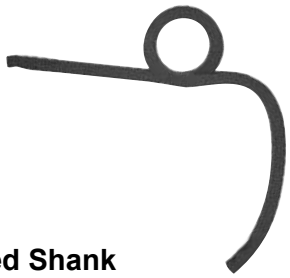
PART NO.	TYPE
2183-2212213	Straight
2183-2212214	Rear Offset
2183-4114202	Cap Only



SPRING TOOTH HARROW SHANKS

Made from 5160 Heat-Treated Steel

PART NO.	REPLACES	DIMENSIONS	BOLT SIZE
2183-2202201	T530-15	3/8” X 1-3/4”	3/8”
2183-2202207	285-38	3/8” X 1-3/4”	3/8”



COIL SHANKS

Made from 5160 Heat-Treated Steel, Reversible Point Styled Shank

PART NO.	REPLACES	DESCRIPTION
2183-2171803	H501	1” Square -Short for 7/16” Bolt, 16” Clearance, 1-1/4” to 2-1/4 Spacing
2183-2171804	H502	1” Square -Long for 7/16” Bolt, 16” Clearance, 1-1/4” to 2-1/4 Spacing
2183-2171807	H506	1” Coil Shank Vertical Mount
2183-2171813	H503, H504	1-1/4” Square -Short for 1/2” Bolt, 21” Clearance, 1-1/4” Spacing
2183-4184915	—	Coil Shank Clips

SIDE MOUNTED KNIFE SHANK

For 1/2” Bolt with 2-3/4” Hole Centers

PART NO.	REPLACES	DESCRIPTION
2183-2171806	H510	1” Square with 7” Clearance
2183-2171818	KSC95	1-1/4” Square with 20” Clearance

Sweep - Chisel

McKay Empire Penetrator

The Penetrator was designed to overcome cultivating problems in hard soil areas. Approximately 70% of the Penetrator's cutting blade is inclined at 37° while the remainder is flattened out to 10°. This design requires less weight for penetration. The raised "dart" center rib helps direct dirt to the sides and away from shank and bolts. Landoll, W & A and Sukup are some OEM users of the Penetrator.

- 1/4" Thick
- 50° Stem Angle
- Use 1/2" Plow Bolts on 2-1/4" Centers

Sizes represent current stock. 6", 8", 10", 12", and 14" are also available from manufacturer. We will be glad to call for availability and price upon request.

PART NO.	SIZE
304-P5016K	16"
304-P5018K	18"
304-P5020K	20"
304-P5022K	22"
304-P5024K	24"

Sweeps - Heel

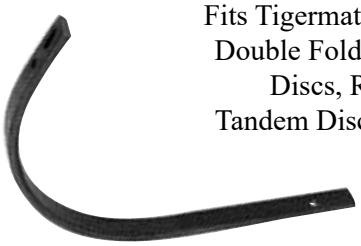
Osmundson U.S.A.

Heel Sweeps are used to break up hard pan and encourage better root penetration. Chisel spikes are mounted over sweeps so that the point of the chisel extends about 2" below the leading edge of the sweep.

1/4" Thick

PART NO.	SIZE	WT.
686-16HEEL	16"	6.5
686-18HEEL	18"	7.5

Cultivator Shank for Case IH & DMI Tigermate



Fits Tigermate ll-DMI Cultivators and Double Fold, 340, 370 True Tandem Discs, RMX340, RMX370 Tandem Discs. 5/8" Thick. Replaces 33017584.

686-33017584

Shanks - Chisel Plow

PART NO.	SIZE / CLEARANCE	CENTERSHOLE
2183-2181911A	1.25" x 2" x 23.5", 1/2" bolt	1.25" – 2.25"

Shank Protectors

110200

110830

110134

892811

PART NO.	DESCRIPTION
	SHANK PROTECTORS – High Density Polyethylene
142-110200	1.95" W x 10" L x .25", Slotted .50" Holes 1.75" - 2.5" C-C. White
142-110134	1.95" W x 10" L x .25", Slotted .50" Holes 1.75" - 2.5" C-C. Fits Between Wrap-around on Sweep, White.
142-110830	1.8" W x 9" L x .21", Slotted 7/16" Holes 1.75" - 2" C-C. Yellow, Replaces JD TY15990
142-892811	1.75" W x 8.8" L x .21", Slotted 7/16" Holes 1.625" - 2" C-C. Gray, Replaces CIH892811

Shovels - Corn, Irrigation & Turn

Irrigation

Made From High Carbon Steel for Optimum Wear.

PART NO.	DESCRIPTION
2127-S1026	6" for 3/8" bolt hole
686-IS7	7" for 3/8" bolt hole
2127-S1028	8" for 3/8" bolt hole

Corn

Punched with two holes for 7/16" plow bolts and one (center hole) for 5/8" carriage bolt.
1/4" Thick

PART NO.	DESCRIPTION
304-E255X8	5" x 8" x 1/4" Corn Shovel
304-E256X9	6" x 9" x 1/4" Corn Shovel
304-E257X9	7" x 9" x 1/4" Corn Shovel
304-E258X10	8" x 10" x 1/4" Corn Shovel

Turn

9628L

9628R

PART NO.	DESCRIPTION
304-9628L	7-1/2" x 9" x 3/16" Thick - LH
304-9629R	7-1/2" x 9" x 3/16" Thick - RH

Fertilizer Knives - Anhydrous

For Application of Liquid or Granual Chemicals and Fertilizer

PART NO.	REPLACES	DESCRIPTION
	BACKSWEPT KNIVES - LIQUID	
972-33000000	2183-2192018	Plain Knife less tube 3/8" x 2" x 13"
972-33303470	2183-2192019	Plain Knife 3/8" x 2" x 13"
972-33323470	2179-2192019HF	Rod-Facing Knife HF 3/8" x 2" x 13"
972-33343470	2179-2192019DF	Durafaced Knife 3/8" x 2" x 13"
972-33313470	2179-172192019C	Chrome Edge Knife 3/8" x 2" x 13"
972-33313478	2179-172192019CRT	Full Chrome Knife 3/8" x 2" x 13"
972-33713478	2179-172192025CRT	Full Chrome Knife 3/8" x 2" x 17"
972-34313478	2179-172192020C	Chrome Edge Knife 1/2" x 2" x 13"
	BACKSWEPT KNIVES - DRY	
972-33325470	2179-172192021	Hardfaced Knife with 2" O.D. Tube 3/8" x 2" x 13"
972-33315470	2179-172192021C	Chrome Edge Knife with 2" O.D Tube 3/8" x 2" x 13"
	FRONTSWEPT KNIVES	
972-32513468	2183-K2T	Full Chrome Knife 1/2" X 2" X 15"

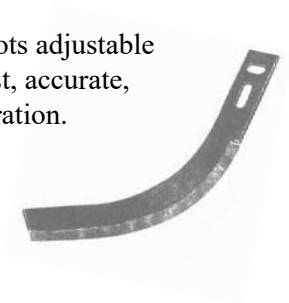
33323470

33315470

Hoes - Crescent & Tender Plant

Crescent Hoes

These crescent hoes are designed for use on a universal straight shank with 2 slots adjustable for pitch. These weeding knives feature a round turn shape which enables fast, accurate, close cultivation in young crops and are designed for shallow soil penetration.
Made from high carbon steel for optimum wear.

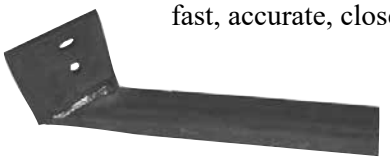


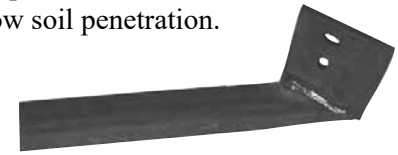
6” Long, Bolt Holes for 3/8” Bolt, 1-1/4” to 2” Spacing

PART NO.		
PLAIN	WEAR-TUFF	THICKNESS
2127-S1016R	**2127-S1016RDF**	1/4”
2127-S1017L	**2127-S1017LDF**	1/4”
—	**2127-S10163RDF**	3/8”
—	**2127-S10173LDF**	3/8”

Tender Plant Hoes

These tender plant hoes are designed for use on a universal straight shank with 2 slots adjustable for pitch. These weeding knives feature a square turn shape which enables fast, accurate, close cultivation in young crops and allows for shallow soil penetration.
Made from high carbon steel for optimum wear.
1-1/4” to 2” Bolt hole spacing.





PART NO.				
PLAIN	WEAR-TUFF	THICKNESS	WIDTH	BOLT SIZE
2127-S1122R	**2127-S1122RDF**	3/16”	7”	3/8”
2127-S1123L	**2127-S1123LDF**	3/16”	7”	3/8”
2127-S1124R	**2127-S1124RDF**	3/16”	9”	3/8”
2127-S1125L	**2127-S1125LDF**	3/16”	9”	3/8”
2127-2467L**	**—**	3/16”	5”	3/8”
2127-2468R**	**—**	3/16”	5”	3/8”
2127-2466L**	**—**	3/16”	7”	3/8”
2127-2465R**	**—**	3/16”	7”	3/8”

** Alloway style

2466L

2465R

Hoes - Crescent & Tender Plant

Tender Plant Hoes

JOHNSON BED KNIVES

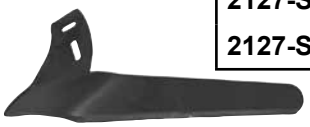
Made From High Carbon Steel for Optimum Wear.
Bolt Holes for 3/8” Bolt, 1-1/4” to 2” Spacing.

PART NO.			
PLAIN	WEAR-TUFF	THICKNESS	WIDTH
2127-S4500L	**2127-S4500LDF**	1/4”	8”
2127-S4501R	**2127-S4501RDF**	1/4”	8”

BEAN AND BEET HOES

Made From High Carbon Steel for Optimum Wear.
Bolt Holes for 3/8” Bolt, 1-1/4” to 2” Spacing.

PART NO.			
PLAIN	WEAR-TUFF	THICKNESS	WIDTH
2127-S1002R	**2127-S1002RDF**	3/16”	7”
2127-S1003L	**2127-S1003LDF**	3/16”	7”
2127-S1004R	**2127-S1004RDF**	3/16”	9”
2127-S1005L	**2127-S1005LDF**	3/16”	9”
2127-S1006R	**2127-S1006RDF**	1/4”	13”
2127-S1007L	**2127-S1007LDF**	1/4”	13”



S1003L

S1002R

Furrowers

PLAIN and HARDSURFACED

Plain
Narrow

Hardsurfaced
Wide

Wide and Narrow Widths.
Slotted Hole with 1-3/4” to 2-1/4” Spacing and Hole Below for 7/16” Plow Bolt.

PART NO.	SIZE	WT.
686-42411NO	8.25” Narrow Plain	6.7
686-42411NOH	8.25” Narrow H/Surfaced	7.0
686-42411WO	9.63” Wide Plain	7.0
686-42411WOH	9.63” Wide H/Surfaced	7.3

Furrowers

EMPIRE

Punched with Two Holes on 2-1/4" Centers for 7/16" Plow Bolts and One Center Hole for 5/8" Carriage Bolt.

PART NO.	SIZE	WEIGHT
304-F27308	8" x 3/16"	3.28
304-F27310	10" x 3/16"	3.74

HIGH WING

Made from high carbon steel for optimum wear.
Punched with Two Holes for 7/16" Plow Bolt with One Square Hole Between for 5/8" Carriage Bolt. Holes on 1-1/4" to 2-1/4" Centers.
1/4" Thick

PART NO.		
PLAIN	WEAR-TUFF	SIZE
2127-H1110UB	**2127-H1110UBDF**	10"
2127-H1112UB	**2127-H1112UBDF**	12"
2127-H1115UB	**2127-H1115UBDF**	15"
2127-H1118UB	**2127-H1118UBDF**	18"
2127-H1120UB - Replacement Tip Only		3"

H1120UB

SNUB NOSE

Made from high carbon steel for optimum wear.
Punched with Two Slotted Holes and One Square Hole Between, for 7/16" Plow Bolt on 1-1/4" to 2-1/4" Centers.

PART NO.			
PLAIN	WEAR-TUFF	SIZE	THICKNESS
2127-S1029	—	8"	3/16"
2127-S1030	—	10"	3/16"
2127-S1031	—	12"	3/16"
2127-S1032	—	15"	3/16"
2127-S1033	—	18"	3/16"
2127-3235	—	8"	1/4"
2127-3236	—	10"	1/4"
2127-3237	**2127-3237DF**	12"	1/4"
2127-3238	**2127-3238DF**	15"	1/4"
2127-3239	**2127-3239DF**	18"	1/4"

Shank and Point - Case IH

FOR CASE IH ECOLOTIL 2500 IN-LINE RIPPER

7 inch No-Till Ripper Point
Replaces 87388006

972-87388006

NEW

3/4 inch No-Till Shank
Replaces 33020046

972-33020046

Parabolic Subsoiler Parts

PART NO.	REPLACES	DESCRIPTION
	FOR TYE & BIGHAM BROTHERS	
918-TF123	550-148, SUB1RP, 681-002HF	Chromium carbide para-till ripper point. Replaces 693-599T
444-RP860	951M0860, 681-015, SUB1RP	Roll pin for TF123 ripper point
693-003L	550-151, 681-003L	Chromium carbide instep, left hand
693-003R	550-150, 681-003R	Chromium carbide instep right hand
693-004L	501-315, 681-004L	Chromium carbide upper shin left hand
693-004R	501-314, 681-004R	Chromium carbide upper shin right hand
693-005L	501-313, 681-005L	Chromium carbide lower shin left hand
693-005R	501-312	Chromium carbide lower shin right hand
693-TY1512	902-1844, 610-1822Z	Shear bolt. 1-1/8” x 5-1/2”
693-TY1512N	920-1800, 613-1800Z	Nylon lock nut for 693-TY1512, 1-1/8” dia.

Listed parts are made by various manufacturers and are not original manufacturer’s parts. We sell replacement parts for use in equipment of various manufacturers. Original part numbers and products mentioned herein may be trademarks or registered trademarks of the respective companies and the use of are for reference purposes only. Our company and the parts listed herein are not connected in any way with the equipment manufacturers mentioned herein.

Tool Bar Accessories

CLAMPS

PART NO.	DESCRIPTION	SHANK SIZE
2183-4144502	2-1/4" Diamond, Fabricated	5/8" X 2"
2183-4144503	2-1/4" Diamond, Fabricated	3/4" X 2-1/2"
2183-4144504A	2-1/4" Diamond, Fabricated	1" X 3"
2183-4164705	1-1/4" Diamond Cast, Import	5/8" X 2"
2183-4164707D	2-1/4" Diamond Cast, Domestic	5/8" X 2"
2183-4164707	2-1/4" Diamond Cast, Import	5/8" X 2"
2183-4164712D	2-1/4" Diamond Cast, Domestic	3/4" X 2-1/2"
2183-4164712	2-1/4" Diamond Cast, Import	3/4" X 2-1/2"
2183-4164717D	2-1/4" Diamond Cast, Domestic	1" X 3"
2183-4164717	2-1/4" Diamond Cast, Import	1" X 3"
2183-4154602	2-1/4" Diamond, Fabricated	1-1/4" or 1-3/8" Round
2183-4154605	2-1/4" Diamond, Cast	1-1/4" or 1-3/8" Round
2183-4184915	2-1/4" Diamond, Fabricated	1" Coil Shank
2183-4184925	2-1/4" Diamond, Fabricated	1-1/4" Coil Shank
2183-4144547	3-1/2" Diamond, Fabricated	1" X 3"
2183-4144546	4" X 4" Fabricated	1" X 3"
2183-4164745	5" X 7" Fabricated	1" X 3"
2183-4164740	7" X 5" Fabricated	1" X 3"

FOR 2-1/4" DIAMOND TOOL BAR

PART NO.	BOLT SIZE	HOLE SPACING	THICKNESS	WIDTH
CAST TOOL BAR CAPS				
2183-4104101	1"	4-1/2" Centers	3/4"	2-3/8"
2183-4134406	5/8"	4" Centers	3/8"	2"
2183-4134411	5/8"	4" Centers	5/16"	3"
STEEL STRAP CAPS				
2183-4124311	1"	4-1/2" Centers	1"	2"
2183-4124314	3/4"	4-1/2" Centers	3/4"	2"
2183-4164718	7/8"	4-1/2" Centers	1"	2-1/2"
FORMED STEEL CAPS				
2183-4134401	1"	4-1/2"	1/2"	—
2183-4134404A	3/4"	4-1/2"	3/8"	—
2183-4134405	3/4"	4-1/2"	1/2"	—
2183-4134408	1"	4-1/2"	1/2"	—

Tool Bar Accessories

SHANKS

Made in U.S.A.

PART NO.	SHANK SIZE	BOLT	HOLE SPACING
FLAT CULTIVATOR SHANKS			
2183-2101101	5/8” X 1-1/2” X 24”	3/8”	1-1/4” to 2-1/4”
2183-2111201	5/8” X 2” X 30”	3/8”	1-1/4” to 2-1/4”
2183-2131401	3/4” X 2-1/2” X 30”	1/2”	1-1/4” to 2-1/4”
2183-2161716	1” X 3” X 36”	5/8”	2”
SIDE OFFSET FLAT			
2183-2131401	3/4” X 2-1/2” X 30”	—	—
FORGED FOOT SHANKS			
2183-2101104	5/8” X 1-1/2” X 26”	7/16”	1-1/4” to 2-1/4”
2183-2111204	5/8” X 2” X 30”	7/16”	1-1/4” to 2-1/4”
2183-2131406	3/4” X 2-1/2” X 36”	7/16”	1-1/4” to 2-1/4”
2183-2131408	1” X 3” X 36”	1/2”	1-1/4” to 2-1/4”
REAR OFFSET FORGED FOOT SHANKS			
2183-2111203E	5/8” X 2” X 30”	7/16”	1-1/4” to 2-1/4”

PART NO.	SHANK SIZE	USES POINT
DIAMOND SHAPED CAST POINTS		
2183-2151611CR	5/8” X 2” X 26”	2179-D053
2183-2151612CR	3/4” X 2” X 32”	2179-D053
2183-2151615CR	5/8” X 2” X 30”	2183-2151601CR
2183-2151617CR	3/4” X 2” X 32”	2183-2151601CR

PART NO.	SHANK SIZE	HOLE SPACING
ADJUSTABLE FOOT PIECES		
2183-2161703B	5/8” X 2” Formed Steel	2”
2183-2161710B	3/4” X 2.5” Formed Steel	2”
2183-2161717	1” X 3” Formed Steel	4”
2183-2161717B	1” X 3” Formed Steel	2”
2183-2161723D	1” X 3” Cast Steel	2”

2161717B

2161723D

Tool Bar Accessories

FOR 2-1/4” DIAMOND TOOL BAR

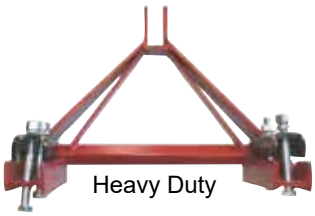
SPACERS

Full Length Bolt with Double Gusset Plates for Maximum Strength

PART NO.	DESCRIPTION
2183-4205108	8” Spacing
2183-4205109	9” Spacing
2183-4205112	12” Spacing
2183-4205114	14” Spacing
2183-4205118	18” Spacing
2183-4205120	20” Spacing
2183-4205124	24” Spacing

NOTE: Spacing Measured Center to Center of Tool Bar.

PART NO.	DESCRIPTION
GAUGE WHEELS	
2113-DCK15	15” Wheel, 17” Height Adjustment, Uses Rim #982-0411377. Sold in Pairs Only. See Section 17 for Rims
A-FRAMES 3-POINT HITCH	
Welded One-Piece Construction — Hardware Included	
2996-75108	Light Duty Cat. 1 Max. HP 45
2996-75109	Heavy Duty Cat. 1 Max. HP 100
2996-75111	Medium Duty Cat. 2 Max. HP 100
2996-75110	Heavy Duty Cat. 2 Max. HP 225
2996-75115	Heavy Duty Quick Hitch Cat. 2 Max. HP 225



Heavy Duty

TOOL BAR 2-1/4” ROUNDED CORNER

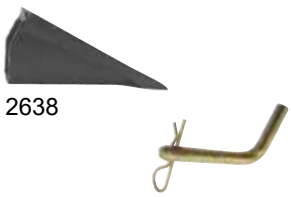
PART NO.	DESCRIPTION
SOLID	
2183-214INSQ6	6’ Long made from C1070 Steel
2183-214INSQ8	8’ Long made from C1070 Steel
2183-214INSQ16	16’ Long made from C1070 Steel
2183-214INSQ21	21’ Long made from C1070 Steel
HOLLOW	
2183-HS70258	8’ Long made from C1070 Steel
2183-HS702516	16’ Long made from C1070 Steel
2183-HS702521	21’ Long made from C1070 Steel

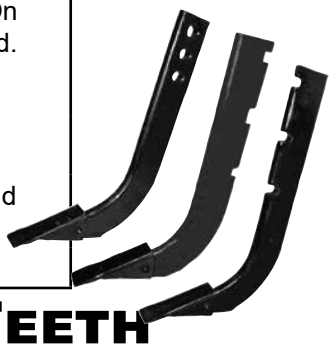
Box Blade Parts

SHANKS

PART NO.	DESCRIPTION
873-103107	15-7/10” x 2-1/2” wide x 3/4” thick with 3 Punched Holes with Heat-Treated Crimped-On Point. 1/2” Diameter Holes on 1-1/2” C-C Spacing. Shank is made of 5160 Spring Steel. Fits Ag-Meier, Kodiak, Southern, King Kutter, Monroe-Tufline, Howse, Great Plains.
873-103110	17-1/2” x 2-1/2” wide x 3/4” thick with 3 Front Notches and Crimped-On Point. Top Notch is 7-3/5” from Top. Shank and Point are Heat-Treated. Fits Hardee and Modern
873-103109	16” Rear Notched with Point
873-2638	Heat-Treated and Painted Crimped-on Point. Fits 103107, 103110 and 103109.
873-7111	1/2” x 3” Bent Hitch Pin for Use with Punched Shank

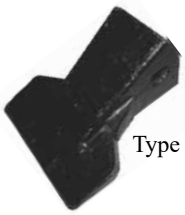
2638



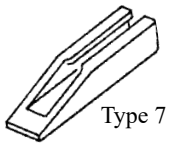


Scarifier and Backhoe Teeth

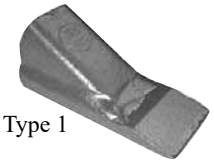
Fabricated Teeth for Backhoes, Scarifiers, Trenchers, and End Loaders


Type 4

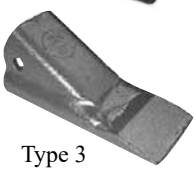
Type 5


Type 7

PART NO.	OUTSIDE DIAMETER	LENGTH	INSIDE DIAMETER	TYPE
2040-HP10	1-1/8”	2-1/2”	3/4”	1
2040-HP100	1-7/16”	3-7/16”	1”	1
2040-HP175	1-11/32”	5-1/8”	3/4”	1
2040-HP20A	1-3/4”	4-3/16”	1-1/16”	1
2040-HP210	1-13/16”	7-3/16”	1”	3
2040-HP230LR	2-5/16”	5-7/16”	1-1/2”	3
2040-HP230PP	2-5/16”	6-1/8”	1-1/2”	5
2040-HP240	2-3/8”	6-1/2”	1-1/2”	3
2040-HP30CR	2-1/4”	5-1/8”	1-1/2”	1
2040-HP35	3-1/2”	1-11/16”	3/8”	8
2040-HP55	1-3/4”	7”	1”	7
FLEX PINS				
2040-HP210PN	7/8”	1-3/4”	—	—
2040-HP230PN	3/4”	2-3/16”	—	—
2040-HP250PN	7/8”	2-7/8”	—	—


Type 1

Type 2


Type 3

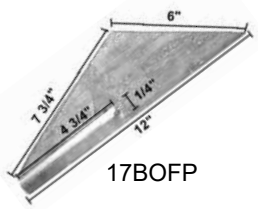
Scarifier and Backhoe Teeth – Points

BIG OX SLIP-ON STYLE

2D5

2D5BE

PART NO.	DESCRIPTION
693-2D5	Big Ox Point, Ductile Iron
693-2D5BE	Cast Alloy Point with Full Bottom & Nose Cap
2179-17BXCR	Solid Chrome Alloy Point
2179-17BOFP	Big Ox Replacement Foot



17BOFP

Sub Soiler and Ripper Points

Made from high carbon steel and heat-treated. Available in most styles with high chrome cap installed. High chrome will outwear plain by up to 10 times.

PART NO.	REPLACES	DESCRIPTION
JOHN DEERE BOLT-ON STYLE		
2003-SS20	A17994	2” Wide x 12” Long not Capped
2179-17SS20CR	A17994	2” Wide x 12” Long
A.C. BOOTED STYLE		
2179-17AC342CR	412050	2” Wide x 12” Long
2179-17AC125CR	412279	2.5” Wide x 12” Long
2179-17AC133CR	403702	3” Wide x 12” Long
2179-17AC144CR	404289	4” Wide x 12” Long
BIG ED BOOTED STYLE		
2179-17BE100CR	1LO	2” Wide x 7” Long
2179-17SE342CR	SE342	2” Wide x 7” Long
JOHN DEERE BOOTED STYLE		
972-41B2512JD	AA21507	2.5” Wide x 12” Long not Capped
2179-17SS25BCR	AA21507HC	2.5” Wide x 12” Long
WILCOX BOOTED STYLE		
2179-17WI1012CR	W10068	2” Wide x 12” Long
2179-17WI1002CR	W10082	3” Wide x 12” Long

Soil Ripper

FOR CASE IH, DMI, KRAUSE, JOHN DEERE® & SUNFLOWER RIPPERS

Made of High Strength Ductile Steel with Chromium Carbide for Extended Wear.

PART NO.	REPLACES	DESCRIPTION
972-1251907	CNH 87460070, 47465172	7” Wide Wing Span, for 1.25” Shank. One Piece Cast, No Welds. Fits Models C/IH 870 & 875. Weight 23 lbs.

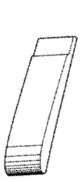
INGERSOLL

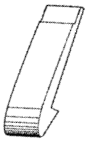
Chromium Alloy Castings

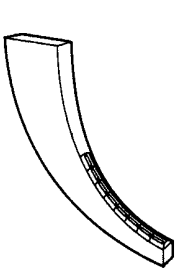
Chromium Carbide Castings are Available In Bolt-on and Weld-on Styles.
These Castings are Abrasion Resistant in All Types of Soil Conditions.

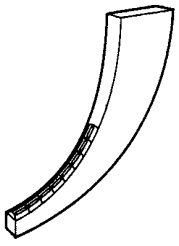
CHROME CAST ALLOY

PART NO.	DESCRIPTION
FLAT CAPS	
2179-D04212F	2” X 12”
2179-D23812F	2-3/8” X 12”
2179-D27812F	2-7/8” X 12”
2179-D33812F	3-3/8” X 12”
2179-D43812F	4-3/8” X 12”
2179-MV020L12	3-3/8” X 16” with Holes
WRAP-AROUND STYLE CAPS	
2179-D23812	2-3/8” X 12”
2179-D27812	2-7/8” X 12”
2179-D33812	3-3/8” X 12”
2179-D43812	4-3/8” X 12”
2179-D53815W	5-3/8” X 15”
FLAT SHIN GUARDS	
2179-D033	1-1/4” X 9”
2179-D034	1-1/2” X 9”
HALF-ROUND SHIN GUARDS	
2179-D038	1-1/4” x 14”
2179-D035	1-5/8” x 14”
2179-D036	1-3/4” x 14”
2179-D037	2-3/8” x 14”



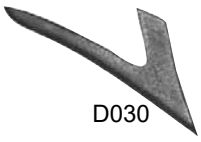






PART NO.	DESCRIPTION
MULCHER TOOTH — CHROME	
2179-D109	3/8” X 11”
LISTER POINT CAPS	
2179-D087	For 14” Lister Share
CHISEL POINT CAPS	
2179-D107	For 2” Chisel
2179-D108	For 3” Chisel
2179-D113	For 2” Spike
SWEEP & PLOW SHARE EDGING	
2179-D127	3/8” x 1” x 14”
DIAMOND POINTS	
2179-D053	Weld-on Style
2183-2151601CR	Bolt-on Style
FERTILIZER KNIFE INSERTS	
2179-D030	Front Swept
2179-D013	Back Swept
2179-D013S	Back Swept

D029


D030

D013

D138

Listed parts are made by various manufacturers and are not original manufacturer’s parts. We sell replacement parts for use in equipment of various manufacturers. Original part numbers and products mentioned herein may be trademarks or registered trademarks of the respective companies and the use of are for reference purposes only. Our company and the parts listed herein are not connected in any way with the equipment manufacturers mentioned herein.

Disc Hillers

DESIGNED FOR ROWCROP CULTIVATORS

310 SERIES ASSEMBLY

PART NO.	TYPE	SHANK SIZE	BLADE	HILLER ASSEMBLY CONSISTS OF HUB ASSY	SHANK	BLADE
2183-3103101	STRAIGHT SHANK	1-1/4" X 16"	10"	2183-3103125	2183-3103126	2183-3103135
2183-3103102	STRAIGHT SHANK	1-1/4" X 16"	12"	2183-3103125	2183-3103126	2183-3103136
2183-3103103	STRAIGHT SHANK	1-1/4" X 16"	14"	2183-3103125	2183-3103127	2183-3103137
2183-3103107	OFFSET SHANK	1-1/4" X 16"	12"	2183-3103125	2183-3103126	2183-3103136
2183-3103108	OFFSET SHANK	1-1/4" X 16"	10"	2183-3103125	2183-3103127	2183-3103137
2183-3103128	STRAIGHT SHANK	1-3/8" X 24"	SHANK ONLY	—	—	—

310 SERIES HUB ASSEMBLY CONSISTS OF :

(1) 2183-3103134 HUB (3) 2183-3103131 BOLTS
(1) 2183-3103132 AXLE (3) 2183-3103130 WASHERS
(1) 2631-205RHN BEARING

315 SERIES ASSEMBLY

6 Bolt Hub with 12", 14", and 16" Blades
Uses Bolt Kit #2183-3153430

PART NO.	TYPE	SHANK SIZE	BLADE	HILLER ASSEMBLY CONSISTS OF HUB ASSY	SHANK	BLADE
2183-3153401	Straight Shank	1-3/8" x 22"	12"	2183-3153425	2183-3153427	2183-3153428
2183-3153402	Straight Shank	1-3/8" x 22"	14"	2183-3153425	2183-3153427	2183-3153429
2183-3153405	Straight Shank	1-3/8" x 22"	16"	2183-3153425	2183-3153437	2183-3153434

315 Series Hub Assembly Consists of :

(1) 2183-3153433 Hub Only (1) 2183-3153435 Axle Bolt & Nut
(1) 851-SMA206GGH Bearing (1) 2183-3153437 Gasket

316 SERIES ASSEMBLY — ADJUSTABLE

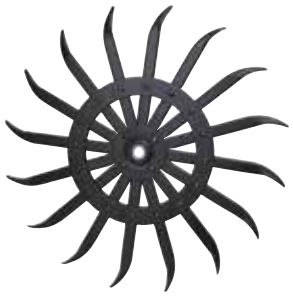
6 Bolt Hub with 10" Blade and Overall Shank Length 17-1/2"
Uses Bolt Kit #2183-31620

PART NO.	SHANK SIZE	HILLER ASSEMBLY CONSISTS OF HUB ASSY	SHANK	BLADE	BRACKET
2183-3163600	5/8" X 1-1/2"	2631-6922RH	2183-3163610	2183-3163625	2183-3163612
2183-3163600NTN	5/8" X 1-1/2"	321-6922RH	2183-3163610	2183-3163625	2183-3163612

Rotary Hoe Wheel

3133860

PART NO.	DESCRIPTION
864-SMA3400111B	Rotary Hoe Black, Replaces Yetter 3400-111, JD AN142664
864-SMA3400111G	Rotary Hoe Green, Replaces JD AN142664, Yetter 3400-111
2183-3133860	Rotary Hoe Wheel with Spike. Bracket Not Included
2183-3133866	Tooth for Rotary Hoe Wheel, 12 Used per Wheel



Cast Roller Rings

Made of High-Strength Ductile Iron. Our Unique Ring Design is Effective in the Most Adverse Soil Conditions.

PART NO.	DESCRIPTION
2177-1216C	12” I.D. x 16” O.D.
2177-1317C	13” I.D. x 17” O.D.
2177-1420C	14” I.D. x 20” O.D.
2177-1622C	16” I.D. x 22” O.D.

Plow Parts - Lister

MOLDBOARDS

Lister and MiddleBreaker Moldboards Are Made from High Carbon Solid Grade Plow Steel.

PART NO.	DESCRIPTION
FOR JOHN DEERE	
2183-223P1884R	14” x 1/4” Standard Wing Right Hand
2183-223P2008L	14” x 1/4” Standard Wing Left Hand
2183-223287HWR	14” x 1/4” Ultra High Wing Right Hand
2183-223287HWL	14” x 1/4” Ultra High Wing Left Hand
FOR CASE IH	
2183-2231588	14” x 1/4” Standard Wing Right Hand
2183-2231587	14” x 1/4” Standard Wing Left Hand
2183-22303160BRP38	14” x 1/4” Ultra High Wing Right Hand
2183-22303161BLP38	14” x 1/4” Ultra High Wing Left Hand

22303160BRP38

22303161BLP38

2231587

LISTER SHARES

FOR JOHN DEERE®

PART NO.	DESCRIPTION
2003-287	14” x 5/16” Plain
2179-17287	14” x 5/16” Hardfaced
2003-287DF	14” x 5/16” Wear-Tuff
2179-17287CR	14” x 5/16” Chrome Cap

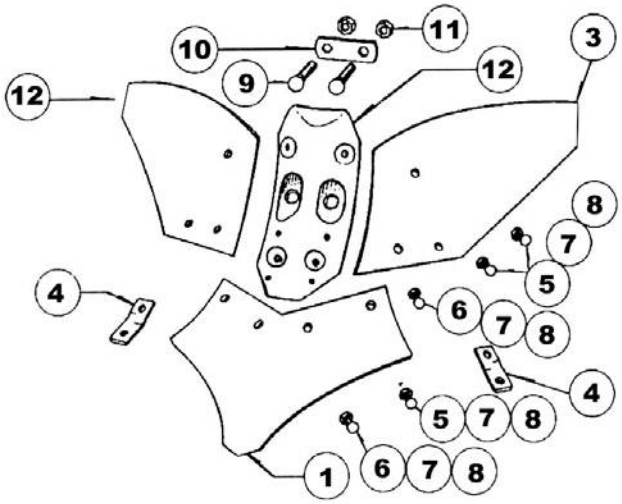
287DF

17287CR

FOR CASE IH

PART NO.	DESCRIPTION
2003-0757	14” x 5/16” Plain
2179-170757	14” x 5/16” Hardfaced
2003-0757DF	14” x 5/16” Wear-Tuff
2179-170757CR	14” x 5/16” Chrome Cap

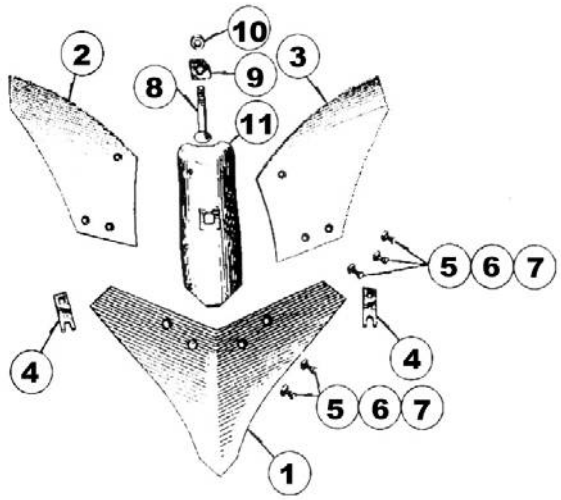
Plow Parts - Lister
MOLDBOARD ASSEMBLIES



FOR JOHN DEERE

	PART NO.	DESCRIPTION	REQ.
1	**2003-287**	Lister Share Plain	1
2	**2183-223P1884R**	Lister Moldboard R H	1
3	**2183-223P2008L**	Lister Moldboard L H	1
4	**2183-2232613**	Lister Moldboard Clip	2
5	**2007-750620**	3/8” x 1” Plow Bolt	10
6	**2007-750622**	3/8” x 1.25” Plow Bolt	10
7	**120-8596**	3/8” Lock Washer	10
8	**120-37CNFHOP**	3/8” Hex Nut	10
9	**120-P58X4**	5/8” x 4” Plow Bolt	2
10	**194-7978A**	Lister Frog Strap	1
11	**120-62CNFHOZ**	5/8” Hex Nut	2
12	**2183-2232404**	JD Lister Frog	1

NOTE: Complete Assembly Available
Call for Pricing.



FOR INTERNATIONAL HARVESTER

	PART NO.	DESCRIPTION	REQ.
1	**2003-0757**	Lister Share Plain	1
2	**2183-2231588**	Lister Moldboard R H	1
3	**2183-2231587**	Lister Moldboard L H	1
4	**2183-2232613**	Lister Moldboard Clip	2
5	**2007-750701**	7/16” x 1.5” Plow Bolt	10
6	**120-8597**	7/16” Lock Washer	10
7	**120-43CNFHOP**	7/16” Hex Nut	10
8	**120-820629**	3/4” x 6” Carridge Bolt	1
9	**194-PO28179A**	Special Clip Washer	1
10	**120-75CNHHOZ**	3/4” Hex Nut	1
11	**2183-2231586**	IH Lister Frog	1

NOTE: Complete Assembly Available
Call for Pricing.

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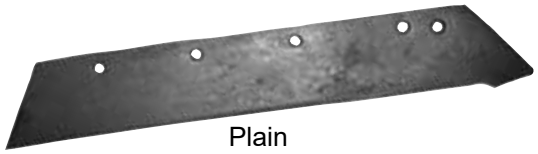
Plow Shares

Osmundson Shares are Made from 1080 High Carbon Steel and Oil Quenched. Ribbed Shares are 3/8" Thick on the Top Edge and 5/8" Thick Near the Cutting Edge to Give Maximum Strength. The Deep Suck Nose of the Share Allows Better Soil Penetration in Most Ground Conditions.

PART NO. PLAIN	PART NO. HARDFACED	REPLACES	DESCRIPTION
FOR CASE IH — DEEP STYLE			
2003-463253	**2179-17463253**	463253R1	16" Right Hand, Uses One 1/2" & Three 7/16" Bolts
2003-464591	**2179-17464591**	464591R1	18" Left Hand, Uses One 1/2" & Three 7/16" Bolts
FOR OLIVER & WHITE			
2003-OM185LRS	**2179-17OM185LRS**	LR18R	18" Left Hand, Uses Five 7/16" Bolts
2003-OM185RS	**2179-17OM185RS**	RR18R	18" Right Hand, Uses Five 7/16" Bolts



Plain

Hardfaced

Plow Parts - Conventional

MOLDBOARDS

Manufactured from High Carbon Solid Grade Material. Heat-treated, Fitted, Bolted and Polished.

PART NO.	SIZE	SERIES
FOR CASE IH		
686-MB462314	16"-20" x 5/16"	High Speed
686-MB464603	16"-20" x 5/16"	High Speed (LH)
FOR JOHN DEERE		
686-MB57264	—	Two-Way

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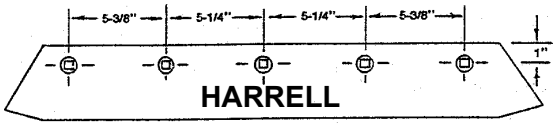
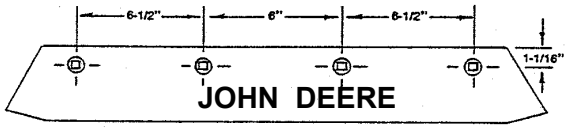
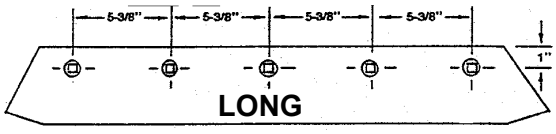
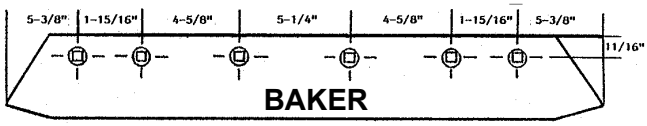
Plow Parts - Switch

SHARES







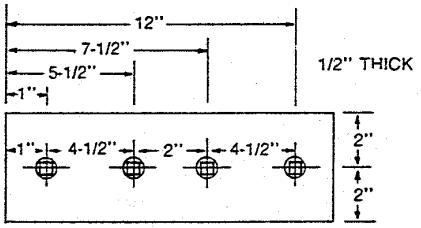


– All Switch Plow Shares Use 7/16” #3 Plow Bolts –

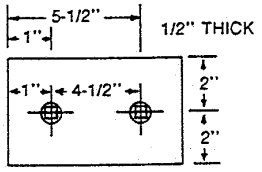
Order **M**ultiple **6**

PART NO.	FITS	DESCRIPTION
686-SB100	Baker	Plain
686-SD57270	John Deere	Plain
686-SD57043	John Deere	Hardsurfaced
686-SH79006	Harrell	Plain
686-SH79028	Harrell	Hardsurfaced
686-SL791406	Long	Plain
686-SL791407	Long	Hardsurfaced

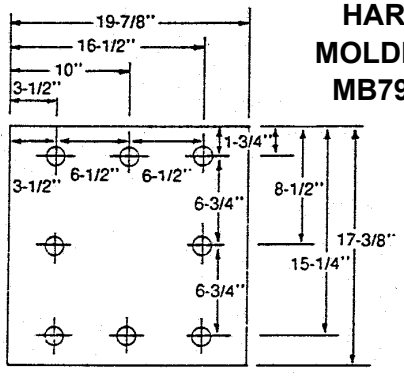
MOLDBOARD, LANDSIDES, SHINS



HARRELL LANDSIDE L79206



HARRELL LANDSIDE L79010



HARRELL MOLDBOARD MB7921736

Order **M**ultiple **6**

PART NO.	FITS	DESCRIPTION	HOLES
686-MB7921736	Harrell	Moldboard	
686-L79010	Harrell	Short Landside	2
686-L79206	Harrell	Long Landside	4
686-S79208	Harrell	Lower Cast Shin	2
686-S98207	Harrell	Upper Steel Shin	2
686-SSB101	Baker	ASB101 Shin	4
686-LSB102	Baker	Long Landside	
686-LSB103	Baker	Short Landside	

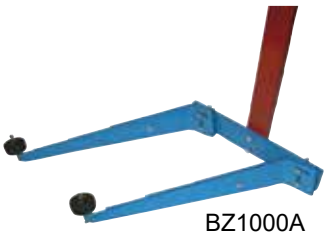
Cultivators - Vineyard & Orchard Bezzerides

Manufactured from High Carbon Steel for Long Wear and Heat-treated for Maximum Strength.

SPRING HOE WEEDERS FOR VINEYARD & ORCHARD

Provides Aggressive Action as it Clears Weeds Close to the Base of the Vine. Optional Wheels Help to Prevent the Trunk from Bruising. The Weeder can be Mounted on Both Sides of a Disc Harrow for One Pass Operations.

PART NO.	DESCRIPTION
2111-BZ1000	Weeder Assembly Less Wheels and Standards
2111-BZ1000A	Half-set Weeder Assembly Less Wheels and Standards
2111-BZ1000ASP	Half-set Weeder Assembly with 36" Wheel Mounting Leaf (no.1015)
2111-BZ1000SP	Complete Weeder Assembly with 36" Wheel Mounting Leaf (no.1015)
2111-BZ1012	Standard 30" Wheel Mounting Leaf
2111-BZ1013	Heavy 30" Wheel Mounting Leaf
2111-BZ1014	Backup Spring 31" Long
2111-BZ1015	Heavy 36" Wheel Mounting Leaf
2111-BZ1020	Number 2 Leaf
2111-BZ1030	Number 3 Leaf
2111-BZ1040	Number 4 Leaf
2111-BZ1050	Number 5 Leaf
2111-BZ1060	Spreader Bar
2111-BZ1090	Wheel and Hardware
2111-BZ10902	Shank 1" x 3" x 22"


BZ1000A

BZ1015

BZ1020

BZ1050

BZ1060

BZ1090

BZ10902

— Continued Next Page —

SPRING HOE WEEDERS FOR ROW CROPS

Used for High Speed Cultivating. Unique Oscillating Action Uproots Weeds Below the Ground Surface and Up Close to Each Plant.

PART NO.	DESCRIPTION
2111-BZ2012	Assembly with 16” Flat Shank 13” Minimum Row Spacing
2111-BZ2013	Assembly with 20” Flat Shank 13” Minimum Row Spacing
2111-BZ2015	Assembly Less Shank 13” Minimum Row Spacing
2111-BZ2030	Blade Left Hand
2111-BZ2031	Blade Right Hand
2111-BZ2050	Bracket
2111-BZ2060	Shank 1-1/4” Round

Row Crop Cultivator - John Deere

PART NO.	REPLACES	DESCRIPTION
	GAUGE WHEELS	
864-SMA4P	AN182942	Gauge wheel assembly 4” x 12” for RM series, 815, 825, 835, 845, 875 and 725 cultivator. Yellow wheel halves, short-stem grooved bearing.
864-SMA4B	AN182942	Gauge wheel assembly 4” x 12” for row crop cultivators. Black wheel halves, short-stem grooved bearing.
864-9568Y	N187926	Gauge wheel half yellow for RM series, 815, 825, 835, 845, 875, and 725 cultivator.
851-SMA885154B	AN131668	Gauge wheel bearing for RM series, 815, 825, 835, 845, 875 and 725 cultivator. – See Section 9 for More Bearings –
013-412401	AN231757	Gauge wheel assembly 4” x 12”. Nylon wheel with 5203KYY2 double-row bearing. For model 856. Will fit Krause 4600 row crop cultivator.
864-SMA2P	CA3311N	Gauge wheel assembly 4” x 12” for old style Noble crop cultivator. Uses SMA1 hub kit. Fits 4260, 4650, 4660, RO4, RR2, RR4.
013-412SC	516492R1	Gauge wheel tire for SMA4P, SMA4B and SMA2P assembly.
864-SMA1	AN130260	Gauge wheel Hub Kit for SMA2 assembly. Containing hub, bearings, spacer, bolt, nut and lock washer.
864-SMA1D	C1094N	Gauge wheel half used in SMA2 assembly.
851-C203KRR2	JD9214	Gauge wheel bearing used in SMA1 kit.
864-SMA6	N137475	Gauge wheel shank sleeve for RM series and 845.

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Cultivators - Field & Row Crop

FOR HINIKER, KINZE, KRAUSE, ORTHMAN, SUKUP and OTHERS

PART NO.	DESCRIPTION
BLADES	
304-RB14	5/16” x 14” reversible blade
304-RB17	5/16” x 17” reversible blade
304-RB19	5/16” x 19” reversible blade
304-RB21	5/16” x 21” reversible blade
304-RB25	5/16” x 25” reversible blade
304-RB27	5/16” x 27” reversible blade
(above parts also fit 955 Row Crop Ripper)	
POINTS	
972-41BMPS	Chrome capped point with two bolt holes for ridge till cultivator. Replaces 8216

FOR LANDOLL

PART NO.	REPLACES	DESCRIPTION
982-458	2-406-010058	Hub for coulter blade assembly

FOR GLENCOE

PART NO.	REPLACES	DESCRIPTION
864-SMA63355	63355 GL63355	Leaf spring for PDFC series field cultivator
925-S12212212	P1987, 58563 GL1987	U-bolt, 1/2” x 2-1/2” x 3-5/8” for gang assembly, shank brackets, extensions and shields on B-W, S, SF, TF series and models 240, 440, 630, 640, 830, 40 and 1230.
925-S5844	P1993 GL1993	U-Bolt, 5/8” x 4” x 5-1/4” for gang mounting brackets on B-W series.

Cultivators - Field & Row Crop

Field Cultivator

FOR JOHN DEERE®
960, 1000, 1010, 1050

PART NO.	REPLACES	DESCRIPTION
864-SMA188346	N188346	Tongue Hitch
982-183318	AN183318	Hub with cups for transport wheel
982-630S	–	Transport wheel spindle for 183318 hub. *(Weld-in required)*
864-SMA630BK	–	Bearing kit for transport wheel hub containing:
IM29710	JD8271	Inner bearing cup
IM29749	JD8988	Inner bearing cone
IM67010	JD8225	Outer bearing cup
IM67048	JD8187	Outer bearing cone
IM18030	AH20017	Grease seal
SMA630R	B30887	Seal retainer
909970	D10025	Grease cap
348-3212645	N185521	S-Tine for field cultivator, same as original

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Finishing Harrow
FOR JOHN DEERE 400, 410, 600, 810

May Also Fit Noble Do-All and Case IH

PART NO.	REPLACES	DESCRIPTION
982-64821	GZ246851	Spindle for 62509 Hub.
864-SMA216	GZ280121 GZ280551	Buttonhead rivet pin 5/8" x 2" for Do-All, JD and others. Requires 3/16" x 1-1/2" cotter pin. Use 8 on 400, 12 on 600 & 610, 16 on 810.
864-SMA1003	—	Bearing kit for transport wheel hub containing:
IM29710	JD8271	Inner bearing cup
IM29749	JD8988	Inner bearing cone
IM67010	JD8225	Outer bearing cup
IM67048	JD8187	Outer bearing cone
906284	E50607	Grease seal
909905	GZ186301	Dust cap

V-Bolts For Spike Harrow Teeth
FITS JD, FORREST CITY, CIH AND OTHER DO-ALLS

PART NO.	REPLACES	DESCRIPTION
310-A15	GZ180111	Harrow tooth V-bolt 3/8" x 1-1/2" C.C.
925-D38134	GZ180111	Harrow tooth V-bolt 3/8" x 1-1/8" C.C.
925-D716230	JDN167577	Harrow tooth V-bolt 7/16" x 1-7/16" Between Legs.
925-D716134	—	Harrow tooth V-bolt 7/16" x 1-1/8" Between Legs. Forrest City Do-All
925-SMA1025	—	Harrow tooth saddle Forrest City Do-All

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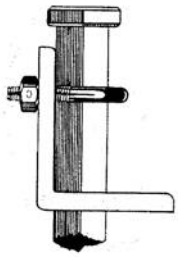
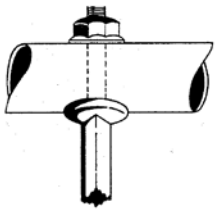
Spike Harrow Teeth

Made of high carbon 1045 Steel Heat-treated Point, Headed



PART NO.	DESCRIPTION	WT.
FOR CLAMP ATTACHMENT		
672-560220	5/8” x 7/8” Diamond x 8” Long, Headed Fits most Forrest City Do-Alls.	.56 lb
672-560232	5/8” Square x 10” Long	1.05 lb
672-560234	5/8” Square x 12” Long	1.33 lb
672-560236	5/8” Square x 14” Long	1.55 lb
672-560245	3/4” Square x 10” Long Fits Most JD Mulch Finishers and Field Cultivators. Replaces N188676	1.50 lb
672-560249	3/4” Square x 12” Long Fits CIH and Noble Do-Alls. Replaces CIH 62576C1; Noble GZ180101	1.60 lb
FOR PIPE ATTACHMENT		
672-560216	5/8” x 7/8” Diamond x 8” Long. Shank is 2” L x 7/16” thread.	.58 lb
672-560217	5/8” x 7/8” Diamond x 8” Long. Shank is 2” L x 1/2” thread.	.58 lb
672-560218	5/8 “x 7/8” Diamond x 8-1/2” Long. Shank is 2-1/2” L x 7/16” thread. Fits Land Pride.	.66 lb
672-560219	5/8” x 7/8” Diamond x 8-1/2” Long. Shank is 2-1/2” L x 1/2” thread. Replaces 891-238C.	.66 lb



Weeder Tine

109-M9507B

OVERALL LENGTH:	16-3/8”
MATERIAL WIDTH:	1”
THICKNESS:	5/32”
HOLE:	.405” Square for 3/8” Carriage Bolt
WEIGHT:	.90 lbs.

Cultivator Gangs - Rolling

FOR LILLISTON / BUSH HOG

PART NO.	SIZE	DESCRIPTION	FINISH
332-H144RH	14-1/2”	4 Spider Gang RH	Extended Wear
332-H144LH	14-1/2”	4 Spider Gang LH	Extended Wear
332-H145RH	14-1/2”	5 Spider Gang RH	Extended Wear
332-H145LH	14-1/2”	5 Spider Gang LH	Extended Wear
332-H164RH	16”	4 Spider Gang RH	Extended Wear
332-H164LH	16”	4 Spider Gang LH	Extended Wear
332-H165RH	16”	5 Spider Gang RH	Extended Wear
332-H165LH	16”	5 Spider Gang LH	Extended Wear

– NOTE: COMPLETE GANG ASSEMBLIES ARE NOT UPS SHIPPABLE –

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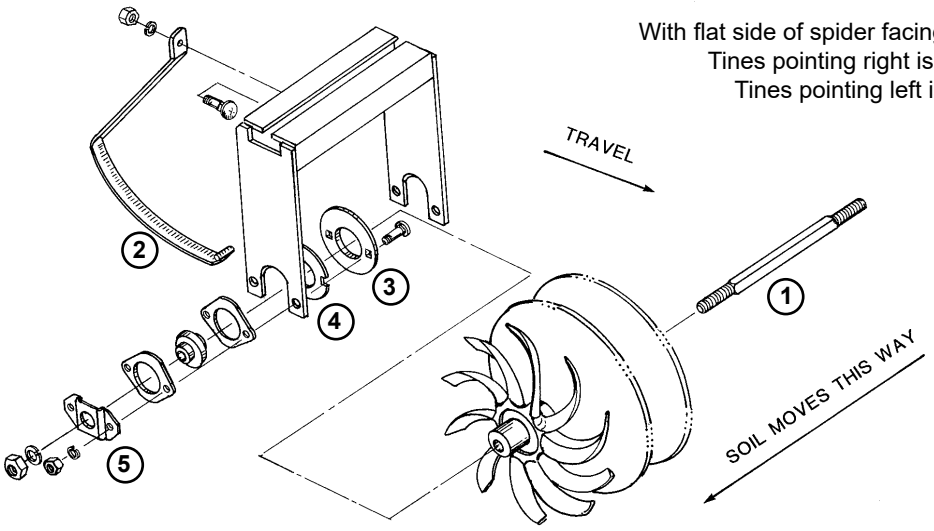
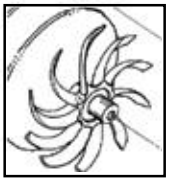
Cultivator Gangs - Rolling



With flat side of spider facing you -
Tines pointing right is “RH” -
Tines pointing left is “LH”.



RH

LH

REPLACEMENT SPIDERS

PART NO.	SIZE	DESCRIPTION	WT (Lb.)
332-14RH	14-1/2”	Plain RH	9
332-14LH	14-1/2”	Plain LH	9
332-H16RH	16”	Extended Wear RH	10
332-H16LH	16”	Extended Wear LH	10

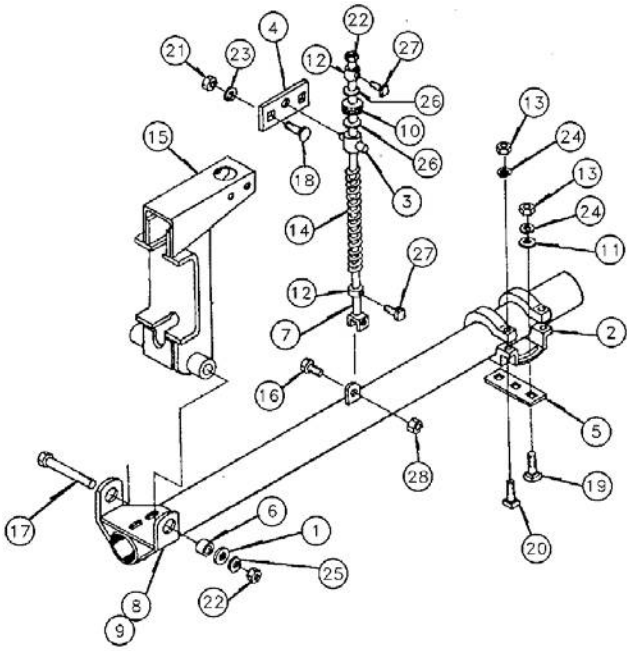
REPLACEMENT COMPONENT PARTS

REF.	PART NO.	DESCRIPTION
1	**332-1825**	4 Spider Gang Axle
1	**332-2125**	5 Spider Gang Axle
2	**332-2501**	Scraper for Gang Assembly
2	**332-1635408**	Scraper for Gang Asby. Std.
3-5	**332-103052**	Flange and Shield Kit
3	**332-2510**	Inner Bearing Shield
4	**332-2520**	Flat Bearing Shield
5	**332-2530**	Outer Bearing Shield

103052

For Bearings, Use 205PPB7 - For Flanges, Use 52T.
See Section 9 of Catalog for Bearing and Flange.

Cultivator Gangs - Rolling



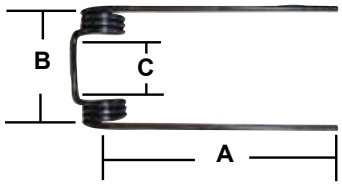
Spider Gang Parts

REF.	PART NO.	DESCRIPTION
1-27	**332-75013000**	Short Pipe Bar Assembly
1-27	**332-75023000**	Long Pipe Bar Assembly
See Description	**332-75356000**	Gang Pivot Clamp Assembly Diagram Nos. 2,5,11,13,19,20,24
2	**332-75356010**	Gang Pivot Clamp Body
3	**332-75353110**	Trunion
4	**332-75353120**	Trunion Bracket
5	**332-75356020**	Gang Spacer
6	**332-75353130**	Hardened Pivot Bushing
7	**332-75353170**	Tension Rod
8	**332-75003010**	Short Gang Pipe
9	**332-75003020**	Long Gang Pipe
10	**332-75353150**	Rubber Spring buffer
12	**332-75353160**	Adjusting Collar
14	**332-75353140**	Spring
15	**332-75353180**	Pipe Support Bracket

Harrow Spring Tines

• All Tines Painted Black • Sold Full Cartons Only

PART NO.	ORIG. / U.S. NO.	WIRE	WT. (LB.)	QTY. / CTN.	COIL I.D.	A	B	C
FOR GLENCOE								
936-GL2	P1546 / GL2	.375	1.3	50	2.5"	11-5/16"	2-7/8"	—
FOR JOHN DEERE								
936-JD1B	135002 / JD1B	.375	2.5	25	1.75"	12"	7-7/16"	3"
936-JD1B1	136767 / JD1B1	.375	2.5	25	1.67"	13-1/2"	7-3/8"	3-1/4"
936-JD1B2	181162 / JD1B2	.375	2.5	25	1.75"	12-3/4"	7-7/16"	3-1/8"
936-JD1B3	188605 / JD1B3	.375	1.68	20	1.68"	12-3/4"	8-3/4"	—
FOR KRAUSE								
936-KS1	76126 / KS1	.375	2.5	25	1.67"	12-1/8"	7-3/8"	3"
936-KS2	76156 / KS2	.437	3.7	15	2.125"	16-1/2"	7-1/4"	3-1/2"
FOR MELROE								
936-ME1	6524795 / ME1	.375	3.3	25	2.188"	12-3/8"	7-1/4"	7"
FOR MIDWEST								
936-MW1	CH-133A / MW1	.375	2.5	25	1.50"	12-3/4"	6-1/2"	3-1/4"
FOR NOBLE								
936-N1	149781 / N1	.375	2.5	25	1.813"	11-1/4"	7-1/4"	3-1/2"
FOR WILRICH								
936-WR1	13419 / WR1	.375	2.2	25	1.625"	12"	9-3/8"	5"
936-WR2	16429 / WR2	.375	2.5	20	1.625"	16"	9-3/8"	5"



(See Profiles Next Page)

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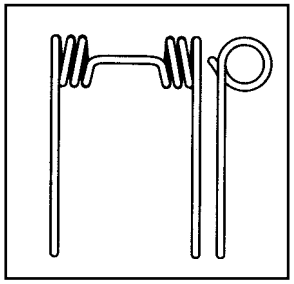
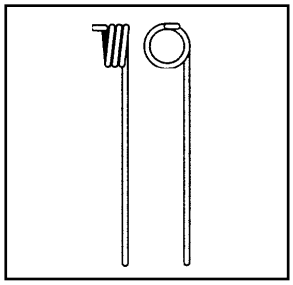
Harrow Spring Tines
(Profiles)

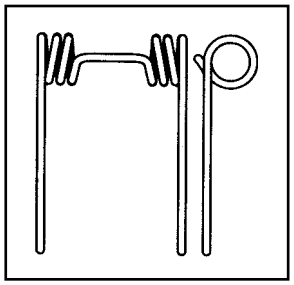


John Deere
JD1B

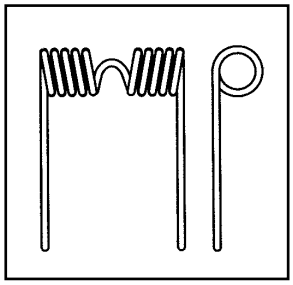
Krause
KS1,
KS2



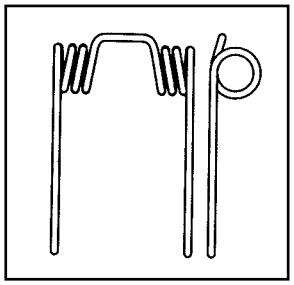
Glencoe
GL2



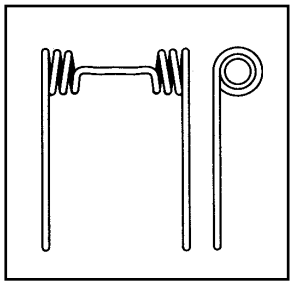
John Deere
JD1B2,
JD1B3



Melroe
ME1



John Deere
JD1B1



Midwest
MW1

Noble
N1

Wlilrich
N1, WR1,
WR2

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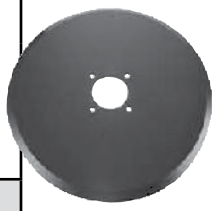
Planter Parts for Case IH
DISC OPENER ASSEMBLIES

PART NO.	REPLACES	DESCRIPTION
864-SMA90850	90850C92, 84389196	Disc opener assembly 14” x 3.5mm Left Hand Leading. Taper on same side as hub. For models 800, 900, 950, 955, 1200 series. Also grain drills 5200 to 5500 series. – Standard Pack 120 Per Box –
864-SMA90851	90851C92, 84389195	Disc opener assembly 14” x 3.5mm Right Hand Trailing. Taper on side opposite hub. For models 800, 900, 950, 955, 1200 series. Also grain drills 5200 to 5500 series. – Standard Pack 120 Per Box –
864-SMA98745	84398745	Disc opener assembly 14” x 3.5mm Left Hand Leading. Taper on same side as hub, 3-lip seal bearing. For 1200 series planters. – Standard Pack 120 Per Box –
864-SMA98746	84398746	Disc opener assembly 14” x 3.5mm Right Hand Trailing. Taper on side opposite hub, 3-lip seal bearing. For 1200 series planters. – Standard Pack 120 Per Box –
864-SMA68572	84268572	Disc opener assembly 14” x 4.5mm Left Hand Leading. Taper on same side as hub, uses double-row ball bearing. For 1200 series planters. – Standard Pack 100 Per Box –
864-SMA68573	84268573	Disc opener assembly 14” x 4.5mm Right Hand Trailing. Taper on side opposite hub, uses double-row ball bearing. For 1200 series planters – Standard Pack 100 Per Box –
527-204WC	324180A1	Dust cap for disc opener assembly
845-P22149	306001A1	Plain seeder blade 22” x 6.35mm, double bevel, for use on air seeder.
SEED SHOES AND SCRAPERS		
864-SMA99800KIT	1547680C1	HD Opener Scraper Kit, Includes 2 Tungsten Carbide Scrapers and Arms (use 1 kit per row). Fits 800, 900, 950, 955, 1200 Series Planters, 5400, 5500 Soybean Special.
864-SMA84243285	84243285	Seed Shoe, Fits 800, 900, 955, 1200 Series Planters, 5400, 5500 Soybean Special.
864-SMA436702	436702A1	Seed Furrow Firming Point, Cast. Fits 800, 900, 1200 Series Planters, 5400, 550 Soybean Special.
864-SMA1263977K	1263977C1	Bolt Kit for Seed Shoe. Includes Two 3/8”-16 x 3/4” Flange Base Hex Head Bolts and Thread Lock.



SMA436702

SMA8243285

Planter Parts for Case IH

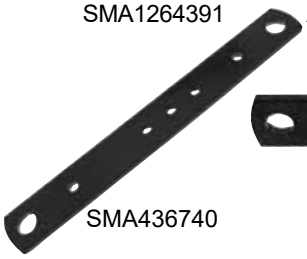
PART NO.	REPLACES	DESCRIPTION
		GAUGE WHEELS & TIRES
864-SMA146B	87604747	Gauge wheel 4.5” x 15.5” assembly, Black Steel Wheel with nylon cover, chined tire, bearing SMA5203PP2.
864-SMA144B	225349A1	Gauge wheel 4.5” x 15.5” assembly, Black Steel Wheel with nylon cover, chined tire, bearing SMA88515240.
864-SMA33297	—	Press Wheel, Metal with Stem Bearing (Cross Hole) for 5100 and 5400 Grain Drills.
013-451550C	128633C1, 87602293	Tire 4.5” x 15.5” for models 800, 900, 950 and 955.
013-6512CTT	90854C1, 149212C1	Traction tread tire 6.5” x 12” for 800 series, 5400-5500 series soybean special. (smooth)
		CLOSING SYSTEM
864-SMA1277891	1277891C91	Covering Disc Assembly 8" x .118" Thick, Cap Included. For 800, 900, 950, 955, 1200 Series and 5400, 5500 Grain Drills.
864-SMA1277891C	—	Dust Cap for Covering Disc Assembly
864-SMA1264391	1264391C1	Spring for Planter Covering Discs 6-7/8" Long. For Minimum Tillage Applications.
864-SMA147425	436715A1, 147425C5	Closing Wheel Tensioner Spring. For 800, 900, 950, 955, 1200 Series Planters.
864-SMA147425	147425C5	Press wheel spring (new style) for models 800, 900, 950 and 955.
		PARALLEL LINKAGE
864-SMA436740	436740A1	Upper Parallel Arm 15-7/8" Long, 2 Used Per Row. Fits 800, 900, 955, 1200 Planters and 5400, 5500 Soybean Special.
864-SMA436741	436741A1	Lower Parallel Arm 15-7/8" Long, 1 Used Per Row. Fits 800, 900, 955, 1200 Planters and 5400, 5500 Soybean Special.
864-SMA1254302	1254302C1	Parallel Arm Bushing 0.53" ID x 0.87"OD x 0.66" Wide. For Standard Rows of Planter, Fits 900, 1200 Series.
864-SMA137512	137512C3	Parallel Arm Bushing 0.53" ID x 0.87" OD x 0.53" Wide. For Lockup Rows of Split-Row Planters, Fits 900, 1200 Series.
864-IH12K	KIT	Parallel Arm Fastener Kit with 4 Each 88530 Carriage Bolts, 86992215 Lock Nuts and 81287 Washers.

SMA146B

6512CTT

451550C

SMA1264391


SMA436740

SMA436741

SMA147425

SMA1277891

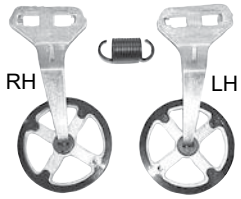
Planter Parts for Case IH V-Shot

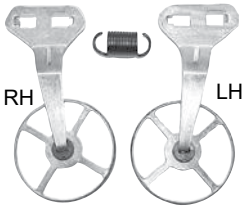
PART NO.	DESCRIPTION
918-9885VS	Includes Slicer, Fertilizer Tubing and Mounting Hardware. For Case IH 1200 Series Early Riser Planters.

Chain Assemblies & Accessories

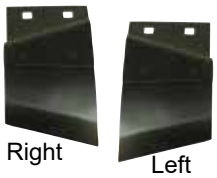
PART NO.	REPLACES	DESCRIPTION
673-P41120	237999A1	Seed hopper meter drive chain, for 1200 series
673-P205056		Chain assembly for main wheel on 800 & 900 series CYCLO after S/N 14501. 55 Links plus 1 connector.
673-P204044		Outer seed drive chain for 800 series CYCLO. 43 Links plus 1 connector.

Planter Parts for John Deere®
SCRAPERS AND ARMS





SMA98180KIT



PART NO.	REPLACES	DESCRIPTION
864-RS231K	BA28945	Rotating disc scraper kit with nylon covers. Includes two wheels, spring and LH, RH arms. For models 1530, 1535, 1700, 1760, 1780, 7000, 7100, 7200, 7300, 7340.
864-RS331K	—	Rotating disc scraper kit with all metal wheels. Includes two wheels, spring and LH-RH arms. For models 1530, 1535, 1700, 1760, 1780, 7000, 7100, 7200, 7300, 7340.
864-RS221	AA37221	Rotating disc scraper wheel with nylon cover. (See kit RS-231K picture)
864-RS315	AH133315	Rotating disc scraper all metal wheel. (See kit RS-331K picture)
864-RS735	AA35734	Scraper arm, left hand. Used with RS-231K, RS-331K, 7012102 kits.
864-RS734	AA35735	Scraper arm, right hand. Used with RS-231K and RS-331K, 7012102 kits.
864-SMA98180KIT	A98182, A98183, A50047	Scraper kit with SMA-99160KIT. Fits 1705 to 1795 and DB44 to DB120 planters.
864-SMA50047	A50047	Spring for scraper kits RS231K, RS331K, SMA99160KIT, and SMA98180KIT.
488-123012L	AA26444	Scraper, left hand for models 7000, 7100.
488-123012R	AA26443	Scraper, right hand for models 7000, 7100.
488-123637	A32637	Seeder blade scraper for models 7000, 7100.
488-1237104	A22778	Dirt shield for models 7000 thru 7100.

123637

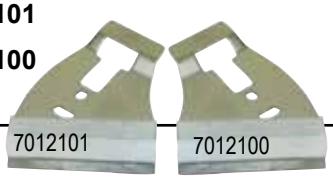
AG SMART

SMA99180KIT

SMA99160KIT

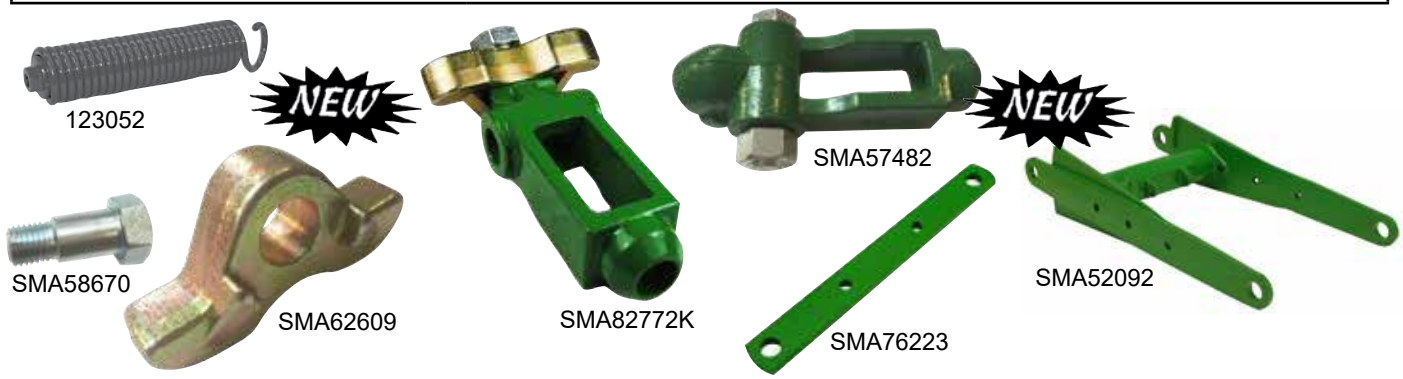
TUNGSTEN CARBIDE BLADE SCRAPER KITS

864-SMA99180KIT	A98182, A98183, A50047	HD Scraper kit with 1 each right hand, left hand carbide blades and spring (A50047). Fits 1705 to 1795 and DB44 to DB120 planters.
864-SMA99160KIT	—	HD Scraper kit with 1 each left hand, right hand carbide blades, LH, RH arms and spring (A50047). Fits 7200 and newer, XP, XP Pro, MaxEmerge Plus, MaxEmerge 2.
864-7012102	AA62559	HD Scraper kit with 1 each left hand, right hand carbide blades Only.
864-7012101		Carbide scraper blade left hand.
864-7012100		Carbide scraper blade right hand.
970-B22P		Hitch Pin Clip 5/64” x 1-5/16”. Sold Per Bag, 10 Per Bag.



Planter Parts for John Deere®
GAUGE WHEEL DEPTH CONTROL & PARALLEL LINKAGE

PART NO.	REPLACES	DESCRIPTION
GAUGE WHEEL DEPTH CONTROL HARDWARE		
864-SMA82772K	KIT	Rocker Body Kit for Walking Gauge Wheels. Fits MaxEmerge Plus, Pro, XP, XP Pro, 1530 and 1535. Includes A82773 Stop, A62609 Pivot and A58670 Shoulder Bolt. Mounting Bolt Not Included.
864-SMA57482	AA57482	Rocker Body with Mounting Hardware (bolt and bushing) for Walking Gauge Wheels. Fits MaxEmerge Plus, Pro, MaxEmerge 2 (late), 1530. Shoulder Bolt and Rocker Pivot Not Included.
864-SMA62609	A62609	Rocker Pivot for Walking Gague Wheels. Fits MaxEmerge Plus, Pro, MaxEmerge 2 (late), XP, XP Pro, MaxEmerge 5, 1530, 1535.
864-SMA58670	A58670	Shoulder Bolt for Rocker Body. Fits MaxEmerge Plus, Pro, MaxEmerge 2 (late), XP, XP Pro, MaxEmerge 5, 1530, 1535.
PARALLEL LINKAGE		
864-SMA76223	A76223	Upper Parallel Arm, Standard 15.75” Length, 2 Used. Fits MaxEmerge 2, Plus, Pro, XP, XP Pro, MaxEmerge 5, ExactEmerge.
864-SMA52092	A52092	Lower Parallel Arm, Standard 15.75” Length, 1 Used Per Row Unit. Fits MaxEmerge 2, Plus, Pro, XP, XP Pro, MaxEmerge 5, ExactEmerge.
864-SMA61571	A61571	Upper Parallel Arm, Extended 23” Length, 2 used. Fits MaxEmerge 2, Plus, Pro, XP, XP Pro, MaxEmerge 5, ExactEmerge.
864-SMA84382	A84382	Lower Parallel Arm, Extended 23” Length, 1 Used Per Row Unit. Fits MaxEmerge 2, Plus, Pro, XP, XP Pro, MaxEmerge 5, ExactEmerge.
864-SMA48515	A48515	Parallel Arm Bushing, 9/16” Wide, Up to 7 Used Per Row Unit. Fits MaxEmerge 2, Plus, Pro, XP, XP Pro, MaxEmerge 5, ExactEmerge.
864-SMA49465	A49465	Parallel Arm Bushing, 21/32” Wide, Up to 2 Used Per Row Unit. Fits MaxEmerge 2, Plus, Pro, XP, XP Pro.
864-SMA78121	A78121	Parallel Arm Bushing, 13/16” Wide, 1 Used Per Row Unit. Fits Pro, XP, XP Pro, MaxEmerge 5, ExactEmerge.
488-123044	A43609	Down Pressure Spring for MaxEmerge, 2, Plus, Pro, XP, XP Pro Units.
488-123068	AA28046	HD Down Pressure Spring with Plug for MaxEmerge 7000, 7100 Series.
488-123052	AB10071	Down Pressure Spring with Plug for MaxEmerge 7000, 7100 Series.



Planter Parts for John Deere®
DISC OPENER ASSEMBLIES

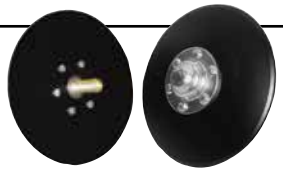
PART NO.	REPLACES	DESCRIPTION
864-SMA55927	AA55927, AA37474	15” x 3mm Thick Blade, Bearing, Rubber Dust Cap. For Models 7000-7340, 1700, 1525, 1530. - Standard Pack 120 per Box -
864-SMA53860	AA53860	15” x 3.5mm Thick HD USA Blade, Bearing, Rubber Dust Cap. For Models 7000-7340, 1700, 1525, 1530. - Standard Pack 120 per Box -
864-JD8 60	—	15” x 3.5mm Thick, HD Import Blade, Bearing, Rubber Dust Cap. For Models 7000-7340, 1700, 1525, 1530. - Standard Pack 156 per Box -
864-SMA65248	AA65248	15” x 3.5mm Thick HD USA Blade, Double-row Bearing with SMA78218 Dust Cap. For XP, XP-Pro, 1530 TruVee Drill, 1535 Integral Drill, ExactEmerge and MaxEmerge 5. - Standard Pack 100 per Box -
864-HD65248	AA65248	HD with Cast Hub 15” x 3.5mm Thick USA Blade, Double-row Bearing with SMA78218 Dust Cap. For XP, XP-Pro, 1530 TruVee Drill, 1535 Integral Drill, ExactEmerge and MaxEmerge 5. - Standard Pack 100 per Box -
864-SMA48879	A48879	Opener Guard MaxEmerge 2, MaxEmerge Plus, Pro, XP, XP Pro. For Models 1530, 1535, 1760, 1780, 7200, 7300, XP Planter
		DUST CAPS & BEARINGS
488-SMA52024	A52024	Dust Cap, Rubberized Plastic for Disc Opener Assemblies 55927 and 53860
488-SMA78218	A78218	Dust Cap, Rubberized Plastic for Disc Opener Assembly SMA65248
851-SMA59196	A59196	AgSmart Double-row Bearing for SMA65248 Disc Opener Assembly.
851-K21480	—	Bearing for SMA55927 and SMA53860 Disc Opener Assemblies
		COULTER BLADES
845-W72678	A72678	16” 13-Wave, 3/4” Wide, .177 Thick, 4-3/4” Bolt Circle, 5-Bolt Pattern. Fits MaxEmerge 2, MaxEmerge Plus, Pro, XP, XP Pro, 1530, 1535
845-W72680	A72680	16” 25-Wave, 5/8” Wide, .177 Thick, 4-3/4” Bolt Circle, 5-Bolt Pattern. Fits MaxEmerge 2, MaxEmerge Plus, Pro, XP, XP Pro, 1530, 1535
		COVERING DISC
864-SMA58321	AA33061 AA58321	Covering Disc Assembly, 8” with Bearing, Hub and Bolt for Disc Closing Attachment Unit. For Models 7200, 7300, 1705, 1720, 1725, 1760, 1780, MaxEmerge Plus, XP and Pro, also Deere-Orthman DR Series Planters 12,16, 18, 24.

SMA55927

HD65248

SMA65248

W42678



59196

SMA48879

K21480

Planter Parts for John Deere®
FERTILIZER DISC OPENER ASSEMBLIES

PART NO.	REPLACES	DESCRIPTION
864-SMA27458	AA27458, AA57466	Fertilizer Disc Opener Assembly, 13.5" Blade. Uses Stamped Bearing Housing and SMA52024 Dust Cap. 150 Per Box
864-HD27458	AA27458	Fertilizer Disc Opener Assembly Heavy Duty, 13.5" Blade. Uses Machined Bearing Housing and Attaches Directly to Fertilizer Bar. No Ring/Spacer Required. 100 Per Box
864-HD57466	AA57467	Fertilizer Disc Opener Assembly, 13.5" Blade. Uses Machined Bearing Housing and Attaches Directly to Row Unit. Ring/Spacer Included. 100 Per Box
DUST CAP & NUTS		
514-32457C	—	Metal Dust Cap for Fertilizer Disc Opener Assembly HD27458, HD57466
488-1237188	14H821	Nut for Disc Opener Assembly - Right Hand
488-1237189	14H944	Nut for Disc Opener Assembly - Left Hand

Planter Parts for John Deere®
ROW UNIT PARTS & ACCESSORIES

PART NO.	REPLACES	DESCRIPTION
488-123056	AA31217, GA6056	Closing wheel arm for models 7000, 7100 and Kinze planter.
864-SMA26311	A26311	Spiral pin, 1/4” x 1-1/4” for wheel arm 50 per bag. (Sold full bags only)
488-1237340	AA37552	Closing wheel arm for models 1760, 1780, 7200 and 7300 planters and attachments.
488-123723	A48430	Cam collar bushing - RH. For 1237340 closing wheel arm.
488-1236081	A53242	Non-eccentric bushing for 123056 closing wheel arm on models 7200, 7300. Shaft collar bushing for disc closing attachment on 1760, 1780.
864-SMA53118	A53118	Support Stop for models 7200, 7300 MaxEmerge and 1700.
864-SMA93258	A61351, A69141, A86763	Closing wheel arm for models MaxEmerge Plus, XP, Pro XP, Pro, 1750 and 1530, 1535 drills.
864-SMA93258KIT	KIT	Closing wheel arm kit. Includes cast iron wheel arm, support, T-handle, spring, bushings and fasteners. Wheels not included. For MaxEmerge 2, Plus, Pro, XP, XP Pro and 1530, 1535 Drills.
864-SMA55888	A55888	Wheel arm bushing for SMA61351
488-123054	AA23116	Closing wheel spring with plug for models 7000, 7100.
488-123052	AB10071	Down pressure spring with plug for models 7000, 7100.
488-123068	AA28046, AA35876	Heavy duty down pressure spring with plug.
488-123044	A43609	Standard down pressure spring for models 7200, 7300.
488-123132	A47132	Closing wheel spring for models 7200, 7300 and 7340.
851-SMAAB16768	AB16768	Press wheel bearing for cotton attachment.
864-SMA16787	AB16787	Press wheel bracket only.

SMA123056

SMA1237340

12354

SMA55888

SMA93258KIT

SMA53118

SMA123052

Planter Parts for John Deere®
CLOSING WHEELS, TIRES & BEARINGS

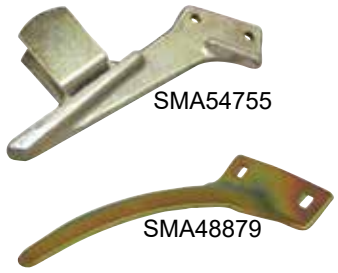
PART NO.	REPLACES	DESCRIPTION
With Steel Wheel Halves		
864-SMA39968M	AA39968	Closing wheel assembly 1” x 12”, bearing SMA5203PP2, for model 1700.
864-SMA33297	—	Closing wheel assembly 1” x 12”, bearing SMA885152, for models 7000, 7100.
With Nylon Wheel Halves		
864-SMA43899	AA43899	Closing wheel assembly 1” x 12”, bearing SMA885152, for models 7000, 7100, grain drills 515, 520.
864-SMA43898	AA43898	Closing wheel assembly 1” x 12”, bearing SMA5203TN1, cap not included. For models 7200, 7300
864-SMA39968	AA39968	Closing wheel assembly 1” x 12”, bearing SMA5203PP2, for model 1700.
013-11240	A6434	Closing wheel assembly 1” x 12”. Uses bearing 5203KYY2
Closing Wheel Halves & Tire		
013-11200	—	Black wheel half for SMA43899, 1” x 12” wheel assembly
013-112SC	A22325	Closing wheel tire, 1” x 12”
BEARINGS		
864-SMA35638P	AA35638	Closing wheel bearing kit for 7200, 7300 Max-Emerge 2. Also used on 750 grain drill and 886 row crop cultivator. Used in early SMA43898 nylon wheels and all AA34211 metal wheels.
851-SMA5203TN1	2-203JD	Double-row bearing 17mm I.D. for planter and drill wheels. Used in SMA35638 for SMA43898 planter wheel. AgSmart
851-SMA885152	AA35741, AA21015	Stem bearing with hole, fits closing and press wheel on 7000-7100 and CIH 800 planters. AgSmart
308-5203KYY2	AN212132	Double-row ball bearing 5/8” I.D. and 2-lip seal. Fits SMA39968 and many 4.5” x 16” wheel assemblies. Fafnir
851-SMA5203PP2	AN212132	Double-row ball bearing 5/8” I.D. and 3-lip seal. Fits SMA39968 and many 4.5” x 16” wheel assemblies. AgSmart

Listed parts are made by various manufacturers and are not original ent parts for use in equipment of various manufacturers. Original part numbers and products mentioned herein may be trademarks or registered trademarks of the respective companies and the use of are for reference purposes only. Our company and the parts listed herein are not connected in any way with the equipment manufacturers mentioned herein.

Planter Parts for John Deere®

SEED TUBES & ACCESSORIES

PART NO.	REPLACES	DESCRIPTION
864-SMA55880	A48302, A55880	Seed tube with monitor hole for models 7200, 7300, 7340.
864-SMA26183	A26183	Seed tube with monitor hole for 7000, 7100. 24 per carton
864-SMA80203	A80203	Seed Tube Guard for XP and XP Pro Row Units Before SN 720100
864-SMA97107	A97107	Seed Tube Guard for XP and XP Pro Row Units After SN 720100
864-SMA25925	A57071	Seed tube no monitor hole for 7000, 7100. 24 per carton
864-SMA67780	AA67780	Seed tube kit. Smooth-faced translucent tube is made of polycarbonate material and allows for sensor to be mounted externally. This provides a completely smooth surface for the seed which results in a more consistent seed spacing. Compatible with all existing John Deere® planter seed sensors. Includes ensor seal and two nylon ties. For 1530, 1535, 1700 series, 7300, XP, XP-Pro.
864-SMA54755	AA54755	Seed tube guard with holder. Includes two spiral pins.
864-SMA41692	A61577, A41692	Guard-scraper (cast frog) for models 1530, 1535, 1700, 1760, 1786, 7000 thru 7340.
864-SMA48879	A48879	Opener guard for models MaxEmerge 2, MaxEmerge Plus, XP, XP-Pro, 1530, 1535, 1760, 1780, 7200, 7300.
488-123103	A41692	Guard-scraper (cast frog)
488-1230841	A41826	Roll pin used to attach SMA41692 guard-scraper.
488-1230104	A42737	Seed depth stop for models 7000, 7100.
488-123218	—	Parallel arm bushing 5/8” ID x 7/8” OD x 9/16” long.



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Planter Parts for John Deere®
SPOOLS & SPROCKETS

PART NO.	REPLACES	DESCRIPTION
864-SMA22838	A22838	Plastic idler spool 1-9/16” diameter for seed hopper chain on models 7000 to 7340
864-SMA30968	B30968 B30969	Plastic idler spool 1-7/8” diameter for models 7000 to 7340
864-SMA22628	A22628	Plastic idler spool 2-1/4” diameter for drive wheel on models 7000 to 7340
488-123646	AA35646	Hanger bearing, 7/8” hex bore
310-SMA17383	A17383	Hitch lift pin for model 7000 - 7100, MaxEmerge and Kinze. (Category 2 & 3)
514-JD32729	AA32729	Idler sprocket, 1/2” bore, #40 chain, 14 tooth
514-JD32776	AA32776	Idler sprocket, 1/2” bore, #50 chain, 12 tooth
488-1231212	G1K212	Idler update kit
514-JD22097	AA22097, JD9260, G2100-03	7/8” hex bore planter bearing
514-JD28271	AA28271	7/8” hex bore planter bearing, seed transmission and wheel support.

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Planter Parts for John Deere®
SLICER KNIVES & MOUNTING HARDWARE

TF001785

1785VS

1985VS

PART NO.	REPLACES	DESCRIPTION
918-TF001785	001785	Slicer Knife Made from Cast Chrome Material. Used on MaxEmerge with Curved Seed Tube.
918-TF001985XP	001985XP	Slicer Knife Made from Cast Chrome Material. For XP Planters.
918-STCLIP	001785XPCLIP	Seed Tube Clip for 001785, 001985 Slicing Insert.
693-1786P	—	Fastener Kit for TF001785 (required). 5/16" x 7/8" Slotted Head Bolt, 5/16" Locking Jam Nut and 5/16" x 3/4" Roll Pin. (not shown)
918-TF954141	954141	7C Slicing Blade with J-Bolt for 959600 Lister. Also for Case Planter.
918-TF410000	410000	10C Slicing Blade with Square Head Bolt for 100040 Opener. Also for Case Planter.
918-1785VS	—	Includes Slicer, Fertilizer Tubing and Mounting Hardware. For MaxEmerge Pre-2006 and Kinze 2000 Series.
918-1985VS	—	Includes Slicer, Fertilizer Tube, Mounting Hardware For MaxEmerge after 2006, XP, and XP Pro.

GAUGE WHEEL ARMS

PART NO.	REPLACES	DESCRIPTION
864-SMA7017	AA41968, AA54179, AA79647	Gauge wheel arm kit with 2 bushings. For 7000-7300, MaxEmerge 2, MaxEmerge Plus and 1530, 1535 grain drills.
864-SMA79648	A79648	Gauge wheel arm kit with 1 bushing, for XP planters.
864-SMA57057	A57057	Threaded sleeve for 1" bolt
864-SMA57058	A57058	Threaded sleeve for 5/8" bolt
864-SMA26311	A26311	Heavy duty spirol pin, 1/4" x 1-1/4" for wheel arm 50/bag. Sold full bags only.
864-SMA97866	A97866, AA82684	Gauge Wheel Arm Kit with Grease Zerk and Set Screw. 16mm (5/8") ID Threaded Sleeve, 4 Shims, 1 Washer, Bolt M16x100mm. Fits MaxEmerge Plus, Pro Series.
864-SMA92817	A92817	Gauge Wheel Arm Kit with Grease Zerk. 16mm (5/8") ID Threaded Sleeve, 4 Shims, 1 ea. Bolts M16X100mm, M17x70mm. Fits Series 1700 s/n 760101 & up, DB s/n 755001 & up.

SMA7017

SMA97866

SMA92817

Planter Parts for John Deere®
GAUGE WHEELS

PART NO.	REPLACES	DESCRIPTION
864-SMA9Y	AA32046 AA35392	Gauge wheel 4.5” x 16” assembly, **Yellow Steel Wheel**, chined tire, bearing SMA88515240. For models 7000, 7100, 7300, MaxEmerge before 1992.
864-SMA9B	AA32046, AA35392	Gauge wheel 4.5” x 16” assembly, **Black Steel Wheel**, chined tire, bearing SMA88515240. For models 7000, 7100, 7300, MaxEmerge before 1992.
864-SMA132B	AA41359	Gauge wheel 4.5” x 16” assembly, **Black Steel Wheel** and a Nylon Cover, chined tire, bearing SMA88515440. For models MaxEmerge Plus, Pro. (SMA assembly)
864-SMA130B	AA41359	Gauge wheel 4.5” x 16” assembly, **Black Nylon/Steel Wheel**, chined tire, bearing SMA88515440. For models MaxEmerge Plus, Pro. (Carlisle assembly)
864-SMA99Y	AA41359	Gauge wheel 4.5” x 16” assembly, **Yellow Steel Wheel**, chined tire, bearing SMA88515440. For models 7300, MaxEmerge Two built after 1991, 1700, MaxEmerge Plus.
864-SMA99B	AA41359	Gauge wheel 4.5” x 16” assembly, **Black Steel Wheel**, chined tire, bearing SMA88515440. For models 7300, MaxEmerge Two built after 1991, 1700, MaxEmerge Plus.
864-SMA142B	AN281360	Gauge wheel 4.5” x 16” assembly, **Black Steel Wheel** and a Nylon Cover, chined tire, bearing SMA5203PP2. For models MaxEmerge Plus, Pro. (SMA assembly)
864-SMA140B	AN281360	Gauge wheel 4.5” x 16” assembly, **Black Nylon/Steel Wheel**, chined tire, bearing SMA5203PP2. For models MaxEmerge Plus, Pro. (Carlisle assembly)

SMA132B

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Planter Parts for John Deere®
GAUGE WHEEL HALVES, TIRES & BEARINGS

SMA88515440

SMA885152

SMA88515240

PART NO.	REPLACES	DESCRIPTION
GAUGE WHEEL HALVES & TIRES		
864-730014	—	Wheel half 4.5” x 16” black with eight outside bolts for use with SMA142B. Will fit SMA9B, 98B and 99B.
864-416CV01	—	Nylon wheel cover 4” x 16” black for use with SMA142B.
864-9570Y	A22780	Yellow wheel half for SMA9Y wheel assembly
864-9570B		Black wheel half for SMA9B wheel assembly
013-45160C	A22884	Gauge wheel tire 4.5” X 16” for SMA9, 98 and 99. For models 610, 750, 1560, 1565, 1590, 1690,1850, 1860, 1865, 1869, 1890, 1895.
013-4516XP	A77881, A84062	Offset planter tire 4.5” x 16 for MaxEmerge- Plus, XP; Pro XP, 1530, 1535, 1560, 1565, 1690, 1705, 1715, 1725, 1735, 1755, 1765, 1785, 1795, 1860, 1895, 1990.
013-6512CST	A58851	Gauge wheel planter tire 6.5” x 12” smooth crown
BEARINGS		
864-SL4X16	A25915, B118	Bearing sleeve, for SMA9 wheel assembly.
851-SMA885152	AA35741, AA21015,	AgSmart stem bearing with hole, for closing and press wheel on 7000-7100 & C/IH 800. SL4X16 sleeve required on press wheel. Replaces Kinze A2022, C/IH 128558C91.
851-SMA88515240	AA35951	AgSmart stem bearing with hole for 4”x16” wheel. No sleeve required.
851-SMA885154B	AN131668	Groove style stem bearing, short.
851-SMA88515440	—	AgSmart Groove style stem bearing for 4”x16” wheel. No sleeve required.
308-5203KYY2	AN212132	Double-row ball bearing 5/8” I.D. & 2-lip seal. For SMA39968 and many 4.5” x 16” wheel assemblies.
851-SMA5203PP2	AN212132	AgSmart double-row ball bearing 5/8” I.D. and 3-lip seal. For SMA39968 and many 4.5” x 16” wheel assemblies.

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Planter Parts for John Deere®
CHAIN ASSEMBLIES

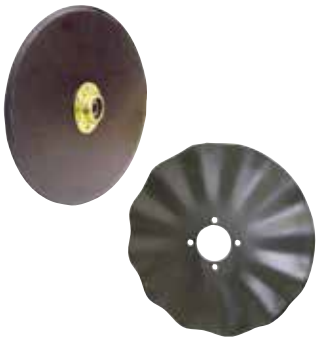
All Assemblies Include One Connector

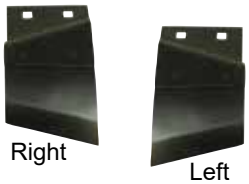
PART NO.	REPLACES	DRIVE CHAIN FOR	LINKS
		7000 - 7100 SERIES	
673-P204038	AA21484	Countershaft to seed transmission	37
673-P204044	AA21483	Seed transmission	43
673-P205050	AA28486	Wheel drive for 7100	49
673-P205053	AA37881	Wheel drive for 4N, 4W, 6N, 7000, 1 offset	51
673-P205056	AA22372	Wheel drive for 6W, 8N, & 12N, 7000	55
673-P41110	A26048	Insecticide / herbicide	109
673-P4198	AA20978	Seed meter	97
		7200 - 7300 SERIES	
673-P40105	AA32249	Countershaft to seed transmission, 1 offset	103
673-P41102	AA33049	Plateless seed meter	101
673-P41104	AA33048	Insecticide / herbicide	103
673-P41105	AA42795	Plateless seed meter, 1 offset	103
673-P41112	AA33060	Vacuum seed meter for 1720, 1760, 1780, MaxEmerge Plus & XP	111
673-P41113	AA43718	Vacuum seed meter for MaxEmerge 2 after 1992	112
673-P50113	AA37980	Wheel drive for 7200, 1 offset	111
673-P50116	AH131563	Wheel drive for 7300	115
		1700 SERIES	
673-P40104	AA35365	Driver reverser for 1780	103
673-P40105	AA32249	Countershaft to seed transmission for 1770, 1 offset	103
673-P40128	AA35503	Seed transmission drive for 1780	127
673-P4160	AA35927	Jackshaft drive chain for 1770	59
673-P50140	AA32887	Wheel drive for 1770	139

Note:
Not All Chain Assemblies Stocked At All Locations

Planter Parts For Kinze

DISC OPENER & COULTER BLADES





PART NO.	REPLACES	DESCRIPTION
864-SMA8324	GA8324	Seed disc opener assembly heavy duty, 15” x 3.5mm blade. Standard Pack 120 Per Box
845-SMA9254	D9254	16” wavy coulter blade. 13-wave 3/4” , 4mm thick (8ga), 4” center hole, 5-1/4” bolt circle with 4 bolt holes 17/32”. – For More Coulter Blades See Section 1 –
SCRAPERS		
488-123012L	GA2012L	Scraper, left hand for planter disc openers
488-123012R	GA2012R	Scraper, right hand for planter disc openers
488-1237104	GD1104, GD1033	Dirt shield for disc openers
SLICER KNIFE		
918-TF001785	001785	Slicer knife made from cast chrome material. Used on Row Unit with curved seed tube.
918-1885VS NEW	—	Includes Slicer, Fertilizer Tubing and Mounting Hardware. For Kinze 3000 Series Row Units.
918-1785VS	—	Includes Slicer, Fertilizer Tubing and Mounting Hardware. For Kinze 2000 Series.
SEED TUBES & ACCESSORIES		
864-SMA26183	GR0667	Seed tube with monitor hole. 24/ctn.
864-SMA25925	GD1130	Seed tube without monitor hole. 24/ctn.
864-SMA41692	—	Guard-Scraper (cast frog)
488-1230841	GB10241	Roll pin used to attach guard-scraper SMA41692
488-123102	GB0102	Handle for depth adjustment assembly on model GB0102
488-1230104	GB0104	Seed depth stop
488-123218	GB0218	Parallel arm bushing 9/16” long, 5/8” I.D. x 7/8” O.D.

Planter Parts For Kinze

GAUGE WHEELS & ACCESSORIES

PART NO.	REPLACES	DESCRIPTION
		GAUGE WHEELS
864-SMA9W	A2021	Gauge wheel 4.5” x 16” assembly, **Off-White Steel Wheel**, chined tire, bearing SMA88515240. For row unit
864-SMA98W	GA7949	Gauge wheel 4.5” x 16” assembly, **Off-White Steel Wheel**, chined tire, bearing SMA5203PP2.
864-SMA142W	GA7949	Gauge wheel 4.5” x 16” assembly, **Off-White Steel Wheel** and a nylon cover, chined tire, bearing SMA5203PP2.
		GAUGE WHEEL HALVES & TIRES
864-416CV03	—	Nylon wheel cover 4” x 16” off-white for use with SMA142W.
864-9570W	—	White wheel half for SMA9W wheel assembly
864-640038	—	Wheel half 4.5” x 16” off-white with eight outside bolts for use with SMA98W & 142W.
013-204008	GD1086	Gauge wheel tire 4.5” x 16 for SMA -9, 98 & 99 also Kinze / White 6100 series planters.
		GAUGE WHEEL ARMS
488-1236614	GA6614	Gauge wheel arm new style. Threaded right hand 5/8”-11, smooth sleeve.
864-SMA26311	—	Spiral pin 1/4” x 1-1/4” heavy duty for wheel arms 50/bag. (Sold Full Bags Only)
		BEARINGS
864-SL4X16	GB0118	Bearing sleeve, for SMA9 wheel assembly.
851-SMA885152	—	AgSmart stem bearing with hole.
851-SMA88515240	AA35951	AgSmart stem bearing with hole for 4”x16” wheel. No sleeve required.
308-5203KYY2	GA6171	Double-row ball bearing 5/8” I.D. and 2-lip seal. For SMA39968 and many 4.5” x 16” wheel assemblies.
851-SMA5203PP2	GA6171	AgSmart double-row ball bearing 5/8” I.D. and 3-lip seal. For SMA39968 and many 4.5” x 16” wheel assemblies.

SMA88515240

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Planter Parts For Kinze

CLOSING WHEELS & ACCESSORIES

PART NO.	REPLACES	DESCRIPTION
864-SMA43899	—	Closing wheel assembly 1” x 12” nylon wheel halves, bearing SMA885152.
013-11240	A6434	Closing wheel assembly 1” x 12”, double-row ball bearing 5/8” I.D. 5203KYY2
013-112SC	GA108	Closing wheel tire, 1” x 12”
851-SMA5203PP2	GA6171	AgSmart double-row ball bearing 5/8” I.D. and 3-lip seal. For SMA39968 and many 4.5” x 16” wheel assemblies.
488-123056	GA6056	Closing wheel arm for Kinze row units built before 1993.
864-SMA26311	—	Spiral pin, 1/4” x 1-1/4” for wheel arm. 50 per bag. (Sold Full Bags Only)
488-123113	GB0113	Arm stop for planter closing wheel arm assembly GB0113
488-123054	GA2054	Closing wheel spring with plug
488-123052	GA2052	Down pressure spring with plug
488-123249	GD8249	New style down pressure spring for quick adjustment

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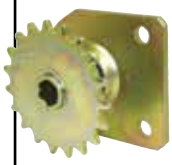
Planter Parts For Kinze

IDLER ARMS, SPOOLS & SPROCKETS

1231212

PART NO.	REPLACES	DESCRIPTION
864-SMA22838	—	Plastic idler spool 1-9/16” diameter for seed hopper chain on models 7000 to 7340
864-SMA30968	GD1067	Plastic idler spool 1-7/8” diameter for models 7000 to 7340
864-SMA22628	—	Plastic idler spool 2-1/4” diameter for drive wheel on models 7000 to 7340
310-SMA17383	—	Hitch lift pin for model 7000 - 7100, MaxEmerge and Kinze. (Category 2 & 3)
488-123057	GA2057	Drive sprocket 9/16” hex bore
488-1231212	G1K212	Idler update kit
488-123213	G1K213	Idler arm for G1K213 herbicide drive



CHAIN ASSEMBLIES

All Assemblies Include One Connector

PART NO.	REPLACES	DESCRIPTION
673-P4196	G3303-96	Mechanical seed meter, push unit. #41, 95 links
673-P4198	G3303-98	Mechanical seed meter, pull unit. #41, 97 links
673-P41100	G3303-100	Vacuum seed meter, Push Unit. #41, 99 links
673-P41108	G3303-108	Vacuum seed meter, insecticide or pull unit. #41, 108 links
673-P41114	G3303-114	Mechanical insecticide, #41, 113 links
673-P40132	G3310-132	Connect wheel drive model 3000. #40, 131 links
803-US4080	G3310-80	Planter chain #40 Diamond USA, 179 links
803-US4092	G3310-92	Planter chain #40 Diamond USA, 91 links
803-US40100	G3310-100	Planter chain #40 Diamond USA, 199 links
803-US40110	G3310-110	Planter chain #40 Diamond USA, 109 links
803-US40118	G3310-118	Planter chain #40 Diamond USA, 117 links
803-US40132	G3310-132	Planter chain #40 Diamond USA, 131 links
803-US40208	G3310-208	Planter chain #40 Diamond USA, 207 links
803-US40226	G3310-226	Planter chain #40 Diamond USA, 225 links

DISC OPENER ASSEMBLY, GAUGE & CLOSING WHEELS

PART NO.	REPLACES	DESCRIPTION
864-SMA9263	900263	Disc opener assembly heavy duty, 15” x 4mm blade with cast hub and double-row ball bearing. Standard pack 120 per box

GAUGE WHEELS – STEEL WHEELS HALVES, TIRE		
864-SMA9W	7073	Gauge wheel 4.5” x 16” assembly with **Off-White Steel Wheel**, chined tire and bearing SMA88515240. For row unit
864-SMA142B	7073.N	Gauge wheel 4.5” x 16” assembly with **Black Steel Wheel** and a nylon cover, chined tire, bearing SMA5203PP2.
864-730014	—	Wheel half 4.5” x 16” black with eight outside bolts for use with SMA142B. Will fit SMA9B, 98B and 99B.
864-416CV01	—	Wheel cover nylon 4”x16” black for use with SMA142B.
013-45160C	—	Gauge wheel tire 4.5” X 16”

CLOSING WHEELS – NYLON WHEEL HALVES, TIRE		
864-SMA43899	7074	Closing wheel assembly 1” x 12”. Nylon wheel halves, bearing SMA885152.
864-SMA39968	7074.N	Closing wheel assembly 1” x 12”. Nylon wheel halves, bearing SMA5203PP2.
013-112SC	—	Closing wheel tire, 1” x 12”

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Planter Parts for White

DISC OPENER ASSEMBLY, GAUGE & CLOSING WHEELS

PART NO.	REPLACES	DESCRIPTION
		DISC OPENER ASSEMBLY
864-SMA164107	700155037, 700164107	15” x 3.5mm Disc Opener Assembly for 8000 series. Standard pack 120 per box
527-204WC	IH204C	Dust cap for disc opener assembly
		GAUGE WHEELS & TIRE
864-SMA9W	—	Gauge wheel 4.5” x 16” assembly with **Off-White Steel Wheel**, chined tire, and bearing SMA88515240. For 5100 and 5700 series
864-SMA99W	853998	Gauge wheel 4.5” x 16” assembly with **Off-White Steel Wheel**, chined tire, bearing SMA88515440. For 6000 series
864-SMA142B	N859182	4.5” x 16” Assembly with **Black Steel Wheel** and a nylon cover, chined tire, bearing SMA5203PP2. For 8000 series
864-730014	—	Wheel half 4.5” x 16” black with eight outside bolts for use with SMA142B. Will fit SMA9B, 98B and 99B.
864-416CV01	—	Nylon wheel cover 4”x16” black for use with SMA142B.
013-45160C	852060	Offset planter tire 4.5” x 16”
		CLOSING WHEEL & TIRE
864-SMA39968	854262	Closing wheel assembly 1” x 12”, nylon wheel halves with bearing SMA5203PP2.
013-112SC	17632	Closing wheel tire 1” x 12”

Air Seeder Hose

BLACK & CLEAR

OEM Specifications and Quality

PART NO.	REPLACES	DESCRIPTION
485-CB1121	JD-AA54445, Kinze GR1947, CNH-86993485	1” x 100-ft. Black/Clear Hose. 1.25” OD, 1.9” Minimum Bend Radius, .26-lb/ft.
485-CB112212	JD-AA54447, CNH-86992286	2.5” x 100-ft. Black/Clear Hose. 2.84” OD, 6.0” Minimum Bend Radius, .87-lb/ft.

Seed Flow – Dry Powder Lubricant
PLANTER TALC & GRAPHITE

PART NO.	DESCRIPTION
	TALC
174-PT8P	AgSmart Planter Talc 8 lb. Jug - O/M 4
174-PT30P	AgSmart Planter Talc 30 lb. Bucket
	TALC / GRAPHITE
941-09058	AgSmart 50-50 Talc/Graphite 8 lb. Jug. O/M 4
941-09068	AgSmart 80-20 Talc/Graphite 8 lb. Jug. O/M 4
941-09014	AgSmart 80-20 Talc/Graphite 40 lb. Box
	GRAPHITE
941-99601	AgSmart Graphite Seed Flow Dry Powder 1 lb. Plastic Squeeze Bottle. O/M 24
941-99605	AgSmart Graphite Seed Flow Dry Powder 5 lb. Bottle. O/M 6

PT8P

PT30P

99601

09068, 09082

99605

Grain Drill & Air Seeder Parts for Case IH

PART NO.	REPLACES	DESCRIPTION
		DISC OPENERS, GAUGE WHEELS
845-P18508	87488385	Disc Opener Blade 18” x 5mm for Precision Disk 500, 500T Air Drills.
845-P22149	306001A1	Disc Opener Blade 22” x 6.35mm, Double Bevel. For SDX, Precision Disk 30, 40.
864-SMA146B	87604747	Gauge Wheel Assembly 4.5” x 15.5”, Black Steel Inner Wheel, Nylon Outer. CIH Style Reduced Inner Diameter Tire. Double-Row Ball Bearing 5/8” ID (SMA5203PP2). For SDX, Precision Disk 30, 40. (SMA Asby)
013-451550C	87602293	Gauge Wheel Tire 4.5” x 16” Reduced Inner Diameter Design. For SDX, Precision Disk 30, 40 Drills and Planters.
864-SMA140B	21618	Gauge Wheel Assembly 4.5” x 16”, Black Steel Inner Wheel, Nylon Outer. For Precision Disk 500, 500T Air Drills. (Carlisle Asby)
013-4516XP	87646854	Gauge Wheel Tire 4.5” x 16” for Precision Disk 500T Air Drills.
851-SMA5203PP2	306007A1	Double-Row Ball Bearing 5/8” ID for Closing and Gauge Wheels.

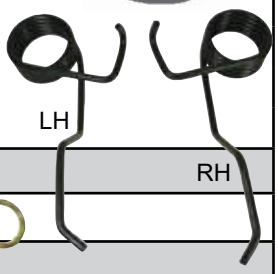
P18508

SMA146B

SMA140B

4516XP

PART NO.	REPLACES	DESCRIPTION
		PACKER WHEELS
864-SMA48P	AN281359	Packer wheel, 1” x 10” with heavy duty tire 5/8” I.D. CG203KRR2 bearing. For 750, 1500, 1600 and 1800 series.
013-110JD	AA38447	Packer wheel tire 1” x 10” for newer grain drills.
		GAUGE WHEELS - STEEL WHEEL HALVES &TIRES
864-SMA98Y	AN211864	Gauge wheel 4.5” x 16” assembly with **Yellow Steel Wheel**, chined tire, bearing SMA5203PP2. For 750, 1850 grain drills.
864-SMA98B	AN211864	Gauge wheel 4.5” x 16” assembly with **Black Steel Wheel**, chined tire, bearing SMA5203PP2. For 750, 1850 grain drills.
864-9570Y	A22780	Yellow wheel half for SMA98Y.
864-9570B	—	Black wheel half for SMA98B.
013-45160C	A22884, A84050	Gauge wheel tire 4.5” x 16” for SMA9, 98, 99. Also fits 610, 750, 1560, 1565, 1590, 1690, 1850, 1860, 1865, 1869, 1890 and 1895 planters.
013-4516XP	A77881, A84062	Offset planter tire 4.5” x 16” for 750 drill. Also fits MaxEmerge Plus, XP, Pro XP, 1530, 1535, 1560, 1565, 1690, 1705, 1715, 1725, 1735, 1755, 1765, 1785, 1795, 1860, 1895 and 1990 planters.
864-SMA282110	N282110	Cast iron closing wheel for 1560, 1590, 1690, 1860, 1890, 1895, 1990.
864-SMA213060	AN213060	Cast iron closing wheel assembly for 750 and 1850.
		HUB & BEARING KITS
982-213544	AN213544	4 Bolt hub with cups for seeder blade assembly on 750 grain drill and 1850 air seeder.
982-281856	AN281856	4 Bolt hub for grain drill.
864-SMA544BK	—	Bearing kit for AN213544 seeder blade hub, Contains:
IM44610	JD8253	Inner and outer cups
IM44643	JD8933	Inner and outer cones
14970	B13294	Inner and outer seals
SMA219000	N219000	Seal retainers
		COVERING CHAIN
511-1000	—	Covering chain for grain drill.
		TORSION SPRINGS
864-SMA283994	N283994, N282888	Torsion spring right hand for cast closing wheel. For 1560, 1590, 1690, 1860, 1890 and 1990.
864-SMA283995	N283995, N282889	Torsion spring left hand for cast closing wheel. For 1560, 1590, 1690, 1860, 1890 and 1990.



SMA48P

SMA98Y

SMA282110

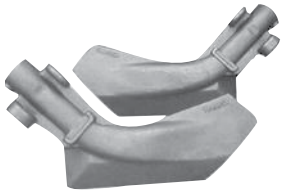
SMA213060

45160C

SMA98B

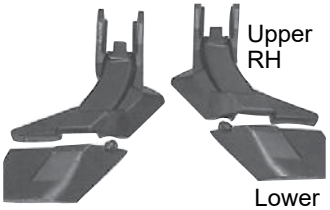
281856

SEED BOOTS AND SEED DISC



SMA284044 RH

SMA280317 LH



Upper RH

LH

Lower RH

PART NO.	REPLACES	DESCRIPTION
845-P18507	N214190	Seeder blade 18” x .197” thick, four 3/8” holes on 4-3/8” hole circle, fits model 750 grain drill, 1560, 1565, 1590, 1690, 1835, 1850, 1860, 1890, 1895 & 1990 CCS.
845-USA13525	N164594 N283805	Drill disc blade 13.5” raised center for aluminum boot. For grain drills, air seeders. Made in USA
864-SMA280446	N280446	Seed boot, right hand, heat-treated, ductile iron. For 750, 1850 grain drills
864-SMA280447	N280447	Seed boot, left hand, heat-treated, ductile iron. For 750, 1850 grain drills
864-SMA284044	N284044	Seed boot, right hand, heat-treated for models 1590, 1690, 1890, 1895, and 1990 air seeders.
864-SMA284044C	N284044	Same as above with tungsten carbide coating.
864-SMA284045	N284045	Seed boot, left hand, heat-treated for models 1590, 1690, 1890, 1895 and 1990 air seeders.
864-SMA284045C	N284045	Same as above with tungsten carbide coating.
864-SMA280317	N280317	Seed boot, left hand, tungsten carbide coating applied to wear area. For 750, 1850 grain drills
864-SMA280316	N280316	Seed boot, right hand, tungsten carbide coating applied to wear area. For 750, 1850 grain drills
864-SMA284055	N284055	Leaf Spring for SMA280316 and SMA280317.
864-SMA282789	N282789	Seed boot left hand upper. For 1560, 1565, 1860. Uses 5/16” x 1-3/8” bolt and lock nut to connect to lower boot.
864-SMA283433	N283433	Seed boot lower left hand for SMA282789. Made of chrome alloy steel for longer wear.
864-SMA282788	N282788	Seed boot right hand upper. For 1560, 1565, 1860. Uses 5/16” x 1-3/8” bolt and lock nut to connect to lower boot.
864-SMA283432	N283432	Seed boot lower right hand for SMA282788. Made of chrome alloy steel for longer wear.
864-SMA219982	N219982	Poly seed flap reduces seed bounce. One required per seed boot. Uses 1/4”-20 x 5/8” bolt
864-SMA280975	N280975	Foam seal used with USA13525 drill disc blade. 10 pieces per bag.

BUSHINGS

PART NO.	REPLACES	DESCRIPTION
864-SMA219547	N219547	Outer Bushing for Opener and Wheel Arms. I.D. 1.10”, O.D. 1.378”, .69” Long
864-SMA218646	N218646	Top Inner Bushing for Closing Wheel Arm. O.D. 1.625”, I.D. 1.25”, .69” Long
864-SMA284086	N284086	Top Inner Bushing for Press Wheel Arm I.D. .641”, O.D. 1”, 2.37” Long
864-SMA280648	N280648	Top Inner Bushing for Closing Wheel Arm. I.D. .641”, O.D. 1”, 3.37” Long
864-SMA283636	N283636	Bushing, I.D. 1.257”, O.D. 1.628”, 1.00” Long
864-SMA282536	N282536	Pivot Pin, O.D. 1.25”, 5.24” Long
864-SMA73951	AA73951, AN282117	Opening System Arm and Shaft. For 750A, 1560, 1565, 1590, 1690, 1835, 1860, 1890, 1895, 1990

SMA219547

SMA218646

SMA280648

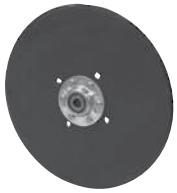
SMA282536

SMA73951

GRAIN DRILL PARTS FOR GREAT PLAINS

DRILL DISC ASSEMBLIES

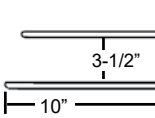
PART NO.	REPLACES	DESCRIPTION
864-GP229	107-130s, 107-299s	Drill Disc Assembly, 13.5” Blade, 5/8” I.D. Bearing 204 Series. 150 per box
864-GP133	107-133s, 107-135s	Drill Disc Assembly, 13.5” with Domestic Blade, 5/8” I.D. Bearing 205 Series. 150 per box
864-GP138	107-138s	Drill Disc Assembly, 13.5” Blade, 4mm Thick, 205GPC Cap and 5/8” I.D. Bearing 205 Series. 150 per box
864-GP121	404-072s, 404-121s, 404-287s	Drill Disc Assembly, 15” Blade, 4mm Thick. 5/8” I.D. Bearing SMA205DDS. For Drills and Late Model Planter Row Units Since 1998.120 per box
BEARINGS, DUST CAP & DRILL TUBE		
851-SMA205DDS	188-001V	Bearing, 205 Series with 5/8” I.D.
851-SMA205DD34	188-007V	Bearing, 205 Series with 3/4” I.D.
864-GP136	107-136S	Bolt, cap and shim kit. Includes thread-lock bolt, cap and 4 shims
527-204GPC	107-096D	Cap for GP229
527-205GPC	107-111D	Cap for GP121, GP133, GP138
310-10491		Trash shield
199-GP003	816-003C	Drill tube



204GPC

GAUGE AND PACKER WHEELS, TIRES

213SC



PART NO.	REPLACES	DESCRIPTION
013-313153	13219	Press Wheel Assembly 3" x 13" with Steel Wheel, Double Rib Tire. For 9413 Grain Drill
013-313402	52-523, 13217, 814-158C	Gauge Wheel Assembly 3" x 13" with Nylon Wheels, Center Rib Tire, Double-Row Ball Bearing 5/8" I.D. Will Fit Krause, Sunflower and Other Grain Drills
013-21315	814-057C	Gauge Wheel Assembly 2" x 13", Uses Bearing SMA885154B
013-21340	814-157C	Gauge Wheel Assembly 2" x 13", Smooth Crown Tire, Double-Row Ball Bearing with 2-lip seal and 5/8" I.D.
864-SMA3045	198057s, 198-057s	Gauge Wheel Assembly 2" x 13" with Nylon wheel. Also Replaces Tye 304-576
TIRES		
013-541035	814-160C	Grain Drill Tire 3"x 13" Single Rib
013-213SC	814-159C	Smooth Crown Tire 2" x 13"
013-54103	814-083C	Gauge Wheel Offset Tire 2" x 13" for SMA3045. Will Replace Tye 560-027
013-5410321	814-069C	Grain Drill Tire 2" x 13" for 21340
013-110GP	814-085C	Packer Wheel Tire 1" x 10" for SMA45P
PACKER WHEEL, GRAIN DRILL TOOTH		
864-SMA45P	814-194C	Packer Wheel for Grain Drill, Heavy Tire and Steel Wheel. Uses Bearing 5203KYY2, for Models 2400, 2410 and 2420.
964-SMA46P	199-009C	Packer Wheel for Grain Drill. Uses Bearing SMA885154B
936-GD1	807-079C	Grain Drill Tooth. Will Fit Tye, Yetter, Crustbuster and John Deere.
COVERING CHAIN		
511-1000	—	Covering Chain for Grain Drill

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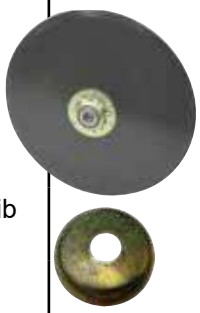
Grain Drill Parts For Sunflower

PART NO.	REPLACES	DESCRIPTION
864-SMA18358	18358	Drill disc assembly, 15” for models 9100,9200, 9300, 9400 with inline openers.Taper on same side as hub. 120 per box with inline openers.
864-SMA7261	7261	Drill disc assembly, 15” for models 9100, 9200,9300, 9400. Flange mounted on non-beveled side. Taper on side
527-144266	144266, SNB1127	Dust Cap, Will Replace Sunflower SNB1127 and Landoll 144266
013-313153	13219	Press Wheel Assembly 3” x 13” with Steel Wheel, Double Rib Tire. For 9413 Grain Drill
013-313402	52-523, 13217, 814-158C	Gauge Wheel Assembly 3” x 13” with Nylon Wheels, Center Rib Tire, Double-Row Ball Bearing 5/8” I.D. Will Fit Krause, Sunflower and Other Grain Drills



Grain Drill Disc For Landoll

PART NO.	REPLACES	DESCRIPTION
864-SMA143880	143880	Drill Disc 15.75” x 3.5MM. Has 5/16” Rivets. Used on 5210, 5211, 5530, 5531 Grain Drills
527-144266	144266	Dust Cap, Will Replace Sunflower SNB1127 and Landoll 144266

Disc Opener Assembly For Krause

PART NO.	REPLACES	DESCRIPTION
864-KR5250	5250-484	Drill disc assembly, 13.5”

Universal Grain Drill Assembly

PART NO.	DESCRIPTION
845-B453194	13.5” Universal Grain Drill Assembly, fits TYE, Great Plains, CrustBuster & Others. 2 Disc Assemblies, 2 Dust Caps, 1 RH Bolt, 1 LH Bolt and 4 Shims per Box. Sold by the Box. **Available at SMA West Only.**

Grain Drill Parts for TYE

DISC OPENER ASSEMBLY, GAUGE & PACKER WHEELS

PART NO.	REPLACES	DESCRIPTION
DISC OPENER ASSEMBLY		
864-TY647H	550-647	Disc opener assembly, 13.5” uses 204PY2 bearing. 150 per box
GAUGE WHEEL, TIRE & ACCESSORIES		
864-SMA3045	304-576, 198057s	Gauge wheel assembly 2” x 13”
013-54103	560-027	Gauge wheel offset tire 2” x 13”
864-TY646P	550-646	Bearing and hub kit. Includes hub, dust cap, bearing, bolts and nuts.
852-204PY2	—	Bearing 5/8” I.D.
527-204GPC	561-027	Dust cap
120-HM58X12MM	—	Bolt for TY646
120-LNM58	—	Nylon lock nut for TY646
120-814560	901-1010P	Hex cap screw 5/8” x 1.25” RH thread, 25 per box
120-814560LH	901-1011P	Hex cap screw 5/8” x 1.25” LH thread 10 per box
199-TY201	562-201	Drill tube
PACKER WHEEL, HUB & ACCESSORIES		
864-SMA49P	501-006	Packer wheel 1” x 10” with 1/2” I.D. bearing.

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Drill and Planter Tubes

BLACK RUBBER FLEXIBLE TUBES

Great Plains Grain Drill Replaces 816-003C

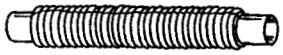
Dimensions:	INSIDE DIAMETER TOP	-	1-1/2”
	OUTSIDE DIAMETER BOTTOM	-	1-1/4”
	WORKING LENGTH	-	13-1/2” to 29”

199-GP003

Tye Grain Drill Replaces 562-201

Dimensions:	INSIDE DIAMETER TOP	-	1-1/4”
	OUTSIDE DIAMETER BOTTOM	-	1-1/4”
	WORKING LENGTH	-	8” to 29”

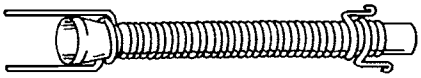
199-TY201



J.I. Case Planters, J.D. 290, 490, 406, 407 and 24 Planters, J.D. Drills, Early Massey Ferguson Drills

Dimensions:	INSIDE DIAMETER TOP	-	2”
	OUTSIDE DIAMETER BOTTOM	-	1-1/2”
	WORKING LENGTH	-	10” to 30”

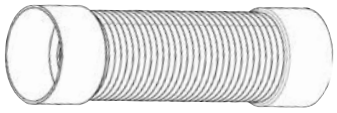
199-U100



JD Dry Fertilizer Planter Tube. Used on 7000, 7100, 7200, 1700 Series. Replaces B35601

Dimensions:	INSIDE DIAMETER TOP	-	2-1/4”
	OUTSIDE DIAMETER BOTTOM	-	2-1/8”
	WORKING LENGTH	-	7” to 20”

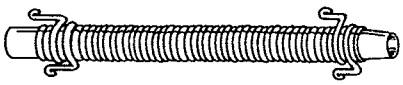
199-D132



Universal Side Dresser Hose Fits Most Attachments

Dimensions:	INSIDE DIAMETER TOP	-	2-1/8”
	OUTSIDE DIAMETER BOTTOM	-	1-3/8”
	WORKING LENGTH	-	19” to 50”

199-SD50



Same as SD50 but Stretches 10” Longer for Special Applications

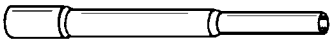
WORKING LENGTH - 23” to 60”

199-SD60

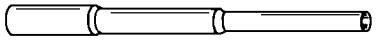
Tapered Tube for Van-Bront Drills

Dimensions:	INSIDE DIAMETER TOP	-	1-9/16”
	OUTSIDE DIAMETER BOTTOM	-	1-1/4”
	INSIDE DIAMETER BOTTOM	-	1”
	OVERALL LENGTH	-	17”

199-TA17



Tapered Tube for Burch Corn Planter Attachment

Dimensions:	INSIDE DIAMETER TOP	-	1-9/16”
	OUTSIDE DIAMETER BOTTOM	-	1-1/4”
	INSIDE DIAMETER BOTTOM	-	1”
	OVERALL LENGTH	-	20”

199-TA20C