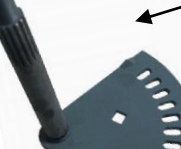




JD NO-TILL DRILL & AIR SEEDER PARTS

	PART #	MODEL	DESCRIPTION	PRICE ea.
	5203KYY2-I	750-1990	40 MM. GAUGE WHEEL BEARING	\$ 8.95
	5203PYY2-O	750-1990	40 MM. GAUGE WHEEL BEARING	\$ 13.75
	203KRR2	750	OEM PRESS WHEEL BEARING	\$ 6.50
	BKH750	750-1850	HUB BEARING KIT	\$ 24.50
	BKCW750	750-1850	CLOSING WHEEL BEARING SET	\$ 11.95
	P281813	1560-1990	HUB BEARING	\$ 29.75
	P213544	750-1850	HUB W/ CUPS	\$ 29.50
	P283291A	1560-1990	HUB W/ BEARING	\$ 51.50
	P214510	750-1850	TORSION SPRING FOR CLOSING AND PRESS WHEEL RIGHT	\$ 11.95
	P214511	750-1850	TORSION SPRING FOR CLOSING AND PRESS WHEEL LEFT	\$ 11.95
	P282218	1560-1990	TORSION SPRING PRESS WHEEL (RIGHT)	\$ 13.00
	P282219	1560-1990	TORSION SPRING PRESS WHEEL (LEFT)	\$ 13.00
	P283994	1560-1990	TORSION SPRING FOR CLOSING WHEEL (RIGHT)	\$ 9.50
	P283995	1560-1990	TORSION SPRING FOR CLOSING WHEEL (LEFT)	\$ 9.50
	P284055	750-1990	BOOT LEAF SPRING	\$ 3.95
	P282117	1560-1990	DEPTH ARM W/ SHAFT	\$ 22.95
	P282118	1560-1990	GAUGE WHEEL SPINDLE RIGHT	\$ 13.95
	P282119	1560-1990	GAUGE WHEEL SPINDLE LEFT	\$ 13.95
	CAST750	750-1850	CAST IRON CLOSING WHEEL W/ BEARINGS	\$ 45.95
	CAST1890	1560-1990	CAST IRON CLOSING WHEEL	\$ 31.95
	P280648	750-SN 6001> 1560-1990	PIVOT BUSHING FOR CLOSING ARM 3 3/8" X 1"ID	\$ 9.95
	P282536	1560-1990	PIVOT PIN FOR INNER/UPPER ARM	\$ 17.95
	P283636	1560-1990	PIVOT BUSHING FOR OUTER / UPPER ARM	\$ 4.50
	P219547	1560-1990	PIVOT BUSHING FOR OUTER PRESS WHEEL ARM	\$ 3.95
	P280725	750-1850	OPENER SPINDLE W/ ADJUSTMENT PLATE	\$ 36.95
	P282374	750-1850	GAUGE WHEEL ARM	\$ 29.50
	HRDG-WP	SEVERAL	POPULATION SENSOR	\$ 85.00 SALE
	P284086	1560+	PRESS WHEEL PIVOT BUSHING 2 3/8" X 1"	\$ 9.75
	P538266	750	CLOSING WHEEL SEAL USA	\$ 7.50



JD NO-TILL DRILL & AIR SEEDER PARTS



PART #	MODEL	DESCRIPTION	PRICE EA.
P280446	750-1850	SEED BOOT RIGHT	\$ 28.50
P280447	750-1850	SEED BOOT LEFT	\$ 28.50
P283432	1560-1860	SEED BOOT BOTTOM RIGHT	\$ 19.75 SALE
P283433	1560-1860	SEED BOOT BOTTOM LEFT	\$ 19.75 SALE
P282788	1560-1860	SEED BOOT TOP RIGHT	\$ 17.95 SALE
P282789	1560-1860	SEED BOOT TOP LEFT	\$ 17.95 SALE
P283730	1560-1990	SEED BOOT RIGHT	\$ 30.00
P283731	1560-1990	SEED BOOT LEFT	\$ 30.00
C185WS	750 & 1590+	POLY FIRING STRIP	\$ 1.45
C145WS	750 & 1590+	HD POLY FIRING STRIP	\$ 2.00
110PWT	750-1560	1" X 10" PRESS WHEEL TIRE	\$ 5.75
P38447	750-1560	1" X 10" PRESS WHEEL TIRE ASSEMBLY	\$ 24.95
P282296	1590+	1" X 10" PRESS WHEEL ASSEMBLY V-CROWN	\$ 26.95
P33297	EARLY 750	1" X 12" PRESS WHEEL TIRE ASSEMBLY	\$ 31.95
120133	750-1850	KEETON FIRMER KIT	\$ 35.50 SALE
120134	1560-1990	KEETON FIRMER KIT	\$ 35.50 SALE
K18750D-18	750-1990	18" OPENER OEM BLADE	\$ 28.95 SALE
416MY-01	750	YELLOW GAUGE WHEEL RIM HALF METAL	\$ 11.95
416MB-01	1560	BLACK GAUGE WHEEL RIM HALF METAL	\$ 11.95
H4516-JD	750-1560	GAUGE WHEEL TIRE USA	\$ 24.95 SALE
H4516-XP	1590-1995	GAUGE WHEEL TIRE	\$ 27.50 SALE
H4516-IH	SEVERAL	RID GAUGE TIRE USA	\$ 26.50 SALE
GW416102A40	750	GAUGE TIRE ASSEMBLY W/ 40MM. BEARING	\$ 61.95
GW416102B40	1560-1990	GAUGE TIRE ASSEMBLY W/ 40MM. BEARING W/ COVER	\$ 67.95
GW416102E	1995	GAUGE TIRE ASSEMBLY W/ 40MM. BEARING W/ COVER	\$ 71.50
BSCW75B	750-1850	MARTIN SPADE WHEEL KIT	\$ 109.00 SALE
1230	1560-1995	DAWN CURVETINE WHEEL KIT	\$ 70.00 SALE

PRICES SUBJECT TO CHANGE WITHOUT NOTICE!

PLANTER / DRILL GAUGE WHEEL ASSEMBLIES



MODEL #	PART#	DESCRIPTION	PRICE
JD 7000	GW416102A-YS	YELLOW STEEL RIMS W/ JD STYLE TIRE AND ¼ CROSS BEARING	\$ 61.95
JD 7000	GW416103A-YS	YELLOW STEEL RIMS W/CIH STYLE TIRE AND ¼ CROSS BEARING	\$ 64.95
KZ 2000-2300	GW41602A-WS	WHITE STEEL RIMS W/ KZ STYLE TIRE AND ¼ CROSS BEARING	\$ 61.95
KZ 2500-2700	GW416103A-WS	WHITE STEEL RIMS W/ KZ STYLE TIRE AND 40MM BEARING	\$ 63.95
JD 750	GW41604A-YS	YELLOW STEEL RIMS W/ JD STYLE TIRE AND 40MM. BEARING	\$ 61.95
JD 750	GW41605A-YS	YELLOW STEEL RIMS W/ CIH STYLE TIRE AND 40MM. BEARING	\$ 64.95
JD 1700	GW416102B-MC	METAL RIM BLACK COVER W/ JD STYLE TIRE 40MM BEARING	\$ 65.50
JD 1700	GW416103B-MC	METAL RIM BLACK COVER W/ CIH STYLE TIRE 40MM BEARING	\$ 69.50
KZ 3000+	GW416104B-MC	METAL RIM WHITE COVER W/ KZ STYLE TIRE 40MM BEARING	\$ 65.50
JD 7200	GW416102C-YS	YELLOW STEEL RIMS W/ JD STYLE TIRE AND GROOVE STEM BEARING	\$ 61.95
JD 7200	GW416103C-YS	YELLOW STEEL RIMS W/ CIH STYLE TIRE AND GROOVE STEM BEARING	\$ 64.95
JD 7200 LATE 1700 EARLY	GW416104C-MC	METAL RIM BLACK COVER W/ JD STYLE TIRE GROOVE STEM BEARING	\$ 69.95
CASE IH 800	GW416102D-WS	WHITE STEEL RIMS W/ CIH STYLE TIRE AND ¼ CROSS BEARING	\$ 69.95
CASE IH 900	GW416103D-BS	BLACK STEEL RIMS W/ CIH STYLE TIRE AND GROOVE STEM BEARING	\$ 71.95
CASE IH 1200	GW416104D-MC	METAL RIM BLACK COVER W/ CIH STYLE TIRE 40MM BEARING	\$ 74.95
JD 1700 XP	GW416102E-MC	METAL RIM BLACK COVER W/ JD XP STYLE TIRE 40MM BEARING	\$ 71.50



GAUGE WHEEL COMPONENTS

PART #	DESCRIPTION	PRICE
416MY-01	YELLOW STEEL RIM FOR GAUGE WHEELS	\$ 11.95
416MW-01	WHITE STEEL RIM FOR GAUGE WHEELS	\$ 11.95
416MB-01	BLACK STEEL RIM FOR GAUGE WHEELS	\$ 11.95
416PL-01	BLACK POLY OUTER RIM FOR JD	\$ 13.75
PRM-CB	BLACK POLY OUTER COVER	\$ 9.50
PRM-CW	WHITE POLY OUTER COVER	\$ 9.50
H4515-JD	STANDARD GAUGE TIRE	\$ 24.95 SALE
H4516-IH	RID/ CIH TYPE GAUGE TIRE	\$ 26.50 SALE
H4515-XP	JD 1700 XP GAUGE TIRE	\$ 27.50 SALE
P35951B	¼ CROSS HOLE BEARING EARLY JD/CIH/ KZ	\$ 10.25
P38106B	GROOVE STEM BEARING JD7200/CIH 900+	\$ 10.95
5203KYY2IMP	40MM BEARING (IMPORT) JD 1700/ KINZE 2500+	\$ 9.25
5203PYY2-OE	40MM BEARING (OEM) JD 1700/ KINZE 2500+	\$ 13.95



www.hilltopper.com

C-IH PLANTER/DRILL PARTS

PART #	DESCRIPTION	PRICE
8IHCD	8" Planter Covering Disc W/ CAP	\$ 25.50
21651H8D	2.5" X 16" NARROW GAUGE WHEEL ASSEMBLY	\$ 52.50
BSCW899	MARTIN 9" SPADED CLOSING WHEEL *(SOLD AS A PAIR)	\$ 117.00 SALE



JD DRILL SPADE CLOSING WHEELS

13" SPADE CLOSING WHEEL

SCW75B ----- \$ 109.00 SALE



- 3/8" thick, 13" diameter right or left toothed steel wheel with diamond shaped points
- 40mm bearing/3 bolt aluminum hub
- Double threaded specially designed axle
- Fits Deere 750 and 1850 drills
- Creates a miniature ridge that sheds water and helps maintain a warmer seed environment

SCW156 ----- \$ 85.50 SALE



- 3/8" thick, 13" diameter right or left toothed steel wheel with diamond shaped points
- Fits 1560, 1860, 1590, and 1890 drills
- Creates a miniature ridge that sheds water and helps maintain a warmer seed environment

CAST HUB SPADING
WHEEL.....\$118.00 SALE



"CAST" WHEEL

Martin-Till



"SPIKE" WHEEL

13"- 20 DIMPLE CLOSING WHEEL

SCW750B4D-20 - \$ 125.00 SALE

- 1/2" thick, 13" diameter steel wheel with 20 pointed teeth
- Firms soil at points while leaving looser area between points
- Cast Hub with 40mm. Bearing
- Less aggressive than above spading wheels
- Fits JD 750 and 1850 drills

SCW1564D-20 - \$ 94.00 SALE

- 1/2" thick, 13" diameter steel wheel with 20 pointed teeth
- Firms soil at points while leaving looser area between points
- Less aggressive than above spading wheels
- Fits 1560, 1860, 1590 and 1890 drills



Martin-Till



NEEDHAMAG V8 FIRING WHEEL

8" WHEEL TO REPLACE O.E.M. 10" SEED PRESS WHEEL!



*Corrects issues with original seed press wheel which rides on the side wall rather than pressing the seed to the bottom of the trench.

*Matches the seed trench to set the seed on the proper side of the seed boot.

*Utilizes 5203 HD bearing for longer service life.

*Made to fit JD 750,1560,1590,1850,1890 No-Till grain drills.

\$41.95 SALE W/HARDWARE

NEEDHAM AG SEED FIRING STRIP



*Bonilla Seed Tabs are slightly over twice as thick as factory seed tabs and they are also angled at 7° to follow the seed slot. This enables them to retain more seeds within the seed slot and help reduce wear over time.

\$4.95 EA. SALE

Precision Planting[®]

Keeton[®]

Consistent depth control is the most important job of your planter. Even the best maintained planter can still have a depth variation of ½" or more.

Keeton[®] Seed Firmers gently set seeds to the bottom of the trench. A thin piece of poly slides down the seed trench, trapping seeds as they exit the seed tube and firming them into the bottom of the "V".



PLANTER MOUNTED



GRAIN DRILL MOUNTED



PART #	MOUNTING / TAIL TYPE	PRICE
125012	UNIVERSAL DRY	\$34.00 "SALE"
125013	KINZE DRY	\$34.00 "SALE"
115011	UNIVERSAL DUAL TUBE	\$34.00 "SALE"
115012	KINZE DUAL TUBE	\$34.00 "SALE"
126008	UNIVERSAL LOW PRO	\$34.00 "SALE"
126009	KINZE LOW PRO	\$34.00 "SALE"
126010/115013/125011	REPLACEMENT TAIL	\$29.00 "SALE"

PART #	APPLICATION	PRICE
120103	GP 1500	\$29.50 "SALE"
120121	CIH 5400	\$29.50 "SALE"
120133	JD 750/1850	\$35.50 "SALE"
120134	JD 1560-90	\$35.50 "SALE"

SEED TUBE MOUNTED

PART #	APPLICATION	PRICE
100101	DRY TAIL	\$31.50 "SALE"
100104	LIQUID TAIL	\$32.50 "SALE"

"MOJO" WIRES FOR KEETON FIRMERS

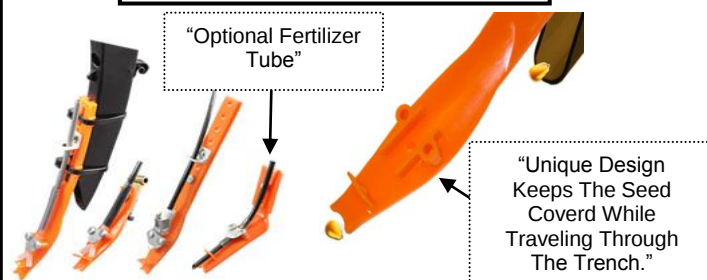


PART #	APPLICATION	PRICE
K100	FITS ORIGINAL P100 SEED TUBE MOUNT TAILS	\$24.50 "SALE"
K200	FITS EARLY DRY AND DUAL TAIL (NON WAVE VISION)	\$22.50 "SALE"
K211	FITS LATE DRY AND DUAL TAIL (WAVE VISION STYLE)	\$22.50 "SALE"

"We have seen great benefit in emergence on our own farm from using this product!"
Bob Skillings



Rebounder[™] Seed Covers



CALL FOR CURRENT PRICING AND OPTIONS!



NOTILL COULTER BLADES



PART #	DIAMETER	WAVE	APPLICATION	PRICE
M25IHC	14.9"	25 WAVE	CASE IH PLANTER/ WHITE	\$ 30.00
TPP K15YWS	15"	13 WAVE	WHITE 5100/KINZE	\$ 32.00
TPP845-9254	16"	13 WAVE	YETTER / KINZE	\$25.95
M2516YW	16"	25 WAVE	YETTER/GP/KINZE	\$ 30.00
M2516KDMW	16"	25 WAVE	ALL JD COULTERS	\$ 30.00
VT16DKDMWJDC	16"	VORTEX	JD 7000-1700	\$ 30.00
VT16MLOLC	16"	VORTEX	KINZE,YETTER,GP,WHITE	\$ 30.00
P16177MLOLC	16"	SMOOTH	KINZE/YETTER/WHITE	\$ 30.00
P16177DKDMWC	16"	SMOOTH	JD 5 HOLE/ OLD 7000	\$ 30.00
TPP W164001JDMC	16"	13 WAVE	JD 5 HOLE/ 7200 +	\$ 30.00
17157WFEC	17"	FLUTED	YETTER	\$ 30.00
VT17MLOLC	17"	VORTEX	YETTER/ GREAT PLAINS	\$ 40.00
TPP W174001DMI	17"	13 WAVE	TYE, MARLISS,DMI,BLUE JET	\$ 32.00
TPP W174001WFE	17"	13 WAVE	YETTER, GP, WHITE, CIH DRILL	\$ 32.00
N17177YMR	17"	KNOTCHED	YETTER/BLUE JET	\$ 32.00
M2517	17"	25 WAVE	BLUE JET, CIH, YETTER, GP	\$ 32.00
20450WPR	20"	SMOOTH	DMI, BLUE JET	\$ 40.00
20450WFE	20"	FLUTED	YETTER	\$ 35.50 SALE
20450DMI	20"	FLUTED	DMI, BLUE JET	\$ 35.50 SALE
VT20MLOL	20"	VORTEX	YETTER/ GREAT PLAINS	\$ 55.50 SALE
TA-20177MLOL * SPECIAL PURCHASE	20"	FLUTED	4 Hole Multi-Pattern	\$ 29.95 SALE

VORTEX

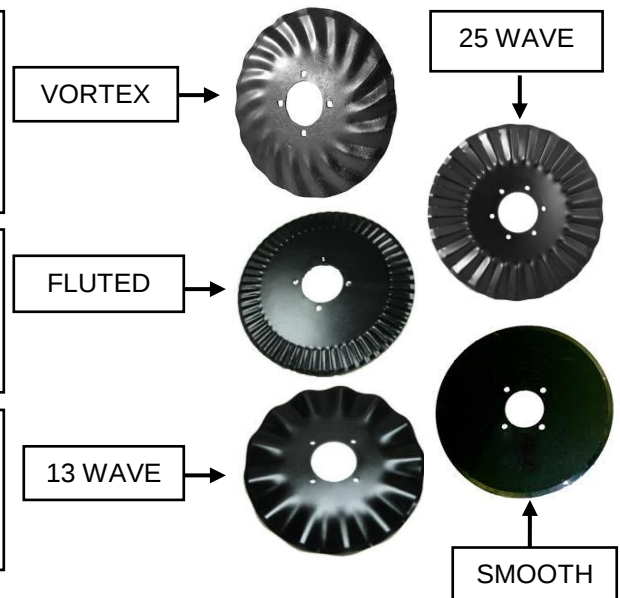
The latest advancement in coultur blade technology!
This blade is an excellent choice when being used on a planter ahead of a spiked closing wheel, or when additional stirring is needed. An excellent replacement for a "Turbo" type coultur.

25 WAVE

The 25 Wave coultur works a 5/8" wide strip in front of a trailing knife or nozzle application. This coultur is less likely to pull "Chunks" out like a 13 wave in wet soil.

13 WAVE

The 13 Wave is the original coultur used by many O.E.M. manufactures. In most seeding conditions we feel this coultur has poor penetration and seed depth.



COULTER BEARING SETS



PART #	TO FIT:	PRICE
KB-7-ME	JD 7200-1700 No-Till/Fertilizer Opener(SET)	\$ 21.95
SAA 205-16	Kinze Double Arm Coultur (2 per Row)	\$ 9.95 Each
NT2901	Yetter No-Till/Fertilizer Coultur (SET)	\$ 21.95
B5206KPP3	Kinze 3000 Series-4 Bolt (1 per Row)	\$ 14.50
QC-633-1	DMI Hub Repair Kit	\$ 21.50



Other Bearings Available!

PLANTER / DRILL SEED DISC OPENERS



SIZE	THICKNESS	APPLICATION	BEARING TYPE	PRICE
13.5"	4.0 MM.	WHITE 5100/ GREAT PLAINS DRILL	205 HD OPENER METAL DUST CAP 5/8" BOLT	\$31.95 SALE \$ 1.75 \$ 3.95
13.5"	3.0 MM.	TYE/ CRUST BUSTER 3800	204 BEARING W/ BLADE	\$ 30.50 SALE
14"	3.5 MM.	CASE IH 800-1200	LEADING 204 W/ METAL DUST CAP	\$29.95 SALE
14"	3.5 MM.	CASE IH 800-1200	TRAILING 204 W/ METAL DUST CAP	\$29.95 SALE
14"	4.5 MM.	CASE IH 1250 (Update 955+)	LEADING DOUBLE ROW BEARING W/ METAL CAP	\$37.95 SALE
14"	4.5 MM.	CASE IH 1250 (Update 955+)	TRAILING DOUBLE ROW BEARING W/ METAL CAP	\$37.95 SALE
15"	3.5 MM.	KINZE 2000-3700	KOYO OEM 204 Bearing USA BLADE W/ DUST CAP TO FIT <u>KINZE</u>	\$24.95 SALE
15"	3.5 MM.	JD 7000-1770/ WHITE 6000-8000	204 USA (Fafnir) Bearing W/ DUST CAP ALL USA COMPONENTS! <i>PROVEN PERFORMANCE</i>	\$29.50 SALE
15"	3.5 MM.	JD 1750-1790 "XP" ----- HD OPTION FOR KINZE 3000 SERIES	DOUBLE ROW BEARING W/CAP (LAZER CHECKED FOR WOBBLE) OEM MANUFACTURER FOR JD PART# AA65248	\$32.00 SALE
16"	4 MM.	CRUST BUSTER 3400-4745	SMOOTH ----- KNOTCHED	\$21.00 SALE \$23.00 SALE

WORN SEED
TUBE GUARD!



PLANTER MAINTENANCE TIPS:

- *Check your seed tube guards between the opener discs for proper operating width. A John Deere or Kinze planter should have a guard width measurement of no less than $\frac{1}{2}$ " at the bottom, and $\frac{3}{4}$ " across the top.
- *15" seed openers should be replaced at an overall diameter of 14.5".
- *There should be no more than 1.5" of contact between the openers for conventionally tilled planting.
- *In Notill planting conditions you should have a contact measurement of no more than 1.25" of contact between openers.
- *Torque opener nuts to no more than 110 ft. lbs.
- *Use an **equal amount** of shims on each side of the opener.

