

Product List



HARVEST SERVICES

A DIVISION OF RALPH MCKAY INDUSTRIES INC.

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HARVEST Feeder Chains & Accessories for John Deere Combines

Part Number	Fits Model No.	Number of Ch Lks	C-C on Sprockets	Wt.	
FC1020	JD 6600, 6620, Titans	3	86	18 15/16"	111
FC1021	JD 6601	3	73	18 15/16"	96
FC1022	JD 6620 Sidehill	3	76	18 15/16"	102
FC1025	JD 7700, 7701, 7720, 7721, Titans	3	86	24 7/16"	124
FC1030	JD 8820, Titans	4	86	19 15/16"	161
FC1050	JD 9400, 9410, 9450, 9500, 9510, 9550, 9560 CTS, CTS II, 9650CTS, 9660CTS	3	101	23 11/16"	144
FC1055	JD 9600, 9610, 9650, 9660	4	101	19 3/8"	187
FC1059	JD 9560 STS	3	101	18 7/16"	122
FC1060	JD 9650, 9660, 9750, 9760, 9860 STS, 9770 STS (SN730100 AND DOWN)	3	90	23 11/16"	140
FC1061	JD 9670, 9770, 9870 STS (SN730101 AND UP), S-Series	3	92	21 5/8"	140
JDSTSP1000	JD Steel Split Sprocket				7
JDSTSOUTER	JD Steel Split Sprocket STS Outer				7
JDSTSPINNER	JD Steel Split Sprocket STS Inner				7
SL1020	Slat fits FC1020				
SL1025	Slat fits FC1025				
SL1030	Slat fits FC1030				
SL1050	Slat fits FC1050 and FC1060				
SL1055	Slat fits FC1055				
SL1059	Slat fits FC1059				
SL1061L	Slat fits FC1061				
SL1061R	Slat fits FC1061				

HARVEST Concaves for John Deere Conventional and Rotary Combines

CONCAVES for John Deere Rotary Combines

Available in Wide spaced, Narrow spaced or Round Rod or any combination.
Harvest Concaves use 1045 C Steel, 1/4" Wires, & are built heavier than OEM. NW spacing - 1/2" c/c WW spacing - 1" c/c
50 series STS combines may require an updated latch kit - Available from your John Deere dealer JD Number AH210894

Part Number	Fits Model No.	Wt.
CO2700NW	JD 9650, 9660, 9750, 9760, 9770, 9860 STS & S-Series Rotary Narrow Wire	96
CO2700RR	JD 9650, 9660, 9750, 9760, 9770, 9860 STS & S-Series Rotary Round Rod	96
CO2700WW	JD 9650, 9660, 9750, 9760, 9770, 9860 STS & S-Series Rotary Wide Wire	96
FL2700	JD Front Lip CO2700	9
	Set of Three CO2700 and FL2700	<i>(Please order individually)</i>
CP2700	JD Coverplate fits CO2700 (consists of CPBJD, CP2195, CPHAND)	12
CO2705NW	JD 9560, 9570 STS Rotary Narrow Wire	87
CO2705RR	JD 9560, 9570 STS Rotary Round Rod	87
CO2705WW	JD 9560, 9570 STS Rotary Wide Wire	87
FL2705	JD Front Lip fits CO2705	8
	Set of Three CO2705 and FL2705	<i>(Please order individually)</i>
CP2705	JD Coverplate fits CO2705 (consists of CPBJD, CP2185, CPHAND)	12

HARVEST Concaves for John Deere CONVENTIONAL Combines

Part Number	Fits Model No.		Wt.
CO2040	JD	6600, 6601, 6602, 6620, 6621, 6622, Titans	211
CO2050	JD	7700, 7701, 7720, 7721, Titans	254
CO2060	JD	8820, Titans	308
CO2070	JD	9400, 9410, 9450, 9500, 9510, 9550, 9560, CTS, CTS II, 9650CTS, 9660CTS	317
CP2070		Coverplate fits CO2070 (Consists of 3 CPCENT,2 CPOOUT, 5 CPJHOOK)	24
CO2080	JD	9600, 9610, 9650, 9660	368
CP2080		Coverplate fits CO2080 (Consists of 4 CPCENT,2 CPOOUT, 6 CPJHOOK)	29

HARVEST Sieves to fit JOHN DEERE Combines

Part Number	Fits Model No.		LxW	Wt.
CH1020	Airfoil Chaffer	JD 6600, 6601, 6602, 6620	61x42	54
ACH1020	Adj Chaffer	JD 6600, 6601, 6602, 6620	61x42	50
BS1020	Bottom Sieve	JD 6600, 6601, 6602, 6620	47x42	45
CH1025	Airfoil Chaffer	JD 7700, 7701, 7720, 7721	61x53	75
ACH1025	Adj Chaffer	JD 7700, 7701, 7720, 7721	61x53	60
BS1025	Bottom Sieve	JD 7700, 7701, 7720, 7721	47x53	60
CH1030	Airfoil Chaffer	JD 8820	61x64	76
ACH1030	Adj Chaffer	JD 8820	61x64	90
BS1030	Bottom Sieve	JD 8820	47x64	75
CH1035	Airfoil Chaffer	JD 6620 Titan II	67x42	59
ACH1035	Adj Chaffer	JD 6620 Titan II	67x42	64
BS1035	Bottom Sieve	JD 6620 Titan II	52x42	49
CH1040	Airfoil Chaffer	JD 7720 Ttian II & 7721 Titan II	67x53	75
ACH1040	Adj Chaffer	JD 7720 Ttian II & 7721 Titan II	67x53	66
BS1040	Bottom Sieve	JD 7720 Ttian II & 7721 Titan II	52x53	65
CH1045	Airfoil Chaffer	JD 8820 Titan II	67x64	84
ACH1045	Adj Chaffer	JD 8820 Titan II	67x64	80
BS1045	Bottom Sieve	JD 8820 Titan II	52x64	80
CH1050	Airfoil Chaffer	JD 9400, 9410, 9450, 9500, 9510, 9550, 9560 CTS, CTS II,	35x26-2 18x52	3pc Set 71
ACH1050	Adj Chaffer	JD 9400, 9410, 9450, 9500, 9510, 9550, 9560 CTS, CTS II	35x26-2 18x52	3pc Set 65
ACH1050P	Precleaner	JD 9400, 9410, 9450, 9500, 9510, 9550, 9560 CTS, CTS II	35x26	2pc Set
BS1050	Bottom Sieve	JD 9400, 9410, 9450, 9500, 9510, 9550, 9560 CTS, CTS II	49x25	2pc Set 50
CH1055	Airfoil Chaffer	JD 9600, 9610, 9650, 9660	35x31-2 18x63	3pc Set 81
ACH1055	Adj Chaffer	JD 9600, 9610, 9650, 9660	35x31-2 18x62	3pc Set 75
ACH1055P	Precleaner	JD 9600, 9610, 9650, 9660	35x31	2pc Set
BS1055	Bottom Sieve	JD 9600, 9610, 9650, 9660	49x31	2pc Set 70
CH1056E	Airfoil Chaffer	JD 9660 WTS, T670	54x31	2pc Set 70
CH1060	Airfoil Chaffer	JD 9650, 9660, 9670, 9750, 9760, 9860,9870 STS	63x52	80
ACH1060	Adj Chaffer	JD 9650, 9660, 9670, 9750, 9760, 9860,9870 STS (no auto adjuster)	63x52	74
ACH1060P	Precleaner	JD 9650, 9660, 9670, 9750, 9760, 9860,9870 STS		
BS1060	Bottom Sieve	JD 9650, 9660, 9670, 9750, 9760, 9860,9870 STS (no auto adjuster)	55x52	70
CH1065	Airfoil Chaffer	JD JD S-650,S660,S670,S680,S690 S-SERIES	81X52	2pc Set 80

HARVEST Feeder Chains & Accessories for Case IH Combines

Part Number	Fits Model No.	Number of Lks	Ch	C-C on Sprocket	Wt.		
FC1129	IH 1666	3	76	13 11/16"	100		
FC1130	IH 20 / 40 / 60 Series 47" Feeder House	3	60	13 11/16"	72		
FC1131	IH 20 / 40 / 60 Series	3	64	13 11/16"	76		
FC1132	IH 20 / 40 / 60 Series 54" Feeder House	3	68	13 11/16"	81		
FC1133	IH 20 / 40 / 60 Series	3	72	13 11/16"	86		
FC1135	IH 80 / 88 Series	3	68	18 1/8"	90		
FC1139	IH 80 / 88 Series 54" Feeder House	3	70	18 1/8"	94		
FC1137	IH 80 / 88 Series 60" Feeder House	3	76	18 1/8"	100		
FC1150	IH 7010, 8010	2pc Set (Side by Side)		4	99	18 1/8"	160
FC1155	IH 7120/8120/9120, 8230, 9230	4	102	13 15/16"	175		

FCDS2188 Heavy walled pipe with 3 sprockets fits 80 Series

IHSTSP1100 Steel Split Sprocket

FC KIT INCLUDES FC1139 and FCDS2188 fits IH 80 SERIES 54" Feederhouse

SL1130L	Slat fits Harvest 20 / 40 / 60 Series Left-Hand Side
SL1130R	Slat fits Harvest 20 / 40 / 60 Series Right-Hand Side
SL1135L	Slat fits Harvest 80 Series Left-Hand Side
SL1135R	Slat fits Harvest 80 Series Right-Hand Side
SL1150	Slat fits Harvest 8010
SL1155L	Slat fits Harvest 7120/8120/9120 Left-Hand Side
SL1156	Slat fits Harvest 7120/8120/9120 Center
SL1155R	Slat fits Harvest 7120/8120/9120 Right-Hand Side

HARVEST Concaves for Case IH Rotary Combines

Available in Wide spaced, Narrow spaced or Round Rod or any combination.

Harvest Concaves use 1045 C Steel, 1/4" Wires, & are built heavier than OEM. NW spacing - 1/2" c/c WW spacing - 1" c/c

Part Number	Fits Model No.	Wt.
CO2175NW	IH 1440, 1460, 1470 Narrow Wire	71
CO2175RR	IH 1440, 1460, 1470 Round Rod	71
CO2175WW	IH 1440, 1460, 1470 Wide Wire	71
FL2175	IH IHC 1440/60 Front Lip	9
Set of Three CO2175 & FL2175		<i>(Please order individually)</i>
CO2185NW	IH 1640/60/70, 44 & 66 Series Narrow Wire	81
CO2185RR	IH 1640/60/70, 44 & 66 Series Round Rod	72
CO2185WW	IH 1640/60/70, 44 & 66 Series Wide Wire	76
FL2185	IH 1640/60/70, 44 & 66 Series Front Lip	11
Set of Three CO2185 & FL2185		<i>(Please order individually)</i>
CO2190NW	IH 1480, 1482 Narrow Wire	88
CO2190RR	IH 1480, 1482 Round Rod	79
CO2190WW	IH 1480, 1482 Wide Wire	83
FL2190	IH 1480, 1482 Front Lip	12
Set of Three CO2190 & FL2190		<i>(Please order individually)</i>
CO2195NW	IH 1680/82, 77 & 88 Series Narrow Wire	103
CO2195RR	IH 1680/82, 77 & 88 Series Round Rod	90
CO2195WW	IH 1680/82, 77 & 88 Series Wide Wire	94
FL2195	IH 1680/82, 77 & 88 Series Front Lip	14
Set of Three CO2195 & FL2195		<i>(Please order individually)</i>
CO2196HT	IH 7010, 8010, 7120, 8120, 9120, 7230, 7240, 8230, 8240, 9230, 9240 Hard Thresh	103
CO2196NW	IH 7010, 8010, 7120, 8120, 9120, 7230, 7240, 8230, 8240, 9230, 9240 Narrow Wire	103
CO2196RR	IH 7010, 8010, 7120, 8120, 9120, 7230, 7240, 8230, 8240, 9230, 9240 Round Rod	90
CO2196WW	IH 7010, 8010, 7120, 8120, 9120, 7230, 7240, 8230, 8240, 9230, 9240 Wide Wire	94
Set of Two CO2196 (Left and Right)		<i>(Please order individually)</i>

COVERPLATES FOR CASE IH Rotary CONCAVES

Part Number	Fits Model No.	Wt.
CP2175	Fits CO2175 & OEM 2 pc 1640/60, 44 & 66 Series (Consists of CP2175 , CPBIH & BOLT)	8
CP2185	Fits CO2185 (Consists of CP2185 , CPBIH and BOLT)	9
CPH2185	Fits IH OEM 1pc 1640, 1660, 44 & 66 Series (Consists of CP2185 , CPBIH, CP RET, & CPHAND)	10
CP2190	Fits CO2190 & OEM 2 pc 1480, 1680/82, 77 & 88 Series (Consists of CP2190 ,CPBIH and BOLT)	9
CP2195	Fits CO2195 (Consists of CP2195 , CPBIH and BOLT)	9
CPH2195	Fits IH OEM 1pc 1680, 1682, 77 & 88 Series (Consists of CP2195 , CPBIH, CP RET, & CPHAND)	10
CPHAND	Optional Coverplate Handle Fits All Coverplates	1

HARVEST Sieves to fit CASE IH Combines

Part Number	Fits Model No.	LxW	Wt.
CH1130	Airfoil Chaffer IH 914 S/N 1440-, 915 S/N 8001-, 1440/60/70, 1640/60	62x45	57
ACH1130	Adj Chaffer IH 914 S/N 1440-, 915 S/N 8001-, 1440/60/70, 1640/60	62x45	64
BS1130	Bottom Sieve IH 914 S/N 1440-, 915 S/N 3180-	46x45	45
BS1131	Bottom Sieve IH 1440, 1460, 1470, 1640, 1660	52x45	50
BS1133	Bottom Sieve IH 1440/60,1470,1640/60 Shortened (5 Rows of Louvers Removed)	52x45	50
CH1132	Airfoil Chaffer IH 44 & 66 Series	75x45	70
ACH1132	Adj Chaffer IH 44 & 66 Series	75x45	73
BS1132	Bottom Sieve IH 44 & 66 Series	65x45	65
BS1134	Bottom Sieve IH 44 & 66 Series Shortened (5 Rows of Louvers Removed)	65x45	65
CH1135	Airfoil Chaffer IH 1480, 1482, 1680, 1682	62x60	89
ACH1135	Adj Chaffer IH 1480, 1482, 1680, 1682	62x60	80
BS1135	Bottom Sieve IH 1480, 1482, 1680, 1682	51x60	70
BS1136	Bottom Sieve IH 1480/82, 1680,/82 Shortened (5 Rows of Louvers Removed)	51x60	70
CH1140	Airfoil Chaffer IH 1680 Long Shoe, All 77 & 88 Series	75x60	96
ACH1140	Adj Chaffer IH 1680 Long Shoe, All 77 & 88 Series	75x60	89
BS1140	Bottom Sieve IH 1680 Long Shoe, All 77 & 88 Series	65x60	80
BS1141	Bottom Sieve IH 1680 Long Shoe, All 77 & 88 Series Shortened (5 Rows of Louvers Removed)	65x60	80
CH1440	Airfoil Chaffer IH 8010, 8120, 9120, NHTX 36, 66, 68, NHCR 970, 9070, NHCX 8060, 8070	2pc Set 59x31	70
ACH1440	Adj Chaffer IH 8010, 8120, 9120, NHTX 36, 66, 68, NHCR 970, 9070, NHCX 8060, 8070	2pc Set 59x31	70
BS1440	Bottom Sieve IH 8010, 8120, 9120, NHTX 36, 66, 68, NHCR 970, 9070, NHCX 8060, 8070	2pc Set 59x31	90
CH1445	Airfoil Chaffer IH IH 7010,7120 CX8030,8040,8050 CR920,940,960,9040,9060	59x52	70
ACH1445	Adj Chaffer IH IH 7010,7120 CX8030,8040,8050 CR920,940,960,9040,9060	59x52	70
BS1445	Bottom Sieve IH IH 7010,7120 CX8030,8040,8050 CR920,940,960,9040,9060		70

HARVEST Fan Throat Kits for Case IH Combines

Part Number	Fits Model No.	Wt.
FTK2166	IH 1440, 1460, 1470, 1640, 1660, 44 & 66 Series with Crossflow fan	20
FTK2175	IH 1440, 1460, 1470, 1640, 1660 with Paddle fan	39
FTK2188	IH 1480, 1482, 1680, 1682, 77 & 88 Series with Crossflow fan	33
FTK2190	IH 1480, 1482, 1680, 1682 with Paddle fan	40

HARVEST Feeder House Bottoms for Case IH Combines

FHB2175	IH 1460
FHB2185	IH 1660
FHB2190	IH 80 Series-54"

HARVEST Feeder Chains & Accessories for New Holland Combines

Part Number	Fits Model No.	Number of Ch Lks	C-C on Sprockets	Wt.	
FC1430	NH TR 75, 85, 86, 87, 88, 89, 96 S/N 529779-, 97, 98, 99	3	92	17 3/16"	110
FC1435	NH 95, 96 S/N -529378	3	92	21 1/8"	141
FC1440	NH TX36	3	106	22 1/4"	164
FC1441	NH TX66, 68	3	116	22 1/4"	146
FC1442	NH TX66, 68, - Late Models	4	116	14 7/8", 18"	190
FC1443	NH CX840, 8080	4	120	14 7/8", 18"	
FC1444	NH CR920, 940, 960	3	111	17 3/16"	142
FC1445	NH CR970, 9070	3	111	22 1/4"	158
NHSTSPC1400	Steel Split Sprocket-Center				Fit TR and CR
NHSTSPC1400	Steel Split Sprocket-Outer				Fit TR and CR
SL1430	Slat fits FC1430 & FC1444				
SL1435	Slat fits FC1435				
SL1441L	Slat fits FC1441 & FC1440 Left-hand side				
SL1441R	Slat fits FC1441 & FC1440 Right-hand side				
SL1442L	Slat fits FC1442 & FC1443 Left-hand side				
SL1210	Slat fits FC1442 & FC1443 Center & FC1210				
SL1442R	Slat fits FC1442 & FC1443 Right-hand side				
SL1445	Slat fits FC1445				

HARVEST Concaves for New Holland Conventional and Rotary Combines**CONCAVES for New Holland Rotary COMBINES**

Available in Wide spaced (7/8" c/c), Narrow spaced (1/2" c/c) or Round Rod or any combination

Each universal concave requires 1 CO2400 (NW, WW, or RR), 1 set SP2400 or SP2410 (1 left & 1 right) and 1 DE2400 or DE2410

Part Number	Fits Model No.	Wt.
CO2400NW	NH TR 70/5/6, 85/6, 95/6/7/8/9 Narrow Wire	79
CO2400RR	NH TR 70/5/6, 85/6, 95/6/7/8/9 Round Rod	79
CO2400WW	NH TR 70/5/6, 85/6, 95/6/7/8/9 Wide Wire	79
SP2400	NH Sideplate fits Harvest 70, 75 S/N -40300, 85 S/N -310400	set of 2 6
SP2410	NH Sideplate fits Harvest 75 S/N 403001-, 85 S/N 310401-, 86, 87, 95, 96, 97, 98, 99	set of 2 6
DE2400	NH Deflector - Concave Extension Grate mounts to Concave	2
DE2410	NH Deflector- Concave Extension Grate mounts to side access door)	2
Set of 2 CO2400, 2 (sets of 2) SP2400 or SP2410 & 2 DE2400 or DE2410		<i>(Please order individually)</i>
CP2400	NH Coverplate fits CO2400	6

CONCAVES for New Holland CONVENTIONAL COMBINES

Part Number	Fits Model No.	Wt.
CO2470	NH TX 36, 66, 68	325
CO2475	NH CX820, 840, 860, 880	485

HARVEST Sieves to fit NEW HOLLAND Combines

Part Number	Fits Model No.	LxW	Wt.
CH1425	Airfoil Chaffer NH TR 70, 75, 85, 86, 87, 88	64x39	64
ACH1425	Adj Chaffer NH TR 70, 75, 85, 86, 87, 88	64x39	72
BS1425	Bottom Sieve NH TR 70, 75, 85, 86, 87, 88	50x39	45
CH1430	Airfoil Chaffer NH TR 95 S/N -501851, 96, 97, 98	2pc Set 65x27	81
ACH1430	Adj Chaffer NH TR 95 S/N -501851, 96, 97, 98	2pc Set 65x27	90
BS1430	Bottom Sieve NH TR 95 S/N -501851, 96, 97, 98	2pc Set 50x27	54
CH1435	Airfoil Chaffer NH TR 89, 95 S/N 501851-, 96, 97, 98, 99	1pc 64x54	71
ACH1435	Adj Chaffer NH TR 89, 95 S/N 501851-, 96, 97, 98, 99	1pc 64x54	75
BS1435	Bottom Sieve NH TR 89, 95 S/N 501851-, 96, 97, 98, 99	1pc 50x54	60
CH1440	Airfoil Chaffer NH TX 36, 66, 68, NHCR 970, 9070, NHCX 8060, 8070, IH8010, 8120, 9120	2pc Set 59x31	70
ACH1440	Adj Chaffer NH TX 36, 66, 68, NHCR 970, 9070, NHCX 8060, 8070, IH8010, 8120, 9120	2pc Set 59x31	85
BS1440	Bottom Sieve NH TX 36, 66, 68, NHCR 970, 9070, NHCX 8060, 8070, IH8010, 8120, 9120	2pc Set 59x31	90
CH1445	Airfoil Chaffer IH CX8030,8040,8050 CR920,940,960,9040,9060 IH 7010,7120	59x52	70
ACH1445	Adj Chaffer IH CX8030,8040,8050 CR920,940,960,9040,9060 IH 7010,7120	59x52	70
BS1445	Bottom Sieve IH CX8030,8040,8050 CR920,940,960,9040,9060 IH 7010,7120		70

HARVEST Feeder Chains & Accessories for Massey Ferguson and Gleaner

Part Number	Fits Model No.	Number of Ch		C-C on	Wt.
		Lks	Sprocket		
FC1225	MF 8560, 8570, 8780, 8780XP, 9690	3	111	19 1/4	146
FC1234	MF 9790 sn BELOW HP36101	3	110	24 7/8	
FC1235	MF 9790, 9895, 9795	3	113	24 7/8	185
FC1236	MF 9790, 9895 GL A85	4	113	16 5/8	215
FC1237	MF 9540, 9560	4	121	16 5/8	215
FC1320	MF MF 8590 WH 9700,9720	3	96	21 3/16	141
FC1565	GL N5, 6, 7, R5, 6, 7, R60, R70 Lower (Feeder)	3	84	15 3/4	124
FC1566	GL N5, 6, 7, R5, 6, 7, R60, R70 Upper (Separator)	3	76	15 3/4	112
FC1569	GL R40, R42 S/N -45000, R50, R52 S/N -55000 Lower (Feeder)	2	84	15 3/4	83
FC1570	GL R40, 42, 50, 52 Upper (Separator)	2	86	15 3/4	83
FC1575	GL R62, 72, R75, R65 Lower (Feeder)	3	96	15 3/4	124
FC1576	GL R62, 72, R75, R65 Upper (Separator)	3	86	15 3/4	120
FC1577	GL C62, MF 8680 Lower (Feeder)		2 PC	4 96	19 3/8
FC1578	GL C62, MF 8680 Upper (Separator)		2 PC	4 62	19 3/8
SL1225	Slat fits FC1225				
SL1235	Slat Fits FC1235, FC1234				
SL1236	Slat fits FC1236				
SL1320	Slat fits FC1320				
SL1565	Slat fits FC1565, FC1566, FC1575, & FC1576				
SL1570	Slat fits FC1569 & FC1570				
SL1578	Slat fits FC1577 & FC1578				

HARVEST Sieves for Massey Ferguson and Gleaner Combines

Part Number		Fits Model No.		LxW	Wt.
ACH1220	Adj Chaffer	MF 760, 860		39x58	51
BS1219	Bottom Sieve	MF 760, 860 Middle		39x58	60
BS1220	Bottom Sieve	MF 760, 860 Bottom		39x58	60
BS1221	Bottom Sieve	MF 760, 860 Bottom Front Extension		26x58	45
CH1225	Airfoil Chaffer	MF 8560, 8570, 8780, 8780XP		79x50	83
ACH1225	Adj Chaffer	NF 8560, 8570, 8780, 8780XP		79x50	90
BS1225	Bottom Sieve	MF 8560, 8570, 8780, 8780XP		58x50	60
BS1227	Bottom Sieve	MF 8780 XP Btm. Sieve			60
CH1230	Airfoil Chaffer	MF 9690 CHALLENGER 660		79x50	83
BS1230	Bottom Sieve	MF 9690 CHALLENGER 660		67 x50	
CH1235	Airfoil Chaffer	MF 9790, 9795, 9895, 8560 GL A85,A76,A86, CHALLENGER 680B, 670,560C		79x61	95
BS1235	Bottom Sieve	MF 9790, 9795, 9895, 8560 GL A85,A76,A86, CHALLENGER 680B, 670,560C			
CH1565	Airfoil Chaffer	GL N5, N6, N7, R5,R6,R7,R60,R70,R62 Short Shoe		49x62	70
ACH1565	Adj Chaffer	GL N5, N6, N7, R5,R6,R7,R60,R70,R62 Short Shoe		49x62	70
BS1565	Bottom Sieve	GL N5, N6, N7, R5,R6,R7,R60,R70,R62 Short Shoe		42x61	60
CH1566	Airfoil Chaffer	GL R62 S/N 65001-, R65, R72 S/N 76001-, Long Shoe, R75, C62, MF8680		64x62	93
ACH1566	Adj Chaffer	GL R62 S/N 65001-, R65, R72 S/N 76001-, Long Shoe, R75, C62, MF8680		64x62	90
BS1566	Bottom Sieve	GL R62 S/N 65001-, R65, R72 S/N 76001-, Long Shoe, R75, C62, MF8680		57x61	75
CH1570	Airfoil Chaffer	GL R40, R42 S/N -46000, R50, R52 S/N -56000, Short Shoe		49x42	48
ACH1570	Adj Chaffer	GL R40, R42 S/N -46000, R50, R52 S/N -56000, Short Shoe		49x42	45

SPECIAL ORDER ITEMS NO RETURN LIMITED QUANTITIES

John Deere Parts Special Order No Return Limited Quantities

HARVEST Feeder Chains for John Deere Combines

Part Number	Fits Model No.	Number of Ch Lks	C-C on Sprockets	Wt.
FC1010	JD 105	3 86	17 3/4"	118
FC1015	JD 4400, 4420	3 84	16"	103

HARVEST Concaves for John Deere CONVENTIONAL Combines

Part Number	Fits Model No.	Wt.
CO2010	JD 95, 96	187
CO2020	JD 105, 106	226
CO2030	JD 4400, 4420	184

HARVEST Sieves to fit JOHN DEERE Combines

Part Number	Fits Model No.	LxW	Wt.
CH1000	Airfoil Chaffer JD 55		39
CH1005	Airfoil Chaffer JD 95,96	61x38	52
CH1015	Airfoil Chaffer JD 4400, 4420 S/N -610300	51x36	44
CH1017	Airfoil Chaffer JD 4425	77x38	64

Case IH Parts Special Order No Return Limited Quantities

HARVEST Feeder Chains for Case IH Combines

Part Number	Fits Model No.	Wt.
FC1125	IH 914 3 chain 100 links 18 1/8" c-c on sprockets	129

HARVEST Concaves for Case IH CONVENTIONAL Combines

Part Number	Fits Model No.	OEM NUMBER	Wt.
CO2110	IH 402, 403, 715, 815	3 Holes 1pc 174557C91	173
CO2120	IH 402, 403, 715, 815	4 Hole Windrow Special	212
CO2130	IH 715, 815	1 Hole Welded Ear 177375C91	206
CO2140	IH 503, 914, 915	3 Holes 1pc 189738C92	206
CO2150	IH 503, 914, 915	4 Hole Windrow Special	266
CO2160	IH 503, 914, 915	1 Hole Welded Ear 177385C91	250

HARVEST Sieves to fit CASE IH Combines

Part Number	Fits Model No.	LxW	Wt.
CH1115	Airfoil Chaffer IH 815 S/N -4688	65x34	43
CH1120	Airfoil Chaffer IH 815 S/N 4689- 1420, 1620	62x36	52
ACH1120	Adj Chaffer IH 815 S/N 4689- 1420, 1620	62x36	47
CH1127	Airfoil Chaffer IH 915 S/N 3180-8000		55

New Holland Parts Special Order No Return Limited Quantities

HARVEST Feeder Chains for New Holland Combines

Part Number	Fits Model No.	Number of Ch Lks	C-C on Sprocket	Wt.
FC1410	NH 990, 995, 1500	3 92	19 11/16"	129
FC1425	NH TR 70, 75, 85	3 92	15 1/4"	95
SL1410	Slat fits FC1410			
SL1425L	Slat fits FC1425 Left-hand side			
SL1425R	Slat fits FC1425 Right-hand side			

CONCAVES for New Holland CONVENTIONAL COMBINES

Part Number	Fits Model No.	Wt.
CO2450	NH 1400	224
CO2460	NH 1500	286

HARVEST Sieves to fit NEW HOLLAND Combines

Part Number	Fits Model No.	LxW	Wt.
CH1405	Airfoil Chaffer NH 980, 985	60x39	54
CH1410	Airfoil Chaffer NH 990, 995	57x49	76
CH1415	Airfoil Chaffer NH 1400	64x39	52
CH1420	Airfoil Chaffer NH 1500	64x48	63
ACH1420	Adj Chaffer NH 1500	64x48	63
BS1420	Bottom Sieve NH 1500	50x49	58

SPECIAL ORDER ITEMS NO RETURN LIMITED QUANTITIES

Massey Ferguson, Gleaner, White, CI, & Claas Parts Special Order No Return Limited Quantities

HARVEST Feeder Chains for Massey Ferguson, Gleaner, CI and White

Part Number	Fits Model No.		Ch	Lks	C-C	Wt.
FC1210	MF 510, 550		3	70	18	95
FC1215	MF 750, 751, 850		4	80	14 3/4	110
FC1220	MF 760, 860		4	80	17 7/8	141
FC1221	MF 760, 860	2pc Set	4	96	23 1/4	164
FC1310	WH 7600, 8600, 8700		3	86	17 3/4	95
FC1312	WH 7800, 8800, 8900, 8950		3	86	21 3/16	110
FC1315	WH 8920		3	94	21 3/16	141
FC1320	WH 9700, 9720, MF8590		3	96	21 3/16	164
FC1321	WH 9720		4	96	18	146
FC1650	CI CCIL 960, 9600		3	84	17 9/16	124
SL1210	Slat fits FC1210 & FC1442 Center					
SL1215	Slat fits FC1215					
SL1220	Slat fits FC1220					
SL1221	Slat fits FC1221					
SL1310	Slat fits FC1310					
SL1312	Slat fits FC 1312 & FC1315					
SL1320	Slat fits FC 1320					

HARVEST Conventional Concaves for Massey Ferguson, Gleaner, CI and White

Part Number	Fits Model No.			Wt.
CO2210	MF 405, 410, 540		With Front & Rear Plates	134
CO2220	MF 510, 550		With Front & Rear Plates	160
CO2230	MF 750, 751		With Front & Rear Plates	279
CO2240	MF 760		With Front & Rear Plates	345
CO2260	MF 860, 865		With Front & Rear Plates	349
CO2310	WH 431, 542, 545, 5542, 4290			201
CO2320	WH 7600, 8600, 8650, 8700			229
CO2330	WH 7800, 8800, 8900, 8920, 8950			235
CO2510	GL M SERIES			223
CO2520	GL L SERIES			249
CO2610	CI CCIL 950, 951, 960, 9600			247

HARVEST Sieves for Massey Ferguson, Gleaner, White, CI Claas

Part Number	Fits Model No.		LxW	Wt.
CH1205	Airfoil Chaffer	MF 405, 410(Cascade Shoe) & Kit	67x36	58
CH1213	Airfoil Chaffer	MF 510, 550	49x43	41
ACH1215	Adj Chaffer	MF 750, 751, 850, 851, 852	39x48	48
BS1214	Bottom Sieve	MF 750, 751, 850, 851, 852 Middle	39x48	45
BS1215	Bottom Sieve	MF 750, 751, 850, 851, 852 Bottom	39x48	45
BS1216	Bottom Sieve	MF 750, 751, 850, 851, 852 Bottom Extension	26x48	33
CH1320	Airfoil Chaffer	MF 8590, WH 9700, 9720	79x58	91
BS1320	Bottom Sieve	MF 8590, WH 9700, 9720	58x58	80
CH1310	Airfoil Chaffer	WH 7600, 8600, 8650, 8700	56x44	52
BS1310	Bottom Sieve	WH 7600, 8600, 8650, 8700	46x44	48
CH1312	Airfoil Chaffer	WH 7800 (S/N -30100), 8800, 8900, 8920	56x50	56
ACH1312	Adj Chaffer	WH 7800 S/N 30100-, 8800, 8900, 8920	56x50	60
BS1312	Bottom Sieve	WH 7800 S/N 30100-, 8800, 8900, 8920	46x50	65
CH1320	Airfoil Chaffer	WH 9700, 9720, MF 8590	79x58	91
BS1320	Bottom Sieve	WH 9700, 9720, MF 8590	58x58	80
CH1545	Airfoil Chaffer	GL M Short	49x45	50
ACH1545	Adj Chaffer	GL M, M2 S/N -22100, Short Shoe	49x45	50
BS1545	Bottom Sieve	GL M, M2 S/N -22100, Short Shoe	44x43	48
CH1550	Airfoil Chaffer	GL M Long	57x45	57
ACH1550	Adj Chaffer	GL M2 S/N 21900-, M3, Long Shoe	57x45	60
BS1550	Bottom Sieve	GL M2 S/N 21900-, M3, Long Shoe	52x43	55
ACH1555	Adj Chaffer	GL L, L2 S/N -19500, Short Shoe	49x53	60
BS1555	Bottom Sieve	GL L, L2 S/N -19500, Short Shoe	45x51	55
ACH1560	Adj Chaffer	GL L2 S/N 19501-,L3, Long Shoe	57x53	65
BS1560	Bottom Sieve	GL L2 S/N 19501-,L3, Long Shoe	52x51	55
CH1650	Airfoil Chaffer	CI 960, 9600	54x39	56
CH1810	Airfoil Chaffer	CL 106, 108, 116, MF8460	2pc Set 69x30	70
CH1855	Airfoil Chaffer	Belarus 8420		
ACH1860	Adj Chaffer	BELARUS-DON 1500		95

RUB BAR SHIMMING/CONCAVE SET-UP

Install the concaves as you would normally. Allow the rear of the concave to have plenty of room because you will use the front bars to level and shim to. You do not want the back bars to get in the way. Materials needed include shims and a flat iron guide. The guide will be used as an aid in testing for the number of shims to be used by laying it on top of the front bars of the concave, always remaining in the same position.

Disconnect the cylinder drive so the cylinder will rotate freely.

Lay the flat iron guide on the 1st & 2nd or 2nd & 3rd bars of the concave. Adjust the concave as accurately as possible for level. With the concave now level, turn the cylinder and adjust the front of the concave up until a rub bar begins to scrape the flat iron guide. When this happens you have found the high spot on the high bar. Mark this bar #1. Move the flat iron guide the full length of #1 rub bar, checking under each hub to see if a shim can be placed between the plate and the rub bar. If this is possible, make a reference mark as to how many shims can be installed. Rotate the cylinder to the next rub bar.

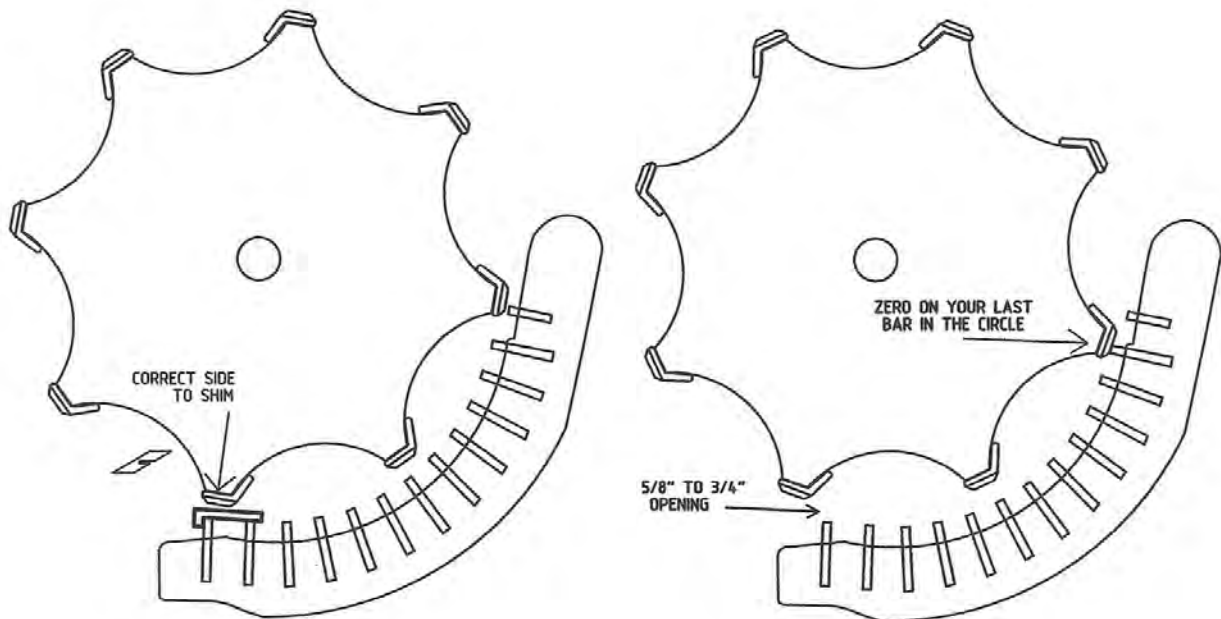
Check all of the remaining bars and don't forget to number all bars and mark all hubs as to the number of shims needed. After you have marked the entire circle you are now ready to begin loosening the bolts that hold the rub bars to the hub and install the correct number of shims.

It is important to only shim the following side of the rub bar so that it will maintain the wedge configuration of the original rub bar. This will be installing the shims from the side facing you. Check all bolts for tightness after the shims are installed.

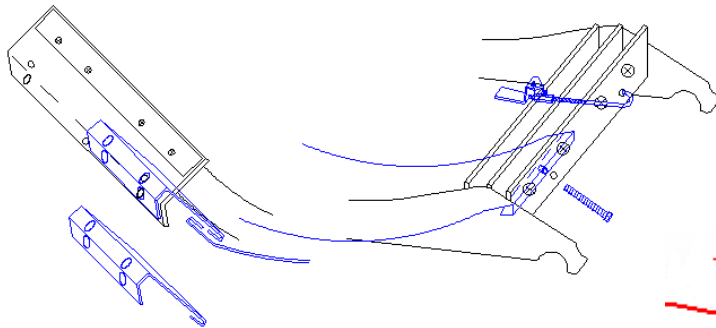
The cylinder should now be round within 30/1000 of an inch. Lower the front to approximately $\frac{3}{4}$ of an inch. Begin adjusting the back hangers up. Adjust the back of the concave as close to zero as possible to the rub bars using a 0.010 gauge. Spin the cylinder by hand and make sure none of the rub bars are hitting.

It is important to make the final rear hanger adjustment to the up side, making sure all the slack is out before tightening the clamp bolt. If you go too tight, back the hanger adjustment down and start the procedure again. There cannot be too much emphasis on adjusting the rear of the concave to zero tolerance. **THIS PROCEDURE WILL NOT CRACK GRAIN.** Cracked grain is a function of cylinder speed.

The last procedure is to static balance your cylinder by adding bolts and washers. You can make weights out of flat iron if necessary.



HARVEST COVER PLATES & HANDLES for CASE IH ROTARY COMBINES



Use bottom holes for Cover Plate installation using either bolt or Cover Plate Handle

OLDER MODEL CASE IH CONCAVE
Requires holes "A" and "B" drilled

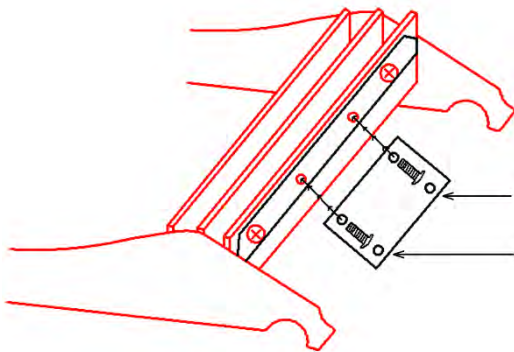
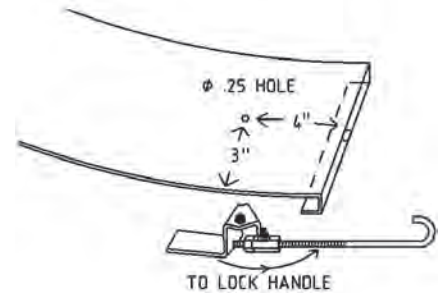


The HARVEST COVER PLATES fit over the bottom outside of the concave and hold the heads in place to allow for proper threshing, particularly in small grains. Depending on how difficult the crop is to thresh you'll add as many cover plates as are required to achieve proper threshing. Two HARVEST COVER PLATES, covering the first concave completely, are usually enough to achieve effective threshing in difficult to thresh crops. In hard to thresh conditions a third HARVEST COVER PLATE may be installed at the front of the second concave.

In addition to improving the threshing the HARVEST COVER PLATES prevent the rotor from driving all the material through the right side of the concave and overloading the right side of the shoe. You'll get a more uniform distribution of material across the entire width of the shoe supply augers.

HARVEST COVER PLATE HANDLE

The Harvest Cover Plate Handle allows for easy installation and removal of Cover Plate. The handle features an over centering lever action to lock the Cover Plate in place. To attach the handle to the cover plate drill a 1/4" hole as shown, then bolt handle onto cover plate.



CASE IH 1PIECE CONCAVE

The Cover Plate Handle and the CP Retainer Plate **MUST** be used with the CASE IH 1 PC CONCAVE.

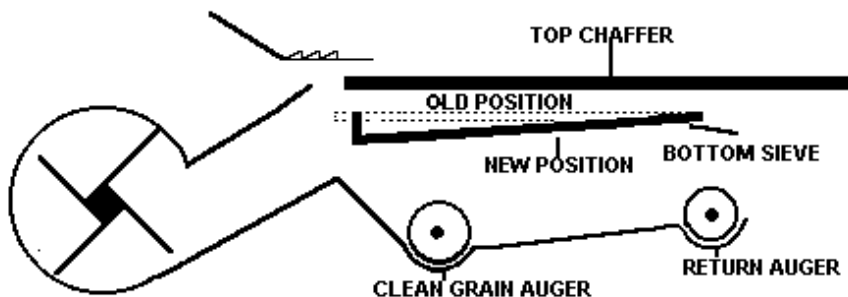
To attach the CP Retainer Plate remove the two center bolts on the wire-retaining strap on the concave and then bolt on CP Retainer Plate.

J-Bolt must be hooked into the bottom of the CP Retainer Plate.

JOHN DEERE COMBINE

SERIES 6600/6620, 7700/20, 8820 [NOT TITAN II SERIES]

PROBLEM: Poor chaffer performance can result because the bottom cleaning sieve is robbing air from the chaffer. Grain stuffs off the back of the shoe. There is a dirty sample in the tank and a heavy amount of clean grain in the return.



REASON:

The bottom sieve is too flat, allowing the clean grain to run into the return. The front of the sieve catches too much air, blowing the lighter crop into the return. At the same time the top chaffer doesn't get enough air to effectively separate the seeds from the chaff.

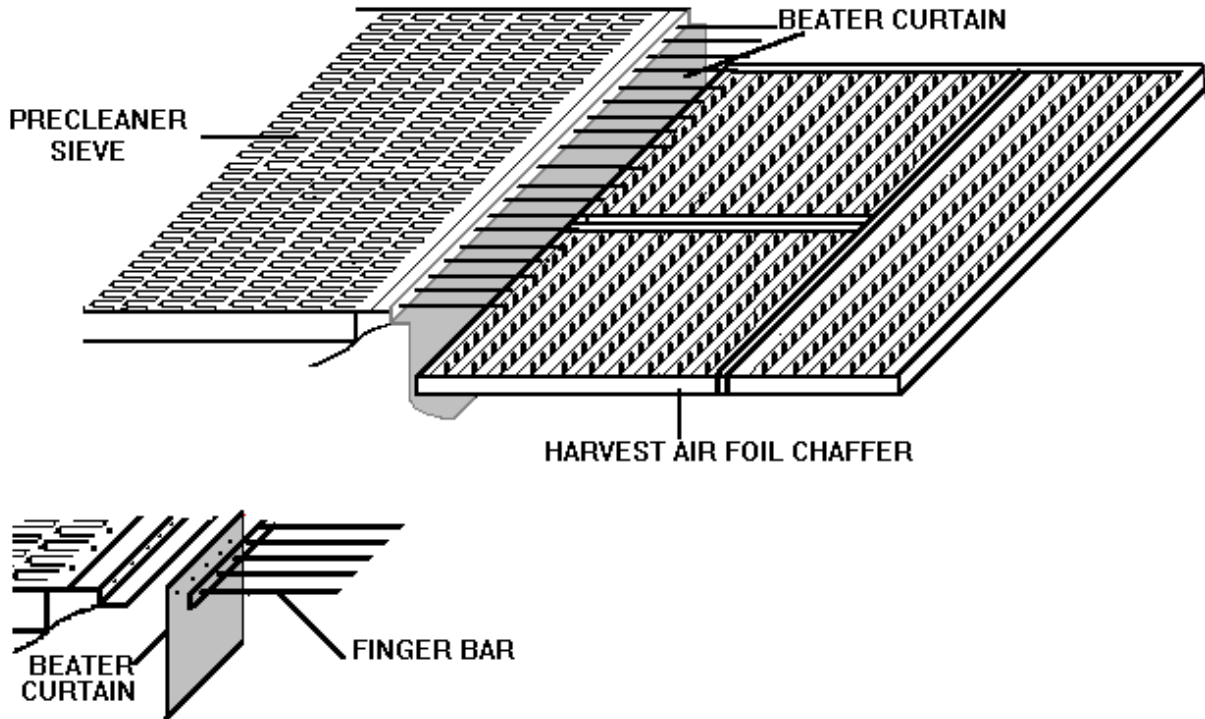
SOLUTION:

Lower the front of the bottom sieve 2".

1. Take out the top chaffer so that you can also remove the bottom sieve.
2. Remove the old angle iron ledges that supported the bottom sieve either by drilling out the spot welds or cutting off the angle iron ledge using an angle grinder or air chisel.
3. The angle iron ledge will have to be shorter because the front of it runs below the smooth wall of the shoe. You can reinstall a new angle iron ledge 2" lower at the front and the same height at the back. (Due to variations in different models determine if this alteration can be achieved without hitting the bottom of the clean grain housing.) Make the new angle iron ledge with 14 gauge metal. Use pop rivets to install it. The angle iron is not required for strength but it will make it easier to remove or install the bottom sieve.
4. Weld a piece of 2.5" x 1" angle iron to the front corners of the bottom sieve. Be sure to maintain back to front hole centre distance before welding on bracket.
5. Drill a new 1/2" diameter hole into the face of the new angle iron pieces 2" directly above the old hole in the front of the bottom sieve frame.
6. Weld a 1/2" nut behind the new 1/2" hole.
7. Reinstall the bottom sieve using the same holes at the back and the new holes at the front.

JOHN DEERE MAXIMIZER COMBINE SERIES 9400/9500/9600

PROBLEM: Poor chaffer performance and a dirty sample can result because of the gap between the rear of the precleaner and the front of the chaffer.

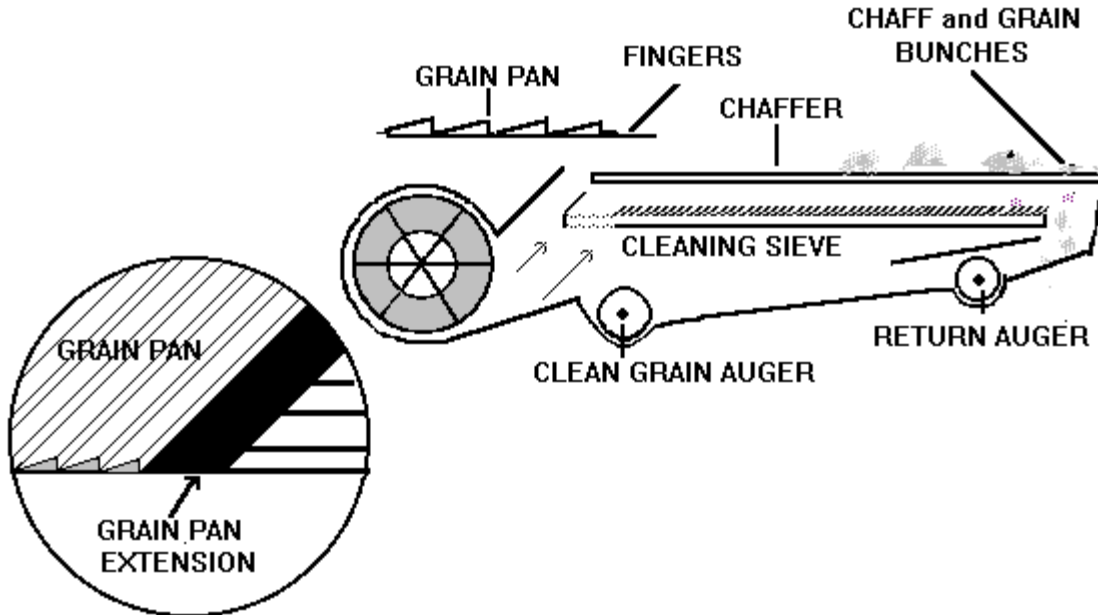


REASON: Depending on the position of the reciprocating shoe assembly the gap will vary from 3 5/8" to 5". This large gap causes a loss of air pressure under the top chaffer. Because there is not enough air left to keep the chaff airborne, grain loss can occur.

SOLUTION: Bolt a piece of beater curtain to the steel frame of the precleaner. Ensure that the curtain is bolted underneath the plastic fingers at the rear of the precleaner. When you start the combine the air pressure will blow the curtain against the front of the chaffer and seal the gap to give you positive pressure under the chaffer. For the 9400/9500 combine use a 9" x 52" piece of draper curtain and for the 9600 combine use a 9" x 62" piece.

CASE IH ROTARY COMBINES

PROBLEM: Grain and chaff fall off the back of the chaffer in bunches. At the same time, excessive clean grain in the return overloads the right side of the shoe and leaves a stream of grain on the ground.



REASON: The cleaning sieve (bottom sieve) is too far forward. On every forward stroke it cuts the air off to the top chaffer. Also, too much air under the bottom sieve blows clean grain into the return, overloading the system.

SOLUTION: On most models remove the first five rows of louvers from the front of the clean grain sieve. There is no grain falling on the front 6" of the clean grain sieve, so those louvers are not doing anything but harm. Removing them will let a stronger, steadier stream of air reach the top chaffer. With less air under the cleaning sieve, there will be a big reduction in the amount of clean grain blown in the return. In milo and other crops where spearing is a problem, the Ripple Tin should also be used. Heavy return may also show up as a rotor loss on the sensors. Installing **Harvest** Cover Plates on the concaves will load the shoe more evenly across its width, and enable you to do a better job of threshing the white caps.

NOTE: It is a good idea to spray paint the front 12" of the bottom sieve, so you can see where the grain is falling onto the sieve. Then, remove the louvers that still have paint on them. Different year models of these machines will show different wear patterns, so we can't recommend a set number of louvers to be removed for all machines.

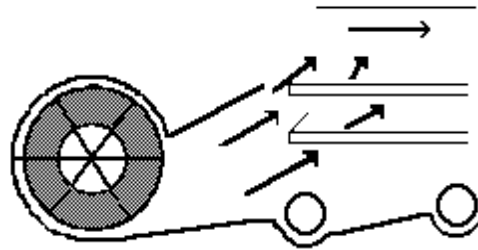
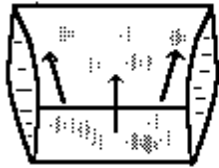
On all 1400 series machines and early 1600 series, be sure to cover the extension fingers at the rear of the grain pan with a 4 1/4" wide plate (available at your IH dealer). This plate has been factory installed on the later 1600 series machines (after 1989). Failure to do this may cause a dirty sample when using an adjustable long tooth top chaffer. If you are using an Air Foil chaffer this will not be a problem, as you can install a Ripple Tin on the front of the chaffer, covering the front 10" of the chaffer. This prevents any material from falling through at all. If you are going to use an adjustable long tooth chaffer without installing the 4 1/4" plate over the fingers, then remove only the first **three** louvers from the front of the bottom sieve.

For a **NOTICEABLE** improvement in combine performance

HARVEST FAN THROAT KIT FOR CASE IH ROTARY COMBINES

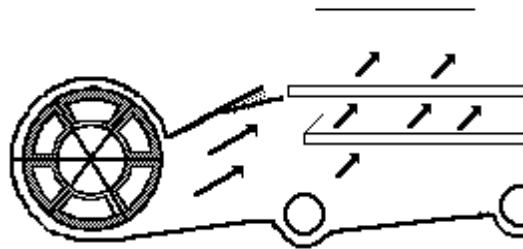
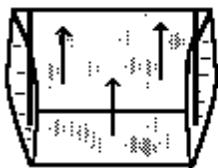
PROBLEM:

1. Dirty sample in the tank, overloaded return, and grain loss.
2. Grain and chaff fall off the back of the chaffer in bunches.



REASON:

The fan is starved for air in the center, so the middle section of the chaffer has a severe downdraft. Chaff is sucked into the clean grain system. Air escapes over the front of the top chaffer reducing the effective lift at the front of the chaffer. The air strikes the bottom of the grain pan, turns horizontal and blows over the top of the chaffer. The fan throat flares out to the sides contributing to the dead spot in the middle of the chaffer and the stronger flow of air along both sides. Increasing the fan speed blows too much grain in the return, eventually plugging the return. The dirty sample remains. In addition the cleaning sieve [bottom sieve] is far too long and on every forward stroke it cuts the air off to the top chaffer. Also, too much air under the bottom sieve blows clean grain into the return overloading the system.



SOLUTION:

THROAT TIN

The new Throat Tin eliminates air loss at the front of the chaffer resulting in more effective lift.

GUIDE VANES

The guide vanes in the new throat tin direct the air equally under the chaffer. The guide vanes reduce the grain blow-over on the outer edges of the chaffer and the dead spot in the center of the chaffer which causes a dirty sample.

OPEN END DIVIDERS

The open end dividers allow the center of the fan to breathe.

BOTTOM CLEANING SIEVE

The cleaning sieve should be shortened. This will not cause any problems because there is no grain falling on the front 6" of the bottom sieve. With less air under the bottom sieve, there will be a reduction in the amount of clean grain blown into the return and the front 1/3 of the top chaffer will now receive an even supply of air.



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