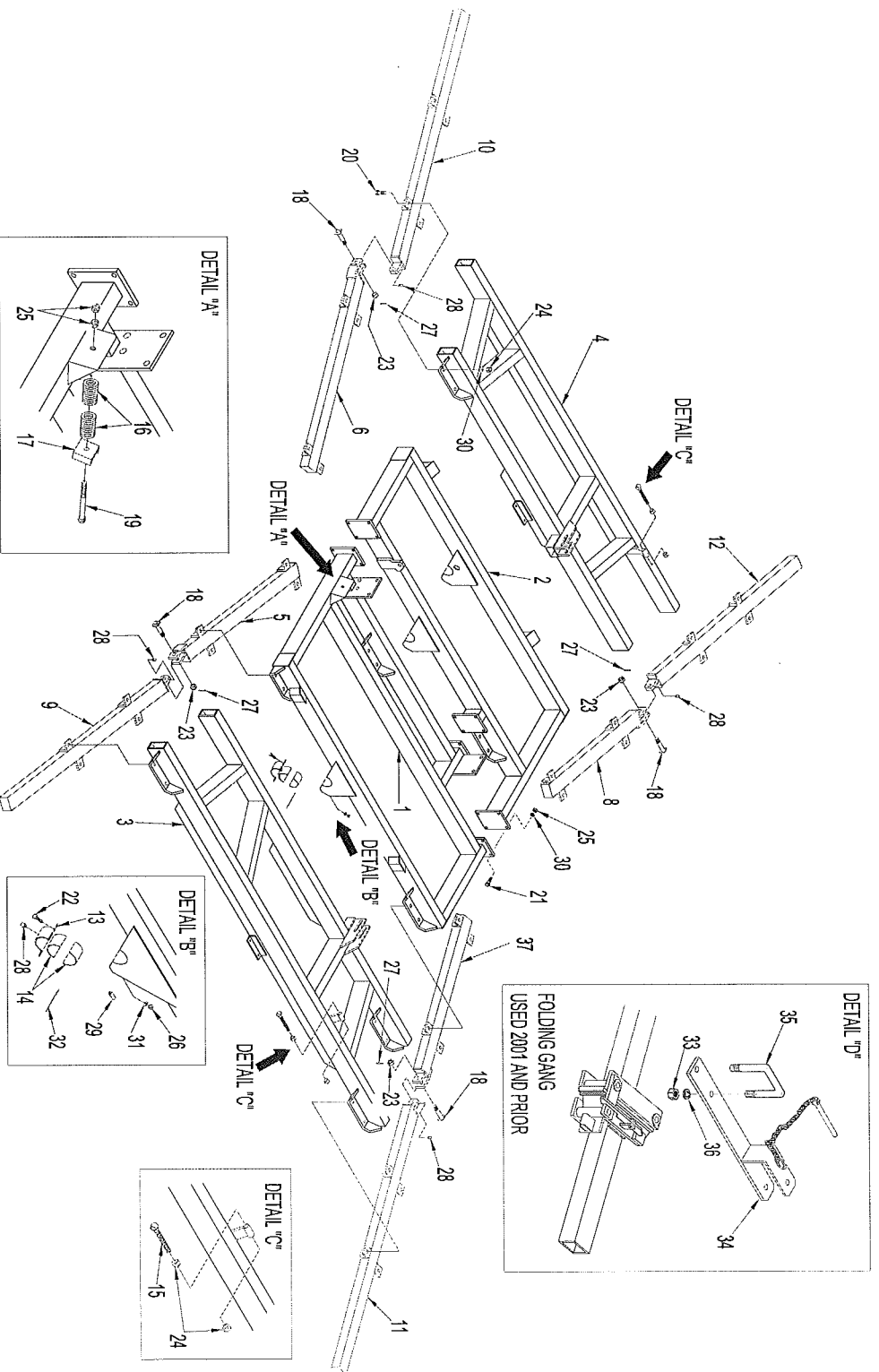


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MODEL 4600 DISC



MODEL 4600 DISC

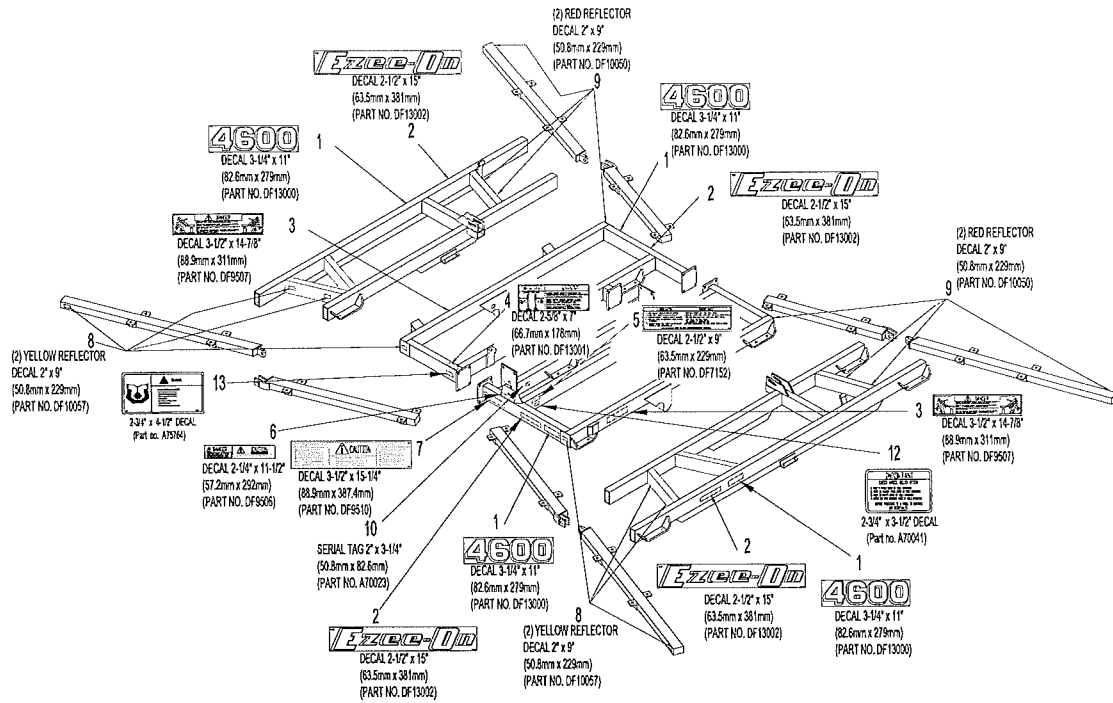
FRAME & GANG BEAM ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D	REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DF13018	L.H. Main Frame half less rockshaft bearing cap & spring cushion assembly	1	11		9" (230mm) SPACING	
2	DF13019	R.H. Main Frame half less rockshaft bearing caps	1		DG13176	L.H. Rear Wing Gang Beam (Solid Type) - 89" (2260mm) long	*
3	DF13020	L.H. Wide Wing Frame - 85" (2159mm) overall width less cylinder lug I-bolt, & wing lift cylinder pins	1		DG13177	L.H. Rear Wing Gang Beam (Solid Type) - 97" (2463mm) long	*
	DF13021	L.H. Narrow Wing Frame - 42-1/2" (1080mm) overall width less cylinder lug I-bolt & wing lift cylinder pins	1		DG13060	L.H. Rear Wing Gang Beam (Solid Type) - 107" (2718mm) long	*
	DF13139	L.H. Super Narrow Wing Frame - 29-1/4" (742mm) overall width less cylinder lug I-bolt & wing lift cylinder pins	1		DG13061	L.H. Rear Wing Gang Beam (Solid Type) - 135" (3429mm) long	*
4	DF13022	R.H. Wide Wing Frame - 85" (2159mm) overall width less cylinder lug I-bolt & wing lift cylinder pins	1		DG13062	L.H. Rear Wing Gang Beam (Solid Type) - 153" (3886mm) long	*
	DF13023	R.H. Narrow Wing Frame - 42-1/2" (1080mm) overall width less cylinder lug I-bolt & wing lift cylinder pins	1		DG13063	L.H. Rear Wing Gang Beam (Solid Type) - 173" (4394mm) long	*
	DF13138	R.H. Super Narrow Wing Frame - 29-1/4" (742mm) overall width less cylinder lug I-bolt & wing lift cylinder pins	1		DG13064	L.H. Rear Wing Gang Beam (Solid Type) - 181" (4597mm) long	*
5	DG13024	L.H. Front Main Frame Gang Beam - 86-1/2" (2197mm) long	1		DG13172	L.H. Rear Wing Gang Beam (Solid Type) - 188" (4775mm) long	*
6	DG13025	R.H. Front Main Frame Gang Beam - 86-1/2" (2197mm) long	1		DG13065	L.H. Rear Wing Gang Beam (Folding Type) - 125" (3175mm) & 63" (1600mm) long	*
7	DG13026	L.H. Rear Main Frame Gang Beam - 69-1/2" (1765mm) long	1			10-1/2" (267mm) SPACING	
8	DG13027	R.H. Rear Main Frame Gang Beam - 69-1/2" (1765mm) long	1		DG13178	L.H. Rear Wing Gang Beam (Solid Type) - 90" (2286mm) long	*
9		9" (230mm) SPACING			DG13179	L.H. Rear Wing Gang Beam (Solid Type) - 100" (2540mm) long	*
	DG13142	L.H. Front Wing Gang Beam (Solid Type) - 62" (1574mm) long	*		DG13066	L.H. Rear Wing Gang Beam (Solid Type) - 113" (2870mm) long	*
	DG13143	L.H. Front Wing Gang Beam (Solid Type) - 70" (1778mm) long	*		DG13061	L.H. Rear Wing Gang Beam (Solid Type) - 135" (3429mm) long	*
	DG13028	L.H. Front Wing Gang Beam (Solid Type) - 79" (2007mm) long	*		DG13067	L.H. Rear Wing Gang Beam (Solid Type) - 156" (3962mm) long	*
	DG13029	L.H. Front Wing Gang Beam (Solid Type) - 107" (2718mm) long	*		DG13068	L.H. Rear Wing Gang Beam (Solid Type) - 178" (4521mm) long	*
	DG13036	L.H. Front Wing Gang Beam (Solid Type) - 128" (3251mm) long	*		DG13069	L.H. Rear Wing Gang Beam (Solid Type) - 189" (4801mm) long	*
	DG13031	L.H. Front Wing Gang Beam (Solid Type) - 145" (3683mm) long	*		DG13173	L.H. Rear Wing Gang Beam (Solid Type) - 197" (5004mm) long	*
	DG13043	L.H. Front Wing Gang Beam (Solid Type) - 154" (3912mm) long	*		DG13070	L.H. Rear Wing Gang Beam (Folding Type) - 134" (3404mm) & 63" (1600mm) long	*
	DG13170	L.H. Front Wing Gang Beam (Solid Type) - 163" (4140mm) long	*			12" (305mm) SPACING	
	DG13033	L.H. Front Wing Gang Beam (Folding Type) - 128" (3251mm) & 35" (889mm) long	*		DG13181	L.H. Rear Wing Gang Beam (Solid Type) - 85" (2159mm) long	*
		10-1/2" (267mm) SPACING			DG13182	L.H. Rear Wing Gang Beam (Solid Type) - 97" (2463mm) long	*
	DG13144	L.H. Front Wing Gang Beam (Solid Type) - 64" (1626mm) long	*		DG13071	L.H. Rear Wing Gang Beam (Solid Type) - 110" (2794mm) long	*
	DG13146	L.H. Front Wing Gang Beam (Solid Type) - 72" (1828mm) long	*		DG13183	L.H. Rear Wing Gang Beam (Solid Type) - 123" (3124mm) long	*
	DG13034	L.H. Front Wing Gang Beam (Solid Type) - 85" (2159mm) long	*		DG13061	L.H. Rear Wing Gang Beam (Solid Type) - 135" (3429mm) long	*
	DG13029	L.H. Front Wing Gang Beam (Solid Type) - 107" (2718mm) long	*		DG13072	L.H. Rear Wing Gang Beam (Solid Type) - 160" (4064mm) long	*
	DG13036	L.H. Front Wing Gang Beam (Solid Type) - 128" (3251mm) long	*		DG13063	L.H. Rear Wing Gang Beam (Solid Type) - 173" (4394mm) long	*
	DG13037	L.H. Front Wing Gang Beam (Solid Type) - 150" (3810mm) long	*		DG13073	L.H. Rear Wing Gang Beam (Solid Type) - 186" (4724mm) long	*
	DG13038	L.H. Front Wing Gang Beam (Solid Type) - 161" (4089mm) long	*		DG13074	L.H. Rear Wing Gang Beam (Solid Type) - 195" (4953mm) long	*
	DG13170	L.H. Front Wing Gang Beam (Solid Type) - 168" (4267mm) long	*	12		9" (230mm) SPACING	
	DG13039	L.H. Front Wing Gang Beam (Folding Type) - 128" (3251mm) & 35" (889mm) long	*		DG13187	R.H. Rear Wing Gang Beam (Solid Type) - 89" (2260mm) long	*
		12" (305mm) SPACING			DG13188	R.H. Rear Wing Gang Beam (Solid Type) - 97" (2463mm) long	*
	DG13147	L.H. Front Wing Gang Beam (Solid Type) - 62" (1574mm) long	*		DG13075	R.H. Rear Wing Gang Beam (Solid Type) - 107" (2718mm) long	*
	DG13148	L.H. Front Wing Gang Beam (Solid Type) - 72" (1828mm) long	*		DG13076	R.H. Rear Wing Gang Beam (Solid Type) - 135" (3429mm) long	*
	DG13028	L.H. Front Wing Gang Beam (Solid Type) - 79" (2007mm) long	*		DG13077	R.H. Rear Wing Gang Beam (Solid Type) - 153" (3886mm) long	*
	DG13149	L.H. Front Wing Gang Beam (Solid Type) - 92" (2337mm) long	*		DG13078	R.H. Rear Wing Gang Beam (Solid Type) - 173" (4394mm) long	*
	DG13040	L.H. Front Wing Gang Beam (Solid Type) - 104" (2642mm) long	*		DG13079	R.H. Rear Wing Gang Beam (Solid Type) - 181" (4597mm) long	*
	DG13041	L.H. Front Wing Gang Beam (Solid Type) - 129" (3277mm) long	*		DG13174	R.H. Rear Wing Gang Beam (Solid Type) - 188" (4775mm) long	*
	DG13042	L.H. Front Wing Gang Beam (Solid Type) - 142" (3607mm) long	*		DG13080	R.H. Rear Wing Gang Beam (Folding Type) - 125" (3175mm) & 63" (1600mm) long	*
	DG13043	L.H. Front Wing Gang Beam (Solid Type) - 155" (3937mm) long	*			10-1/2" (267mm) SPACING	
	DG13044	L.H. Front Wing Gang Beam (Solid Type) - 166" (4216mm) long	*		DG13189	R.H. Rear Wing Gang Beam (Solid Type) - 90" (2286mm) long	*
10		9" (230mm) SPACING			DG13192	R.H. Rear Wing Gang Beam (Solid Type) - 100" (2540mm) long	*
	DG13160	R.H. Front Wing Gang Beam (Solid Type) - 62" (1574mm) long	*		DG13080	R.H. Rear Wing Gang Beam (Solid Type) - 113" (2870mm) long	*
	DG13161	R.H. Front Wing Gang Beam (Solid Type) - 70" (1778mm) long	*		DG13076	R.H. Rear Wing Gang Beam (Solid Type) - 135" (3429mm) long	*
	DG13045	R.H. Front Wing Gang Beam (Solid Type) - 79" (2007mm) long	*		DG13081	R.H. Rear Wing Gang Beam (Solid Type) - 156" (3962mm) long	*
	DG13046	R.H. Front Wing Gang Beam (Solid Type) - 107" (2718mm) long	*		DG13082	R.H. Rear Wing Gang Beam (Solid Type) - 178" (4521mm) long	*
	DG13047	R.H. Front Wing Gang Beam (Solid Type) - 128" (3251mm) long	*		DG13083	R.H. Rear Wing Gang Beam (Solid Type) - 189" (4801mm) long	*
	DG13048	R.H. Front Wing Gang Beam (Solid Type) - 145" (3683mm) long	*		DG13175	R.H. Rear Wing Gang Beam (Solid Type) - 197" (5004mm) long	*
	DG13049	R.H. Front Wing Gang Beam (Solid Type) - 154" (3912mm) long	*		DG13084	R.H. Rear Wing Gang Beam (Folding Type) - 134" (3404mm) & 63" (1600mm) long	*
	DG13171	R.H. Front Wing Gang Beam (Solid Type) - 163" (4140mm) long	*			12" (305mm) SPACING	
	DG13050	R.H. Front Wing Gang Beam (Folding Type) - 128" (3521mm) & 35" (889mm) long	*		DG13193	R.H. Rear Wing Gang Beam (Solid Type) - 85" (2159mm) long	*
		10-1/2" (267mm) SPACING			DG13194	R.H. Rear Wing Gang Beam (Solid Type) - 97" (2464mm) long	*
	DG13165	R.H. Front Wing Gang Beam (Solid Type) - 64" (1626mm) long	*		DG13085	R.H. Rear Wing Gang Beam (Solid Type) - 110" (2794mm) long	*
	DG13166	R.H. Front Wing Gang Beam (Solid Type) - 72" (1828mm) long	*		DG13195	R.H. Rear Wing Gang Beam (Solid Type) - 123" (3124mm) long	*
	DG13051	R.H. Front Wing Gang Beam (Solid Type) - 85" (2159mm) long	*		DG13086	R.H. Rear Wing Gang Beam (Solid Type) - 135" (3429mm) long	*
	DG13046	R.H. Front Wing Gang Beam (Solid Type) - 107" (2718mm) long	*		DG13087	R.H. Rear Wing Gang Beam (Solid Type) - 160" (4064mm) long	*
	DG13052	R.H. Front Wing Gang Beam (Solid Type) - 128" (3251mm) long	*		DG13078	R.H. Rear Wing Gang Beam (Solid Type) - 173" (4394mm) long	*
	DG13053	R.H. Front Wing Gang Beam (Solid Type) - 150" (3810mm) long	*		DG13088	R.H. Rear Wing Gang Beam (Solid Type) - 186" (4724mm) long	*
	DG13054	R.H. Front Wing Gang Beam (Solid Type) - 161" (4089mm) long	*		DG13089	R.H. Rear Wing Gang Beam (Solid Type) - 195" (4953mm) long	*
	DG13171	R.H. Front Wing Gang Beam (Solid Type) - 168" (4267mm) long	*	13	DFA5041	Rockshaft Bearing Cap - plain, non-reinforced type	3
	DG13055	R.H. Front Wing Gang Beam (Folding Type) - 128" (3521mm) & 35" (889mm) long	*	14	DR5259	Rockshaft Bearing Liner Half	6
		12" (305mm) SPACING		15	DFA9564	1-1/4" (31.7mm) N.C. I-Bolt Cylinder Lug	2
	DG13167	R.H. Front Wing Gang Beam (Solid Type) - 62" (1574mm) long	*	16	DG5187	5" (127mm) Long Compression Spring	2
	DG13168	R.H. Front Wing Gang Beam (Solid Type) - 72" (1828mm) long	*	17	DFA10536	Spring Cushion Plate	1
	DG13045	R.H. Front Wing Gang Beam (Solid Type) - 79" (2007mm) long	*	18	DG13009	1-1/2" (38.1mm) Dia. x 5" (127mm) (Under Head) Wing Hinge Pin	4
	DG13169	R.H. Front Wing Gang Beam (Solid Type) - 92" (2337mm) long	*	19	B100140	1" (25.4mm) x 14" (356mm) N.C. Hex Bolt	1
	DG13055	R.H. Front Wing Gang Beam (Solid Type) - 104" (2642mm) long	*	20	B125035	1-1/4" (31.7mm) x 3-1/2" (88.9mm) N.C. Hex Bolt	32
				21	B100325	1" (25.4mm) x 3-1/4" (82.6mm) N.C. Hex Bolt	12
				22	B075025	3/4" (19mm) x 2-1/2" (63.5mm) N.C. Hex Bolt	6
				23	DH5165	1-1/2" (38.1mm) N.C. Slotted Hex Nut	4
				24	BN125	1-1/4" (31.7mm) N.C. Hex Nut	36
	DG13056	R.H. Front Wing Gang Beam (Solid Type) - 129" (3277mm) long	*	25	BN100	1" (25.4mm) N.C. Hex Nut	14
	DG13057	R.H. Front Wing Gang Beam (Solid Type) - 142" (3607mm) long	*	26	BN075	3/4" (19mm) N.C. Hex Nut	6
	DG13058	R.H. Front Wing Gang Beam (Solid Type) - 155" (3937mm) long	*	27	BP31225	5/16" (7.8mm) x 2-1/4" (57mm) Cotter Pin	7
	DG13059	R.H. Front Wing Gang Beam (Solid Type) - 166" (4216mm) long	*	28	10GN1	1/4" (6.35mm) - 28 Straight Grease Fitting - bottom	4
				29	10GN2	1/4" (6.35mm) - 28 - 45 Degree Grease Fitting - top	3
				30	BW125L	1-1/4" (31.7mm) Lockwasher	32
				31	BW075L	3/4" (19mm) Lockwasher	6
				32	DF5063	Rockshaft Bearing Cap Shim	*
				33	BN087	7/8" (22.2mm) N.C. Hex Nut	4
				34	D13137	Retainer Bracket - Folding Gang Beam	4
				35	DG5379	7/8" (22.2mm) x 7" (178mm) x 5-7/8" (111mm) U-Bolt	4
				36	BW0876	7/8" (22.2mm) Lockwasher	4

* as required

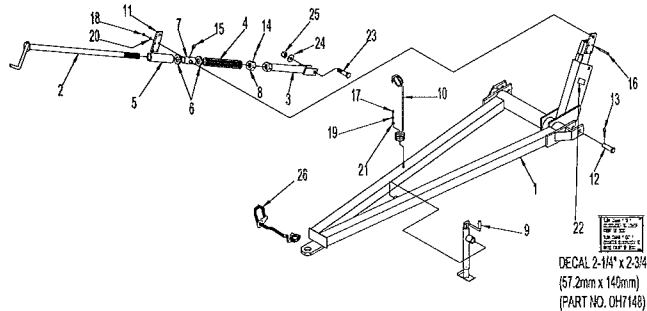
NOTE: To determine gang beam lengths for your machine, see gang chart on page 40.

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DECALS (FRAME AND GANG BEAM)

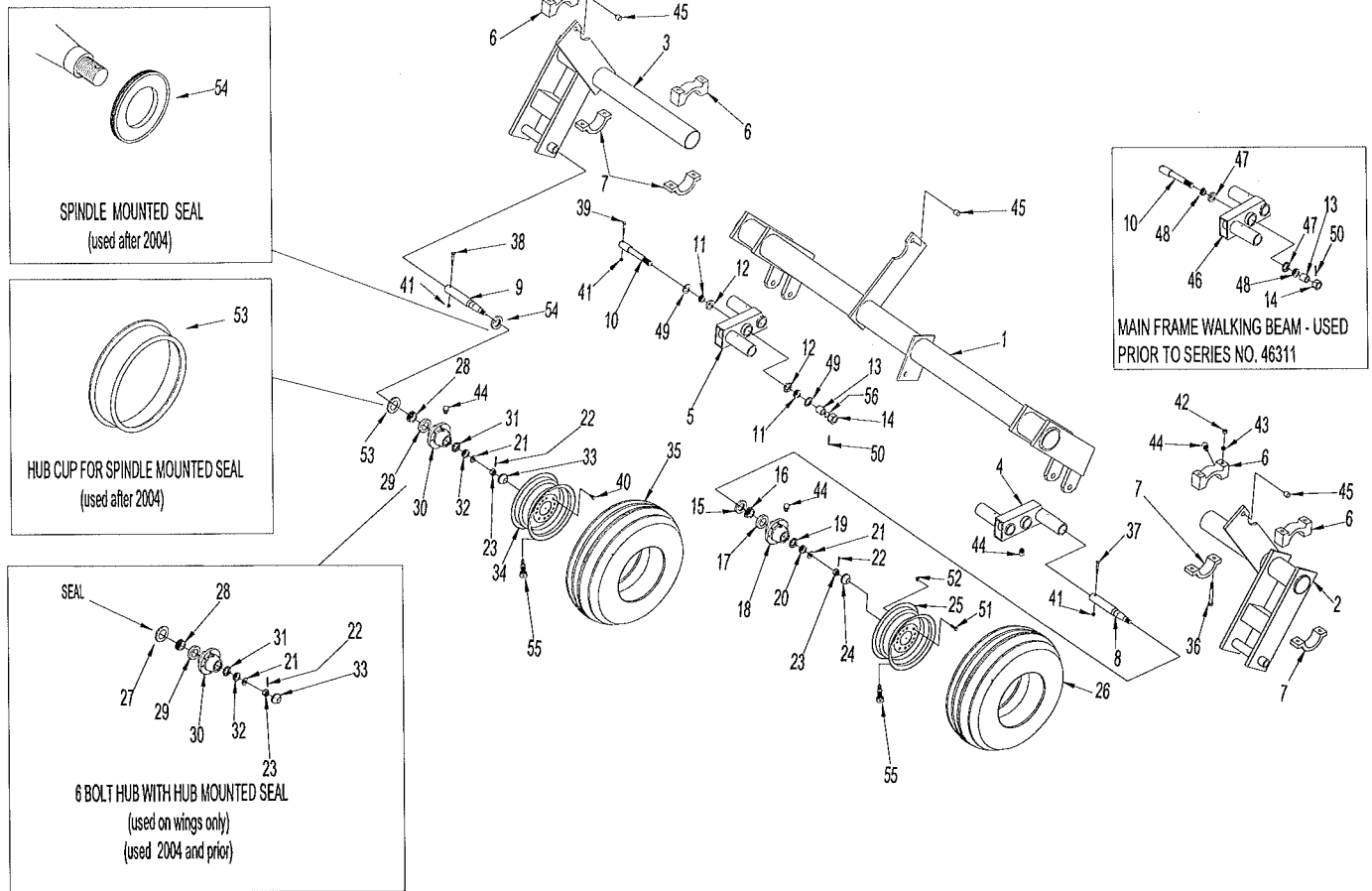
REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DF13000	4600 Decal (3-1/4" (82.6mm) x 11" (279mm))	4
2	DF13002	Ezee-On Decal (2-1/2" (63.5mm) x 15" (381mm))	4
3	DF9507	Danger Decal (3-1/2" (88.9mm) x 14-7/8" (311mm))	2
4	DF13001	Hydraulic Lockup Decal (2-5/8" (66.7mm) x 7" (178mm))	1
5	DF7152	Maintenance Decal (2-1/2" (63.5mm) x 9" (229mm))	1
6	DF9506	Danger, Caution Decal (2-1/4" (57.2mm) x 11-1/2" (292mm))	1
7	DF9510	Caution Decal (3-1/2" (88.9mm) x 15-1/4" (387mm))	1
8	DF10057	Yellow Reflector (2" (50.8mm) x 9" (229mm))	6
9	DF10050	Red Reflector (2" (50.8mm) x 9" (229mm))	6
10	A70023	Serial Tag (2" (50.8mm) x 3-1/4" (82.6mm))	1
11	A75764	Read Manual Decal (2-5/16" (58.6mm) x 4-1/2" (114.3mm))	1
12	A70041	Check whl bolt decal - 2-1/4" x 3-1/2" (57.2mm x 88.9mm)	1
13	A75764	Read manual decal - 2-3/4" x 4-1/2" (69.8mm x 114.3mm)	1
	L001	Ezee-On Yellow Paint - 1 quart	*
	L002	Ezee-On Yellow Paint - 1/2 pint	*
	L015	Black Paint - 1 liter	*
	L016	Black Paint - 1/2 pint	*



HITCH & LEVELING CRANK ASSEMBLY

REF. NO	PART. NO	DESCRIPTION	QTY. REQ'D
1	DHB13097	Hitch c/w item 11, 12, 13 & 18	1
2	DCA9970	Leveling Crank - 50" (1270mm) Long	1
3	DCA5195	Leveling Link (16-3/4" (60.4mm) Pipe Length)	1
4	DC9618	Compression Spring	1
5	DC13098	Spacer Tube - 11" (279mm) Long)	1
6	DC15	Thrust Bearing - Timken #T199	2
7	DCA5184	Bearing Tube - leveling crank	1
8	DH5	2" (50.8mm) N.C. Heavy Hex Nut - drilled for set screw	1
9	DHB5170	Hitch Jack	1
10	DH9961	Hose Support - spring coil type	1
11	DH5146	Leveling Arm Lug	1
12	DHA9605	Hitch Pin - 1-1/2" (38.1mm) Dia. x 5" (127mm)	2
13	DH12517	7/16" (10.9mm) x 1-7/16" (36.3mm) Lynch Pin	2
14	BO50010S	1/2" (12.7mm) x 1" (25.4mm) N.C. Square Head Set Screw	1
15	10GN1	1/4" (6.35mm) - 28 Straight Grease Fitting	1
16	BO50050	1/2" (12.7mm) x 5" (127mm) N.C. Hex Bolt	4
17	BN062	5/8" (15.7mm) N.C. Hex Nut	1
18	BN050	1/2" (12.7mm) N.C. Hex Nut	4
19	BW062L	5/8" (15.7mm) Lockwasher	1
20	BW050L	1/2" (12.7mm) Lockwasher	4
21	BW17506806F	11/16" (17.2mm) I.D. x 1-3/4" (44.4mm) O.D. Flatwasher	1
22	DH7148	Crank Decal (2-1/4" (57.2mm) x 2-3/4" (140mm))	1
23	DR5215	1-1/4" (31.7mm) x 4-3/4" (120.6mm) N.C. Hex Bolt w/special thread length	1
24	BW125L	1-1/4" (31.7mm) Lockwasher	1
25	BN125	1-1/4" (31.7mm) N.C. Hex Nut	1
26	D13090	Safety Chain 20200 lbs up to 32 ft. (9165 Kgs for up to 9.75m)	1
	D13091	Safety Chain 30400 lbs for 35 to 42 ft. (13793 Kgs for 10.67m to 12.8m)	

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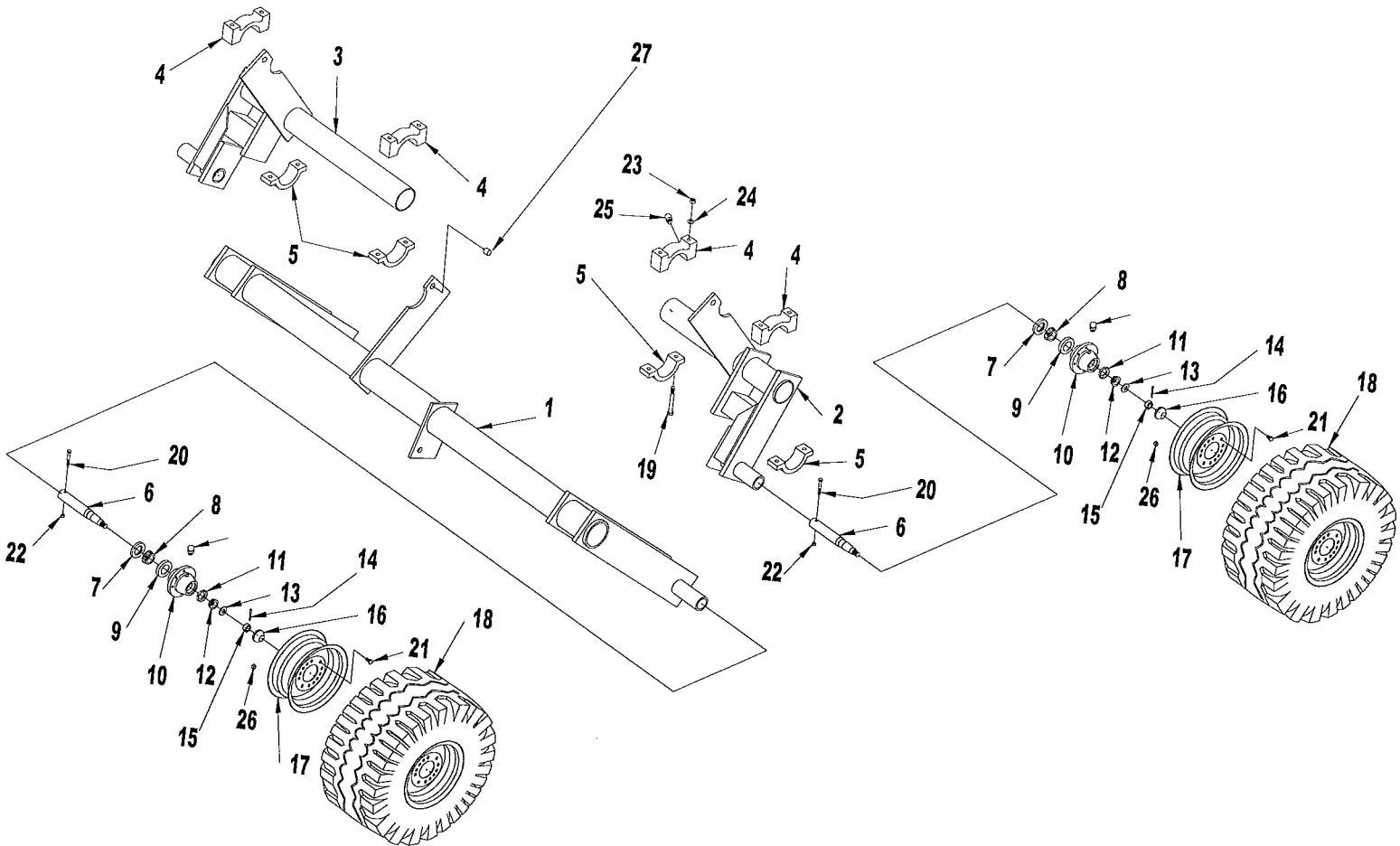


ROCKSHAFT & WHEEL ASSEMBLY - w/MAIN FRAME WALKING BEAMS

REF. NO	PART. NO	DESCRIPTION	QTY. REQ'D	REF. NO	PART. NO	DESCRIPTION	QTY. REQ'D
1	DRA13092	Main Frame Rockshaft	1	29	DR118	Cup - #LM25520	4
2	DRA13093	L.H. Narrow and Wide Wing Rockshaft - 41" (used after Sept/01)	*	30	DRA9	618 Hub c/w Cups	4
	DRA13094	L.H. Wide Wing Rockshaft - 84" (used prior to Sept/01)	*	31	DR92	Cup - #LM48510	4
3	DRA13095	R.H. Narrow and Wide Wing Rockshaft - 41" (used after Sept/01)	*	32	DR91	Cone Bearing - #LM48548	4
	DRA13096	R.H. Wide Wing Rockshaft - 84" (used prior to Sept/01)	*	33	DR123	Hub Cap	4
4	DRA13131	L.H. Walking Beam Main Frame- S/N 46311 and Later	1	34	DR5261	15" (381mm) x 8" (203mm) - 6 Bolt Rim - (requires metal valve stem)	4
5	DRA13130	R.H. Walking Beam Main Frame - S/N 46311 and Later	1	35	---	12.5L x 15 "D" F1 Tire	4
6	DR8601T	Rockshaft Bearing - bottom half	4	36	B075065	3/4" (19mm) x 6-1/2" (165mm) N.C. Hex Bolt	4
7	DR8601B	Rockshaft Bearing - top half	4	37	B050045	1/2" (12.7mm) x 4-1/2" (114.3mm) N.C. Hex Bolt	4
8	DR13004	812 Spindle - 13-3/4" (348mm)	4	38	B050035	1/2" (12.7mm) x 3-1/2" (88.9mm) N.C. Hex Bolt	4
9	DR7156	618 Spindle - 14-1/2" (368mm)	4	39	B050030	1/2" (12.7mm) x 3" (76.2mm) N.C. Hex Bolt	4
10	DR13007	Walking Beam Pivot Bolt - Main Frame	2	40	DR125	9/16" (14.2mm) N.F. x 1-1/8" (28.5mm) Wheel Bolt	56
11	DR13124	Cone Bearing #25877	4	41	BN050L	1/2" (12.7mm) N.C. Nylon Locknut	10
12	DR13125	Bearing Cup #25821	4	42	BN075	3/4" (19mm) N.C. Hex Nut	8
13	DR13008	Sleeve Pivot Pin	2	43	BW075L	3/4" (19mm) Lockwasher	8
14	DR13126	1-1/4" (31.7mm) N.F. Slotted Hex Nut	2	44	10GN1	1/4" (6.35mm) - 28 Straight Grease Fitting	18
15	DR9680	Grease Seal #SE-17	4		10GN3	Grease Fitting - Press in Type	*
16	DR9684	Inner Cone Bearing #3780	4	45	DR13120	1-1/4" (31.8mm) I.D. x 1-1/4" (31.8mm) Long Steel Insert	3
17	DR9682	Inner Cup #3720	4	46	DRA13006	L.H. Walking Beam - For S/N prior to 46311	1
18	DRA9679	Hub c/w cups - 8 bolt	4		DRA13005	R.H. Walking Beam - For S/N prior to 46311	1
19	DR9683	Outer Cup #2720	4	47	DR92	Bearing Cup #48510 - For S/N prior to 46311	4
20	DR9685	Outer Cone Bearing #2790	4	48	C50707	Cone Bearing LM4850LA - For S/N prior to 46311	4
21	BW20010614F	2" (50.8mm) O.D. x 1-1/16" (25.5mm) I.D. x .140" (3.55mm) Flatwasher	4	49	DR13121	Seal - P/N 18823	4
22	BP18125	3/16" (4.76mm) x 1-1/4" (31.7mm) Cotter Pin	4	50	BP31200	5/16" (7.8mm) x 2" (50.8mm) Cotter Pin	2
23	DR110	1" (25.4mm) N.F. Hex Slotted Nut	4	51	DR9671	9/16" (14.2mm) N.F. x 1-11/16" (42.7mm) Wheel Bolt	32
24	OR9681	Hub Cap	4	52	DR9670	9/16" (14.2mm) N.F. Hex Nut	32
25	S81509	15" (381mm) x 10" (254mm) x 8 Bolt Rim	4	53	DR13191	Seal Cup - Spindle Mount Type Seal - (used after 2004)	4
26	---	12.5L x 15 "F" F1 Tire	4	54	DR13190	Seal - Spindle Mount Type - (used after 2004)	4
27	DR122	Grease Seal - (used 2004 and prior)	4	55	C60154	Valve Stem - Metal	8
28	DR120	Cone Bearing - #LM25580	4	56	DR13134	1-7/8" O.D. x 1-3/8" I.D. (47.8 x 35.0mm) x 14 GA Machinery Bushing	*

* As Required

MODEL 4600 DISC



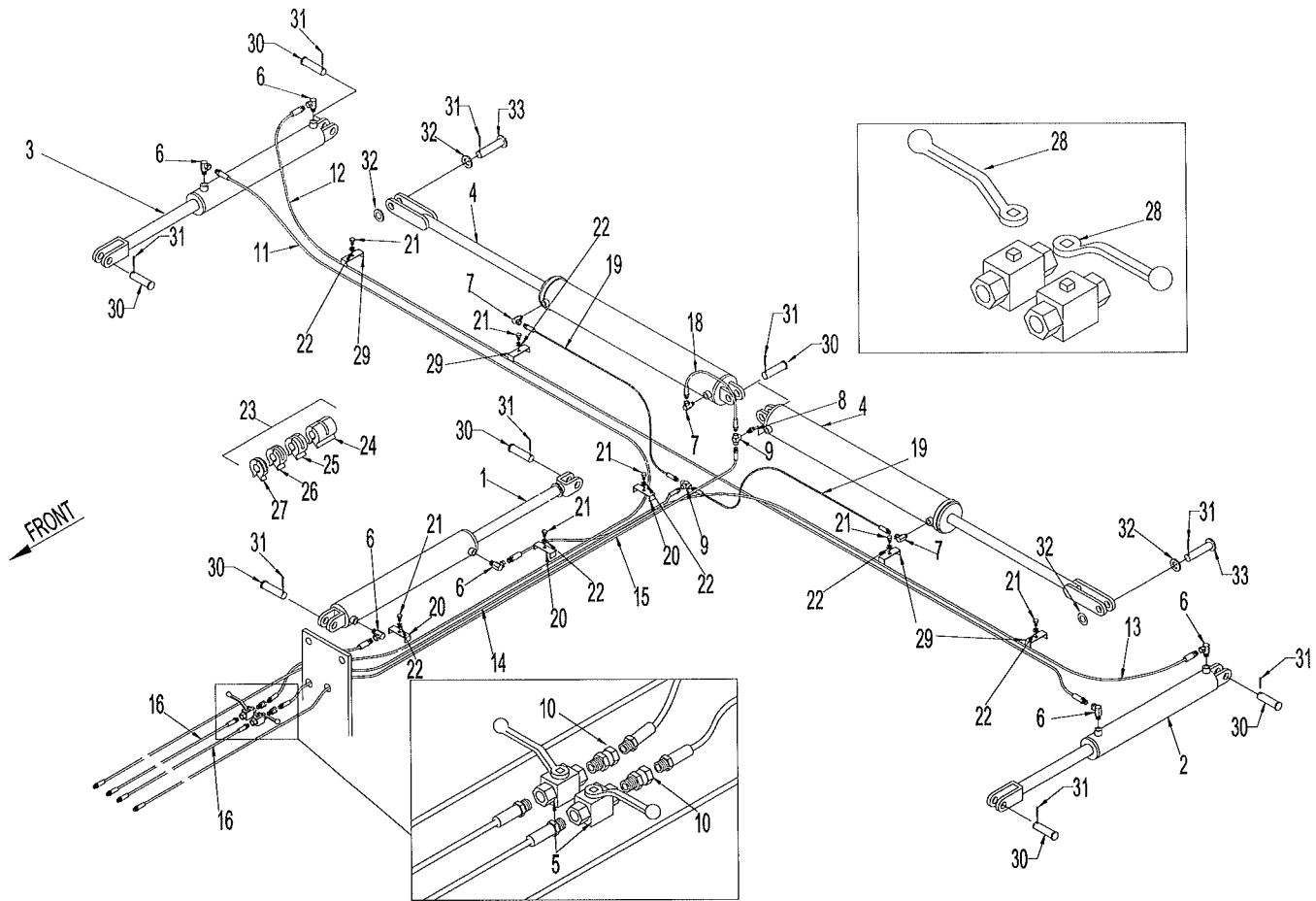
ROCKSHAFT & WHEEL ASSEMBLY (AUSTRALIA ONLY)

REF. NO	PART. NO	DESCRIPTION	QTY. REQ'D
1	DRA13107	Main Frame Rockshaft (Australia Only)	1
2	DRA13108	L.H. Narrow Wing Assembly (Australia Only)	*
	DRA13109	L.H. Wide Wing Assembly (Australia Only)	*
3	DRA13110	R.H. Narrow Wing Assembly (Australia Only)	*
	DRA13111	R.H. Wide Wing Assembly (Australia Only)	*
4	DR8601T	Rockshaft Bearing - bottom half	4
5	DR8601B	Rockshaft Bearing - top half	4
6	A75881	812 Spindle - 18"	6
7	DR9680	Grease Seal #SE-17	6
8	DR9684	Inner Cone Bearing #3780	6
9	DR9682	Inner Cup #3720	6
10	DRA9679	Hub c/w cups - 8 bolt	6
11	DR9683	Outer Cup #2720	6
12	DR9685	Outer Cone Bearing #2790	6

REF. NO	PART. NO	DESCRIPTION	QTY. REQ'D
13	BW20010618F	2" O.D. x 1-1/16" I.D. x 3/16" (50.8mm x 26.9mm x 4.6mm) Flatwasher	6
14	BP18125	3/16" x 1-1/4" (4.6mm x 31.7mm) Cotter Pin	6
15	DR110	1" (25.4mm) N.F. Hex Slotted Nut	6
16	DR9681	Hub Cap	6
17	DR9668	14.00 x 19.5 - 8 Bolt Wheel	6
18	4019195G	40 x 19 x 19.5 Off/Highway Tire	6
19	B075065	3/4" x 6-1/2" N.C. (19.0mm x 165.1mm) Hex Bolt Gr.5	8
20	B050040	1/2" x 4" N.C. (12.7mm x 101.6mm) Hex Bolt	6
21	DR9671	9/16" N.F. x 1-11/16" (14.2mm x 42.7mm) Wheel Bolt	48
22	BN050L	1/2" N.C. (12.7mm) Nylon Locknut	6
23	BN075	3/4" N.C. (19.0mm) Hex Nut	8
24	BN075L	3/4" (19.0mm) Lockwasher	8
25	10GN1	1/4" (6.35mm) - 28 Straight Grease Fitting	8
26	DR9670	9/16" N.F. (14.2mm) Wheel Nut	48
27	DR13120	1-1/4" I.D. x 1-1/4" Long (31.7mm x 31.7mm) Steel Insert	*

* as required

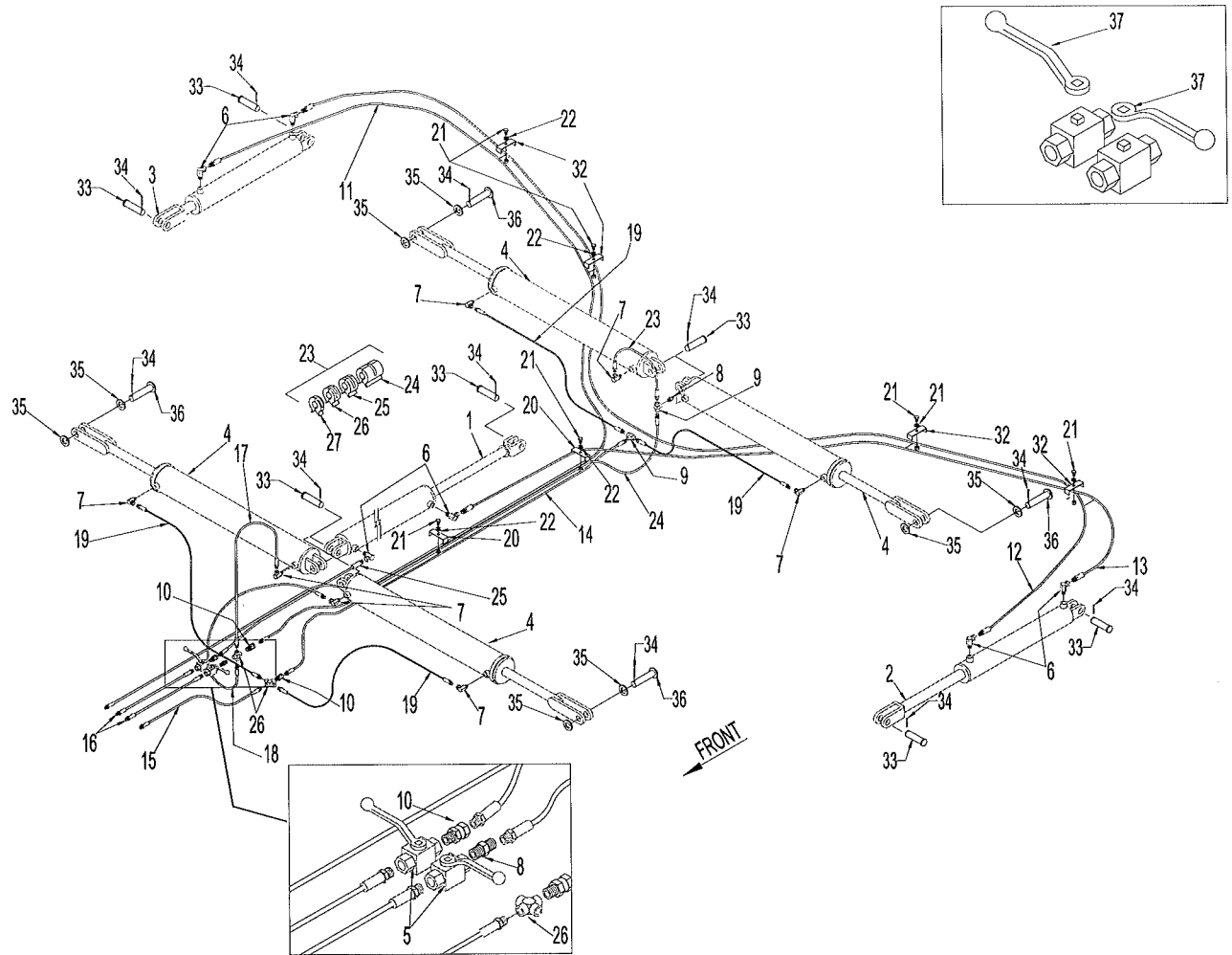
MODEL 4600 DISC



HYDRAULIC ASSEMBLY – NARROW and SUPER NARROW WING

REF. NO	PART. NO	DESCRIPTION	QTY. REQ'D	REF. NO	PART. NO	DESCRIPTION	QTY. REQ'D
1	306	4" x 24" (101.6mm x 610mm) Hydraulic Cylinder	1	15	D4334	3/8" x 287" (9.39mm x 7290mm) Hydraulic Hose c/w 1/2" (12.7mm) Ends	1
2	305	3-1/2" x 24" (88.9mm x 610mm) Hydraulic Cylinder	1	16	D4335	3/8" x 172" (9.39mm x 4369mm) Hydraulic Hose c/w 1/2" and 3/8" (12.7mm and 9.39mm) Ends	2
3	304	3" x 24" (76.2mm x 610mm) Hydraulic Cylinder	1	17	D4336	3/8" x 24" (9.39mm x 610mm) Hydraulic Hose c/w 3/8" (9.39mm) End & 1/2" End	1
4	248	4" x 36" (101.6mm x 914mm) Wing Lift Cylinder - (used on Models 24' to 26-1/2')	2	18	L2939	3/8" x 24" (9.39mm x 610mm) Hydraulic Hose c/w 3/8" (9.39mm) Ends	1
	242	5" x 36" (127mm x 914mm) Wing Lift Cylinder - (used on 28' Models and up)	2	19	P3027	1/4" x 54" (6.35mm x 1372mm) Hydraulic Hose c/w 3/8" (9.39mm) Ends	2
5	DL13099	Hydraulic Lockout Valve		20	DL13186	4 Line Hose Clamp	
6	DL9775	1/2" (12.7mm) x 90 Degree Swivel Street Elbow	2	21	B050075	1/2" x 3/4" (12.7mm x 19mm) N.C. Hex Bolt (Plated)	3
7	DL9769	3/8" (9.39mm) x 90 Degree Swivel Street Elbow	6	22	BW050L	1/2" (12.7mm) Lockwasher (Plated)	7
8	S82371	3/8" (9.39mm) Male-Male Union	3	23	C50716	Wadler Universal Stroke Control Segments (8-3/4" (222mm) package)	7
9	DL9767	3/8" x 3/8" x 3/8" (9.39mm x 9.39mm x 9.39mm) Swivel Tee	1	24	C50717	4-1/4" (108mm) Depth Stop	
10	L1619	3/8" (9.39mm) Male-Female Swivel	2	25	C50714	2" (50.8mm) Depth Stop	2
11	D4330	3/8" x 410" (9.39mm x 10414mm) Hydraulic Hose c/w 1/2" (12.7mm) Ends	2	26	C50712	1-1/2" (38.1mm) Depth Stop	2
			1	27	C50711	1" (25.4mm) Depth Stop	2
12	D4331	3/8" x 288" (9.39mm x 7315mm) Hydraulic Hose c/w 1/2" (12.7mm) Ends	1	28	DL13122	Handle Only - Hyd. Valve Lockout Valve - HBVH040608	2
13	P4332	3/8" x 207" (9.39mm x 5258mm) Hydraulic Hose c/w 1/2" (12.7mm) Ends	1	29	DL9766	2 Line Hose Clamp - 1/2" (12.7mm) Hose	2
14	D4333	3/8" x 100" (9.39mm x 2540mm) Hydraulic Hose c/w 1/2" (12.7mm) Ends	1	30	DR5262	1-1/4" dia. x 4-3/16" (31.7mm x 106.4mm) Clevis Pin	4
				31	BP31175	5/16" x 2" (7.87mm x 50.8mm) Cotter Pin	8
				32	DF5068	2" O.D. x 1-5/16" I.D. x 1/4" (50.8mm x 33.3mm x 6.35mm) Flatwasher	10
							4
				33	S81856	1-1/4" Dia. X 5-13/16" (31.7mm x 147.6mm) long (under head to centre of hole) Cylinder Pin	2

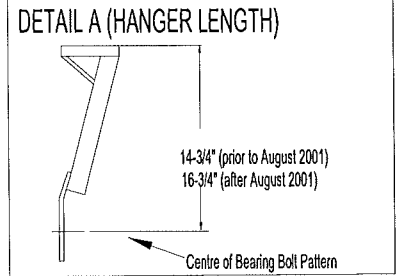
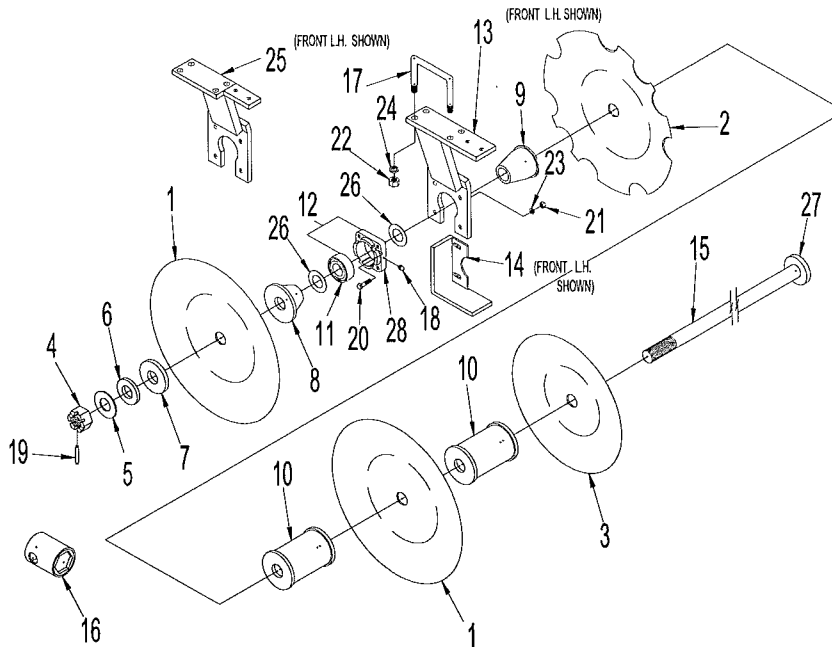
MODEL 4600 DISC



HYDRAULIC ASSEMBLY – WIDE WING

REF. NO	PART. NO	DESCRIPTION	QTY. REQ'D	REF. NO	PART. NO	DESCRIPTION	QTY. REQ'D
1	306	4" x 24" (101 x 610mm) Hydraulic Cylinder	1	19	D3027	1/4" x 54" (6.35 x 1372mm) Hydraulic Hose w/3/8" (9.39mm) Ends	1
2	305	3-1/2" x 24" (89 x 610mm) Hydraulic Cylinder	1	20	DL13186	4 Line Hose Clamp	2
3	304	3" x 24" (76 x 610mm) Hydraulic Cylinder	1	21	B050075	1/2" x 3/4" (12.7 x 19mm) N.C. Hex Bolt (Plated)	6
4	242	5" x 36" (127 x 914mm) Wing Lift Cylinder	4	22	BW050L	1/2" (12.7mm) Lockwasher (Plated)	6
5	DL13099	Hydraulic Lockout Valve	2	23	L2939	3/8" x 24" (9.39 x 610mm) Hydraulic Hose c/w 3/8" (9.39mm) Ends	1
6	DL9775	1/2" (12.7mm) x 90 Degree Swivel Street Elbow	6	24	D4344	3/8" x 110" (9.39 x 2794mm) Hydraulic Hose c/w 3/8" (9.39mm) Ends	1
7	DL9769	3/8" (9.39mm) x 90 Degree Swivel Street Elbow	7	25	D4336	3/8" x 24" (9.39 x 610mm) Hydraulic Hose c/w 3/8" (9.39mm) Ends	1
8	S82371	3/8" (9.39mm) Male-Male Union	2	26	DL9761	3/8" (9.39mm) Steel Cross	2
9	DL9767	3/8" x 3/8" x 3/8" (9.39 x 9.39 x 9.39mm) Swivel Tee	2	27	DR13127	Wadler Universal Stroke Control Segments -- 8-3/4" (222mm) package	2
10	L1619	3/8" (9.39mm) Male-Female Swivel	3	28	C50717	4-1/4" (108mm) Depth Stop	2
11	D4338	3/8" x 489" (9.39 x 12421mm) Hydraulic Hose c/w 1/2" (12.7mm) Ends	1	29	C50714	2" (50.8mm) Depth Stop	2
12	D4339	3/8" x 402" (9.39 x 10211mm) Hydraulic Hose c/w 1/2" (12.7mm) Ends	1	30	C50712	1-1/2" (38.1mm) Depth Stop	2
13	D4340	3/8" x 253" (9.39 x 6426mm) Hydraulic Hose c/w 1/2" (12.7mm) Ends	1	31	C50711	1" (25.4mm) Depth Stop	2
14	D4333	3/8" x 100" (9.39 x 2540mm) Hydraulic Hose c/w 1/2" (12.7mm) Ends	1	32	DL9766	2" Line Hose Clamp	4
15	D4341	3/8" x 178" (9.39 x 4521mm) Hydraulic Hose c/w 1/2" and 3/8" (12.7 and 9.39mm) Ends	1	33	DR5262	1-1/4" Dia. X 4-3/16" (31.7 x 106.4mm) Clevis Pin	10
16	D4335	3/8" x 172" (9.39 x 43691mm) Hydraulic Hose c/w 1/2" and 3/8" (12.7 and 9.39mm) Ends	2	34	BP31175	5/16" x 2" (7.87 x 50.8mm) Cotter Pin	14
17	D4342	3/8" x 20" (9.39 x 50821mm) Hydraulic Hose c/w 1/2" and 3/8" (12.7 and 9.39mm) Ends	1	35	DF5068	2" O.D. x 1-5/16" I.D. x 1/4" (50.8 x 33.3 x 6.35mm)	8
18	L2937	3/8" x 30" (9.39 x 762mm) Hydraulic Hose c/w 3/8" (9.39mm) Ends	4	36	S81856	1-1/4" Dia. X 5-13/16" (31.7 x 147.6mm) Long -- under head to centre of hole - Cylinder Pin	4
				37		Handle Only -- Hyd. Lock out valve -- HBVH040608	2

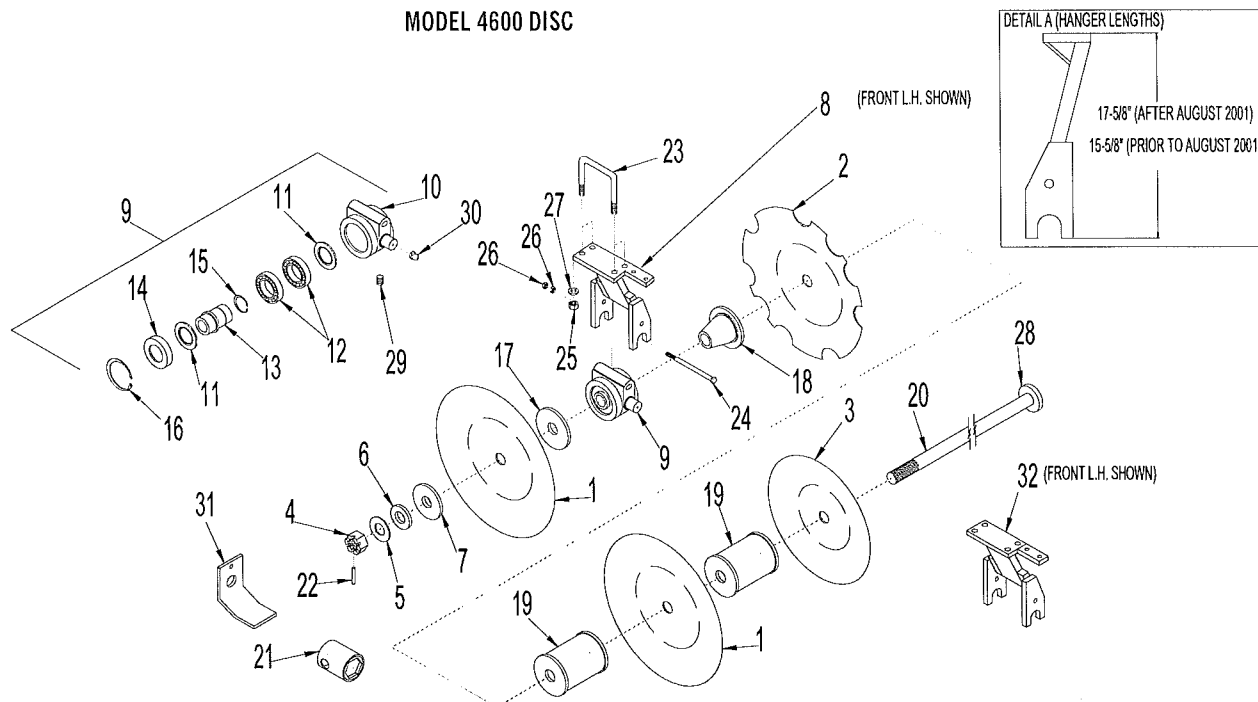
MODEL 4600 DISC



DISC GANG (with STANDARD HANGERS for EZ410N BEARING) – 9" & 10-1/2" (230 & 267mm) SPACING
(used on earlier Models Only)

REF. NO	PART. NO	DESCRIPTION	QTY. REQ'D	REF. NO	PART. NO	DESCRIPTION	QTY. REQ'D
1	---	Refer to Ref. No 1 on Page 64 for Plain Blades	*	15		GANG BOLT c/w END PLATE Ref. #27 – (unwelded) FOR 9" (230mm) SPACING continued	
2	---	Refer to Ref. No 2 on Page 64 for Notched Blades	*		DGA70	10 Blade Gang Bolt – 89-1/2" (2273mm) Long	*
3	---	Refer to Ref. No 3 on Page 64 for Outrigger Blades	*		DGA71	11 Blade Gang Bolt – 98-3/4" (2508mm) Long	*
4	DG82	2" (50.8mm) N.C. Heavy Hex Slotted Nut	2		DGA72	12 Blade Gang Bolt – 108" (2743mm) Long	*
5	DG89	1/4" (6.35mm) Shim Washer	*		DGA74	14 Blade Gang Bolt – 127-1/2" (3239mm) Long	*
6	DG88	1/2" (12.7mm) Shim Washer	*		DGA129	15 Blade Gang Bolt – 135-3/4" (3448mm) Long	*
7	DG78	5-1/2" O.D. x 2" I.D. x 5/8" (138 x 50.8 x 15.7mm) Head Washer – used prior to 2004	2			GANG BOLT c/w END PLATE Ref. #27 – (unwelded) FOR 10-1/2" (267mm) SPACING	
	DG13185	5-1/2" O.D. x 2" I.D. x 3/4" (138 x 50.8 x 19mm) Head Washer – used w/24" blades – used 2003 and later	*		DGA109	4 Blade Gang Bolt – 38" (965mm) Long	*
	DG13184	6" O.D. x 2" I.D. x 1" (152 x 50.8 x 25.4mm) Head Washer – used w/26" & 28" blades – used 2003 and later	*		DGA76	6 Blade Gang Bolt – 60" (1524mm) Long	*
8	DGA106	9" & 10-1/2" (230 & 267mm) Spacing Short Half Spool for EZ410N Brg. – 3-1/4" (82.6mm) Long – Convex Side w/6" (152mm) Washer	*		DGA77	7 Blade Gang Bolt – 70-1/2" (1791mm) Long	*
9	DGA103	9" (230mm) Spacing Long Half Spool for EZ410N Brg. – 4-3/16" (106mm) Long – Convex Side	*		DGA78	8 Blade Gang Bolt – 81-1/4" (2064mm) Long	*
	DGA105	10-1/2" (267mm) Spacing Long Half Spool for EZ410N Brg. – 5-11/16" (144mm) Long – Convex Side	*		DGA79	9 Blade Gang Bolt – 92" (2337mm) Long	*
10	DGA100	9" (230mm) Spacing Spool – 6" (152mm) Dia. both ends	*		DGA80	10 Blade Gang Bolt – 103" (2616mm) Long	*
	DGA101	10-1/2" (267mm) Spacing Spool – 6" (152mm) Dia both ends	*		DGA81	11 Blade Gang Bolt – 113-3/4" (2889mm) Long	*
11	DG5364	EZ410N Greaseable Bearing – 1-9/16" (39.6mm) wide	*		DGA82	12 Blade Gang Bolt – 124-3/4" (3169mm) Long	*
12	DGB5363	Bearing c/w Housing and Grease Fitting – 1-9/16" (39.6mm) Bearing Width	*		DGA83	13 Blade Gang Bolt – 135-1/2" (3442mm) Long	*
13	DGA5318	Straight Bearing Hanger – Frt. L.H. & Rear R.H. – EZ410N Bearing – 14-3/4" Top to centre of Brg.	*	16	DGA35	Socket Wrench	1
	DGA5319	Straight Bearing Hanger – Frt. L.H. & Rear R.H. – EZ410N Bearing – 14-3/4" Top to centre of Brg.	*	17	DG5379	7/8" x 6" x 5 -7/8" (22 x 152 x 149mm) Long U-Bolt	*
	DGA13150	Straight Bearing Hanger – Frt. L.H. & Rear R.H. – EZ410N Bearing – 16-3/4" Top to centre of Brg	*	18	10GN1	1/4" (6.35mm) – 28 Grease Fitting	2
	DGA13151	Straight Bearing Hanger – Frt. L.H. & Rear R.H. – EZ410N Bearing – 16-3/4" Top to centre of Brg	*	19	DG10310	7/16" x 3" (10.9 x 76.2mm) Lock Pin	*
14	DGA40	Front L.H. & Rear R.H. Bearing Guard – EZ410N Bearing	*	20	BO62022	5/8" x 2-1/4" N.C. (15.7 x 57.2mm) Hex Bolt – Gr. 5 (plated)	*
	DGA39	Rear R.H. & Front L.H. Bearing Guard – EZ410N Bearing	*		BO62028	5/8" x 2-1/2" N.C. (15.7 x 57.2mm) Hex Bolt – Gr. 5 (plated) used with bearing guard	*
15		GANG BOLT c/w END PLATE Ref #27 – (unwelded) FOR 9" (230mm) SPACING		21	BN062	5/8" (15.7mm) N.C. Hex Nut	*
	DGA127	4 Blade Gang Bolt – 33-1/2" (851mm) Long	*	22	BN087	7/8" (22.2mm) N.C. Hex Nut	*
	DGA67	7 Blade Gang Bolt – 61-3/4" (1568mm) Long	*	23	BW062L	5/8" (15.7mm) Lockwasher	*
	DGA68	8 Blade Gang Bolt – 71" (1803mm) Long	*	24	BW088L	7/8" (22.2mm) Lockwasher	*
	DGA69	9 Blade Gang Bolt – 80" (2032mm) Long	*	25	DGA5322	2" (50.8mm) Offset Hanger – Frt. R.H. & Rear L.H. – EZ410N Bearing – 14-3/4" Top to centre of Brg.	*
					DGA53232	2" (50.8mm) Offset Hanger – Frt. R.H. & Rear L.H. – EZ410N Bearing – 14-3/4" Top to centre of Brg	*
					DGA13152	2" (50.8mm) Offset Hanger – Frt. R.H. & Rear L.H. – EZ410N Bearing – 16-3/4" Top to centre of Brg	*
					DGA13153	2" (50.8mm) Offset Hanger – Frt. R.H. & Rear L.H. – EZ410N Bearing – 16-3/4" Top to centre of Brg	*
				26	DG237	4-1/2" O.D. x 2" I.D. x 1/16" (114 x 50.8 x 1.6mm) Bearing Shield – EZ410N Bearing	*
				27	DGA5370	5" (127mm) End Plate – Weld – On	*
				28	DG96	Housing – EZ410N Bearing	*

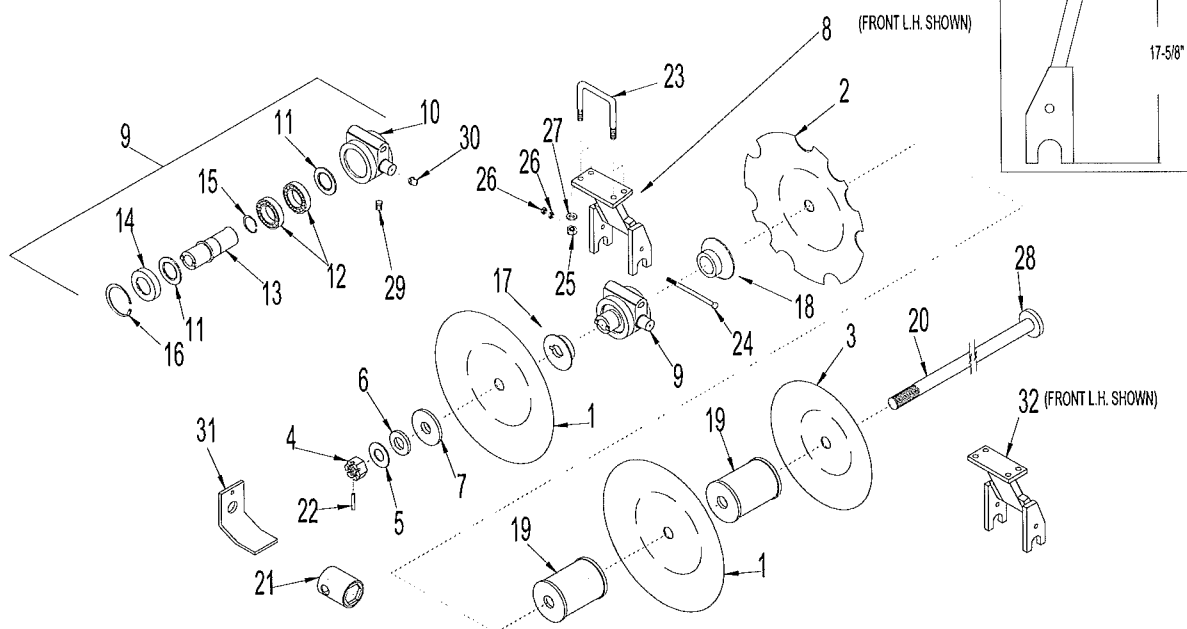
MODEL 4600 DISC



DISC GANG (with STANDARD HANGERS FOR T2-215 BEARINGS) – 9", 10-1/2" & 12" (230, 267 & 305mm) SPACING
(used with Hanger Mounted Scraper Bars – used prior to S/N 51463)

REF. NO	PART. NO	DESCRIPTION	QTY. REQ'D	REF. NO	PART. NO	DESCRIPTION	QTY. REQ'D
1	DG76 DG137 DG74 DG107 DG157 DG130 DG180	24" (610mm) x 9/32" (7mm) Plain Blade 24" (610mm) x 5/16" (8mm) Plain Blade 26" (660mm) x 5/16" (8mm) Plain Blade 26" (660mm) x 3/8" (9mm) Plain Blade 26" (660mm) x 5/16" (8mm) Plain Cone Blade 28" (711.2mm) x 3/8" (9mm) Plain Blade 30" (762mm) x 3/8" (9mm) Plain Blade	* * * * * * *	20		Refer to Ref. No 15 on page 62 for Gang Bolts for 9" and 10-1/2" (230 & 267mm) Spacing GANG BOLT c/w END PLATE Ref #28 – (unwelded) FOR 12" (305mm) SPACING 4 Blade Gang Bolt - 43-1/4" (1099mm) Long 6 Blade Gang Bolt - 67-3/4" (1721mm) Long 7 Blade Gang Bolt - 80" (2032mm) Long 8 Blade Gang Bolt - 92" (2337mm) Long 9 Blade Gang Bolt - 104-3/4" (2661mm) Long 10 Blade Gang Bolt - 117" (2972mm) Long 11 Blade Gang Bolt - 129" (3277mm) Long 12 Blade Gang Bolt - 141-3/4" (3600mm) Long 13 Blade Gang Bolt - 153-3/4" (3905mm) Long	* * * * * * * * *
2	DG138 DG75 DG87 DG159 DG20051 DG181	24" (610mm) x 5/16" (8mm) Notched Blade 26" (660mm) x 5/16" (8mm) Notched Blade 26" (660mm) x 3/8" (9mm) Notched Blade 26" (660mm) x 9mm (.354) Notched Cone Blade 28" (711.2mm) x 3/8" (9mm) Notched Blade 30" (762mm) x 3/8" (9mm) Notched Blade	* * * * * *	21	DGA35	Socket Wrench	*
3	DG149 DG64 DG76	20" (508mm) x 6mm (.236") Plain Outrigger Blade 22" (559mm) x 6mm (.236") Plain Outrigger Blade 24" (610mm) x 7mm (.275") Plain Outrigger Blade	* * *	22	DG10310	7/16" (10.9mm) x 3" (76.2mm) Lock Pin	*
4	DG82	2" (50.8mm) UNC Heavy Hex Slotted Nut	*	23	DG5379	7/8" (22.2mm) x 6" (152mm) x 5-7/8" (149mm) Long U-Bolt	*
5	DG89	1/4" (6.35mm) Shim Washer	*	24	B062100	5/8" (15.7mm) x 10" (254mm) N.C. Hex Bolt Gr.5 (Plated)- Used on machines less bearing	*
6	DG88	1/2" (12.7mm) Shim Washer	*		B062110	5/8" (15.7mm) x 11" (279.4mm) N.C. hex bolt Gr. 5 (Plated)- Used on machines equipped w/bearing	*
7	DG78	5-1/2" (138mm) O.D. x 2" (50.8mm) I.D. Head Washer - used prior to 2003	*	25	BN087	7/8" (22.2mm) N.C. Hex Nut	*
	DG13185	5-1/2" (138mm) O.D. x 2" (50.8mm) I.D. x 3/4" (19.0mm) Head Washer (used w/24" blades) - used 2003 and later	*	26	BN062	5/8" (15.7mm) N.C. Hex Nut	*
	DG13184	6" (152mm) O.D. x 2" (50.8mm) I.D. x 1" (25.4mm) Head Washer (used w/26" & 28" blades) - used 2003 and later	*	27	BW087L	7/8" (22.2mm) Lockwasher	*
8	DGA10566	Front R.H. & Rear L.H. Trunion Mounted Bearing Hanger - Models prior to Aug 2001 (See Detail A above for lengths)	*	28	DGA5370	5-1/2" (139.7mm) End Plate - Weld On	*
	DGA10567	Front L.H. & Rear R.H. Trunion Mounted Bearing Hanger - Models prior to Aug 2001 (See Detail A above for lengths)	*	29	DG9912	Set Screw - 1/4" (6.35mm) N.C. x 1/2" (12.7mm) Long	*
	DGA13155	Front R.H. & Rear L.H. Trunion Mounted Bearing Hanger - Models after Aug 2001 (See Detail A above for lengths)	*	30	10GN1	1/4" (6.35mm) - 28 Straight Grease Fitting	*
	DGA13154	Front L.H. & Rear R.H. Trunion Mounted Bearing Hanger - Models after Aug 2001 (See Detail A above for lengths)	*	31	DG10590	Bearing Guard - T2-215 Bearing	*
9	DG9900	Housing c/w Bearings, Seals, Sleeve, Snap Ring, & Cap (T2-215 Series)	*	32	DGA10568	2" (50.8mm) Offset Trunion Mounted Bearing Hanger (Front R.H. & Rear L.H.) - Models prior to Aug 2001 (See Detail A above for lengths)	*
10	DG9901	Housing Only (T2-215 Series)	*		DGA10569	2" (50.8mm) Offset Trunion Mounted Bearing Hanger (Front L.H. & Rear R.H.) - Models prior to Aug 2001 (See Detail A above for lengths)	*
11	DG9905	Bearing Seal (National #200322)	*		DGA13157	2" (50.8mm) Offset Trunion Mounted Bearing Hanger (Front R.H. & Rear L.H.) - Models after Aug 2001 (See Detail A above for lengths)	*
12	DG9904	# 6215 Ball Bearing (Modified)	*		DGA13156	2" (50.8mm) Offset Trunion Mounted Bearing Hanger (Front L.H. & Rear R.H.) - Models after Aug 2001 (See Detail A above for lengths)	*
13	DG9906	5" (127mm) Sleeve	*		DGA13158	3-1/2" (88.9mm) Offset Trunion Mounted Bearing Hanger (Front R.H. & Rear L.H.) - Models after Aug. 2001 (See Detail A above for lengths)	*
14	DG9902	Bearing Housing Cap	*		DGA13159	3-1/2" (88.9mm) Offset Trunion Mounted Bearing Hanger (Front L.H. & Rear R.H.) - Models after Aug. 2001 (See Detail A above for lengths)	*
15	DG9911	External Snap Ring (Philip French #D1400-75)	*				
16	DG9910	Internal Snap Ring (Philip French #D1300-130)	*				
17	DGA10563	9" & 10-1/2" (230 & 267mm) Spacing, Short Half, 1-3/8" (34.9mm) Long (Convex Side) w/6" (152mm) Washer Spool	*				
	DGA10572	12" (305mm) Spacing, Short Half, 2-7/8" (73mm) Long (Convex Side) w/6" (152mm) Washer Spool	*				
18	DGA10571	9" (230mm) Spacing, Long Half, 2-11/16" (68mm) Long (Concave Side)	*				
	DGA103	10-1/2" (267mm) & 12" (305mm) Spacing, Long Half, 4-3/16" (106mm) Long (Concave Side)	*				
19	DGA100	9" (230mm) Spacing, Full Spool w/6" (152mm) Dia. Washer on Both Ends, Spool	*				
	DGA101	10-1/2" (267mm) Spacing, Full Spool w/6" (152mm) Dia. Washer on Both Ends, Spool	*				
	DGA111	12" (305mm) Spacing, Full Spool w/6" (152mm) Dia. Washer on Both Ends, Spool	*				

MODEL 4600 DISC



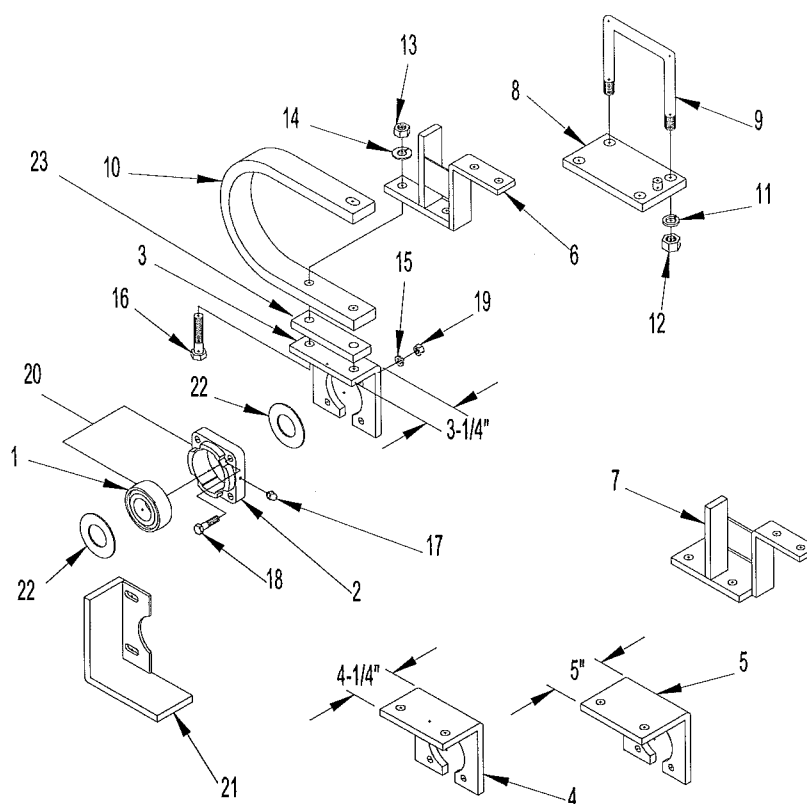
DISC GANG (with STANDARD HANGERS FOR T2-215 BEARINGS) – 9", 10-1/2" & 12" (230, 267 & 305mm) SPACING
(Independently Mounted Scraper Bar – used after to S/N 51462)

REF. NO	PART. NO	DESCRIPTION	QTY. REQ'D	REF. NO	PART. NO	DESCRIPTION	QTY. REQ'D
1	---	Refer to Ref. No. 1 on Page 64 for Plain Blades		20		Refer to Ref. No. 15 on page 62 for Gang Bolts for 9" and 10" (230 & 267mm) Spacing	
2	---	Refer to Ref. No. 2 on Page 64 for Notched Blades				GANG BOLT c/w END PLATE Ref #28 – (unwelded) FOR 12" (305mm) SPACING	
3	---	Refer to Ref. No. 3 on Page 64 for Outtrigger Blades			DGA114	4 Blade Gang Bolt - 43-1/4" (1099mm) Long	*
4	DG82	2" (50.8mm) UNC Heavy Hex Slotted Nut	*		DGA115	6 Blade Gang Bolt - 67-3/4" (1721mm) Long	*
5	DG89	1/4" (6.35mm) Shim Washer	*		DGA69	7 Blade Gang Bolt - 80" (2032mm) Long	*
6	DG88	1/2" (12.7mm) Shim Washer	*		DGA79	8 Blade Gang Bolt - 92" (2337mm) Long	*
7	DG78	5-1/2" (138mm) O.D. x 2" (50.8mm) I.D. Head Washer - used prior to 2003	*		DGA118	9 Blade Gang Bolt - 104-3/4" (2661mm) Long	*
	DG13185	5-1/2" (138mm) O.D. x 2" (50.8mm) I.D. x 3/4" (19.0mm) Head Washer - (used w/24" blades) - used 2003 and later	*		DGA119	10 Blade Gang Bolt - 117" (2972mm) Long	*
	DG13184	6" (152mm) O.D. x 2" (50.8mm) I.D. x 1" (25.4mm) Head Washer - (used w/26" & 28" blades) - used 2003 and later	*		DGA120	11 Blade Gang Bolt - 129" (3277mm) Long	*
8	DGA13162	Std. Trunion Mounted Bearing Hanger - (See Detail A above for length) - (w/o scraper tail)	*		DGA121	12 Blade Gang Bolt - 141-3/4" (3600mm) Long	*
9	DG9900	Housing c/w Bearings, Seals, Sleeve, Snap Rings, & Cap (T2-215 Series)	*		DGA122	13 Blade Gang Bolt - 153-3/4" (3905mm) Long	*
10	DG9901	Housing Only (T2-215 Series)	*	21	DGA35	Socket Wrench	*
11	DG9905	Bearing Seal (National #200322)	*	22	DG10310	7/16" (10.9mm) x 3" (76.2mm) Lock Pin	*
12	DG9904	#6215 Ball Bearing (Modified)	*	23	DG5379	7/8" (22.2mm) x 6" (152mm) x 5-7/8" (149mm) Long U-Bolt (Plated)	*
13	DG9906	5" (127mm) Sleeve	*	24	BO62100	5/8" (15.7mm) x 10" (254mm) N.C. Hex Bolt Gr.5 (Plated) - Used on machines less bearing guard	*
14	DG9902	Bearing Housing Cap	*		BO62110	5/8" (15.7mm) x 11" (279.4mm) N.C. hex bolt Gr. 5 (Plated) - Used on machines equipped w/bearing guard	*
15	DG9911	External Snap Ring (Philip French #D1400-75)	*	25	BN087	7/8" (22.2mm) N.C. Hex Nut (Plated)	*
16	DG9910	Internal Snap Ring (Philip French #D1300-130)	*	26	BN062	5/8" (15.7mm) N.C. Hex Nut (Plated)	*
17	DGA10563	9" & 10-1/2" (230 & 267mm) Spacing, Short Half, 1-3/8" (34.9mm) Long (Convex Side) w/6" (152mm) Washer Spool +	*	27	BW087L	7/8" (22.2mm) Lockwasher (Plated)	*
	DGA10572	12" (305mm) Spacing, Short Half, 2-7/8" (73mm) Long (Convex Side) w/6" (152mm) Washer Spool	*	28	DGA5370	5-1/2" (139.7mm) End Plate - Weld On	*
18	DGA10571	9" (230mm) Spacing, Long Half, 2-11/16" (68mm) Long (Concave Side)	*	29	DG9912	Set Screw - 1/4" (6.35mm) N.C. x 1/2" (12.7mm) Long	*
	DGA103	10-1/2" (267mm) & 12" (305mm) Spacing, Long Half, 4-3/16" (106mm) Long (Concave Side)	*	30	10GN1	1/4" (6.35mm) - 28 Straight Grease Fitting	*
	DGA131	12" (305mm) Spacing Long Half, 5-1/4" (133mm) Long (Concave Side) +	*	31	DG10590	Bearing Guard - T2-215 Bearing	*
19	DGA100	9" (230mm) Spacing, Full Spool w/6" (152mm) Dia. Washer on Both Ends, Spool	*	32	DGA13163	2" (50.8mm) Offset Trunion Mounted Bearing Hanger - (See Detail A above for length) - (w/o scraper tail)	*
	DGA101	10-1/2" (267mm) Spacing, Full Spool w/6" (152mm) Dia. Washer on Both Ends, Spool	*		DGA13164	3-1/2" (88.9mm) Offset Trunion Mounted Bearing Hanger - (See Detail A above for length) - (w/o scraper tail)	*
	DGA111	12" (305mm) Spacing, Full Spool w/6" (152mm) Dia. Washer on Both Ends, Spool	*				

+ When ordering 12" (305mm) Spacing 1/2 Spools, Measure Length to Determine Correct Spool.

* as required

MODEL 4600 DISC

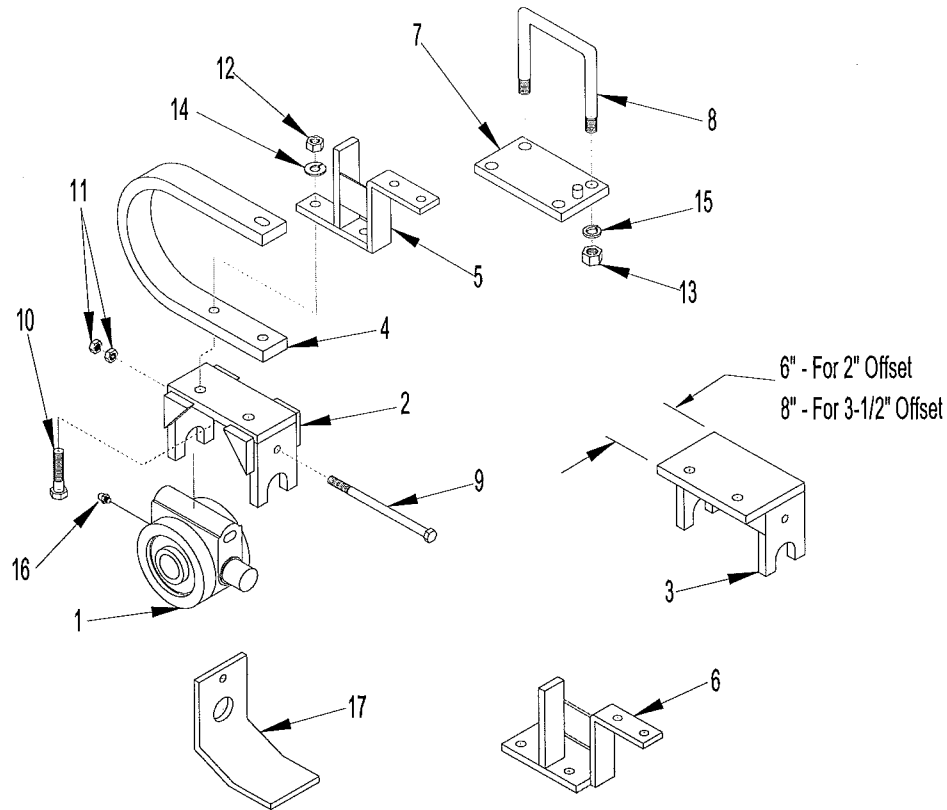


STONE FLEX HANGER FOR EZ410N BEARINGS (OPTIONAL)
(used on Earlier Models Only)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DG5364	EZ410N Series Greaseable Bearing (1-9/16" (39.6mm) Wide)	*
2	DG96	Housing - EZ410N Bearing	*
3	DG5324	Standard Mounting Bracket For EZ410N Bearing	*
4	DGA5376	1-1/2" (38.1mm) Offset Mounting Bracket - EZ410N Bearing- Used w/26" (660mm) Cone Blades	*
5	DGA5341	2" (50.8mm) Offset Mounting Bracket - EZ410N Bearing- Used w/26" (660mm) Cone Blades	*
6	DGA5361	Scraper Bar Support - Standard Mounting Bracket - Front R.H. & Rear L.H.	*
	DGA5362	Scraper Bar Support - Standard Mounting Bracket - Front L.H. & Rear R.H.	*
7	DGA5336	Scraper Bar Support Bracket - For 2" (50.8mm) Offset Mounting Bracket - Frt. L.H. & Rear R.H.	*
	DGA5337	Scraper Bar Support Bracket - For 2" (50.8mm) Offset Mounting Bracket - Frt. R.H. & Rear L.H.	*
8	DGA5328	Backing Plate - Hanger Mounted Scraper Only	*
9	DG5378	7/8" (22.2mm) x 6" (152.4mm) x 7-1/8" (181mm) Long U-bolt	*
10	DG5313	1-1/4" (31.7mm) x 2-1/2" (63.5mm) Spring Shank	*
11	BW087L	7/8" (22.2mm) Lockwasher	*
12	BN087	7/8" (22.2mm) N.C. Hex. Nut	*
13	BN075	3/4" (19mm) N.C. Hex. Nut	*
14	BW075L	3/4" (19mm) Lockwasher	*
15	BW0621	5/8" (15.7mm) Lockwasher	*
16	BO75035	3/4" (19mm) x 3-1/2" (88.9mm) N.C. Hex. Bolt (Plated) - Used when spacer, Item 23, is NOT supplied	*
	BO75045	3/4" (19.1mm) x 4-1/2" (114.3mm) N.C. Hex Bolt (Plated) - Used when spacer, Item 25 is supplied	*
17	10GN1	1/4" (6.35mm) - 28 Straight Grease Fitting	*
18	BO62022	5/8" (15.7mm) x 2-1/4" (57.2mm) N.C. Hex. Bolt (Plated)	*
	BO62025	5/8" (15.7mm) x 2-1/2" (63.5mm) N.C. Hex. Bolt (Plated) - used with bearing guard	*
19	BN062	5/8" (15.7mm) N.C. Hex. Nut (Plated)	*
20	DGB5363	EZ410N Bearing c/w Housing and Grease Fitting (1-9/16" (39.6mm) Bearing Width)	*
21	DGA40	Front Bearing Guard - EZ410N Bearing	*
	DGA39	Rear Bearing Guard - EZ410N Bearing	*
22	DG237	4-1/2" (114mm) O.D. x 2" (50.8mm) I.D. x 1/16" (1.59mm) Bearing Shield EZ410N Bearing	*
23	DG5332	Spacer Plate - 3/4" x 2" x 7" (19.1mm x 50.8mm x 177.8mm) - Used with 26" (660.4mm) blades on 9" (228.6mm) Spacing and 26" (660.4mm) cone blades on 10-1/2" (266.7mm) Spacing	*

* as required

MODEL 4600 DISC

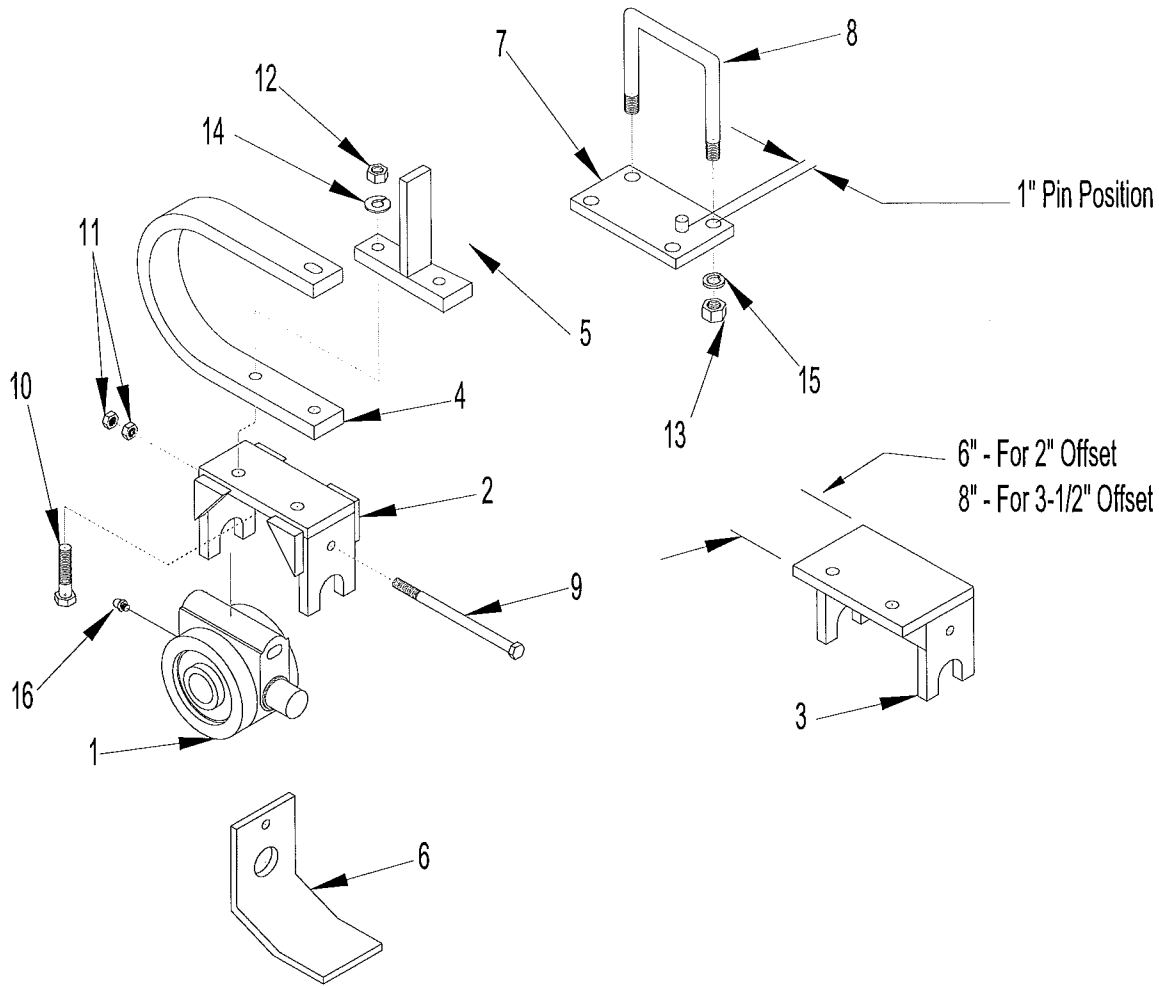


STONE FLEX HANGER FOR EZ410N BEARINGS (OPTIONAL) (used on Earlier Models Only)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DGB9900	T2-215 Bearing Assembly (See Page 65 for T2-215 Bearing Breakdown)	*
2	DGA10570	Standard Mounting Bracket	*
3	DGA10575	2" (50.8mm) Offset Mounting Bracket	*
	DCA10576	3-1/2" (88.9mm) Offset Mounting Bracket	*
4	DG5313	1-1/4" (31.8mm) x 2-1/2" (63.5mm) Spring Shank	*
5	DGA5361	Scraper Bar Support Bracket - Standard Mounting Bracket - Front R.H. & Rear L.H.	*
	DGA5362	Scraper Bar Support Bracket - Standard Mounting Bracket - Front L.H. & Rear R.H.	*
6	DGA5336	Scraper Bar Support Bracket - For 2" (50.8mm) Offset Mounting Bracket - Frt. L.H. & Rear R.H.	*
	DGA5337	Scraper Bar Support Bracket - For 2" (50.8mm) Offset Mounting Bracket - Frt. R.H. & Rear L.H.	*
7	DGA5328	Backing Plate - Hanger Mounted Scraper Only	*
8	DG5378	7/8" (22.2mm) x 7" (178mm) x 7-1/8" (181mm) Long U-bolt	*
9	BO62100	5/8" (15.7mm) x 10" (254mm) N.C. Hex. Bolt- GR.5	*
10	BO75035	3/4" (19mm) x 3-1/2" (88.9mm) N.C. Hex. Bolt- GR.5	*
11	BN062	5/8" (15.7mm) N.C. Hex. Nut	*
12	BN075	3/4" (19mm) N.C. Hex. Nut	*
13	BN087	7/8" (22.2mm) N.C. Hex. Nut	*
14	BW075L	3/4" (19mm) Lockwasher	*
15	BW087L	7/8" (22.2mm) Lockwasher	*
16	10GN1	1/4" (6.35mm) - 28 Straight Grease Fitting	*
17	DG10590	Bearing Guard - T2-215 Bearing	*

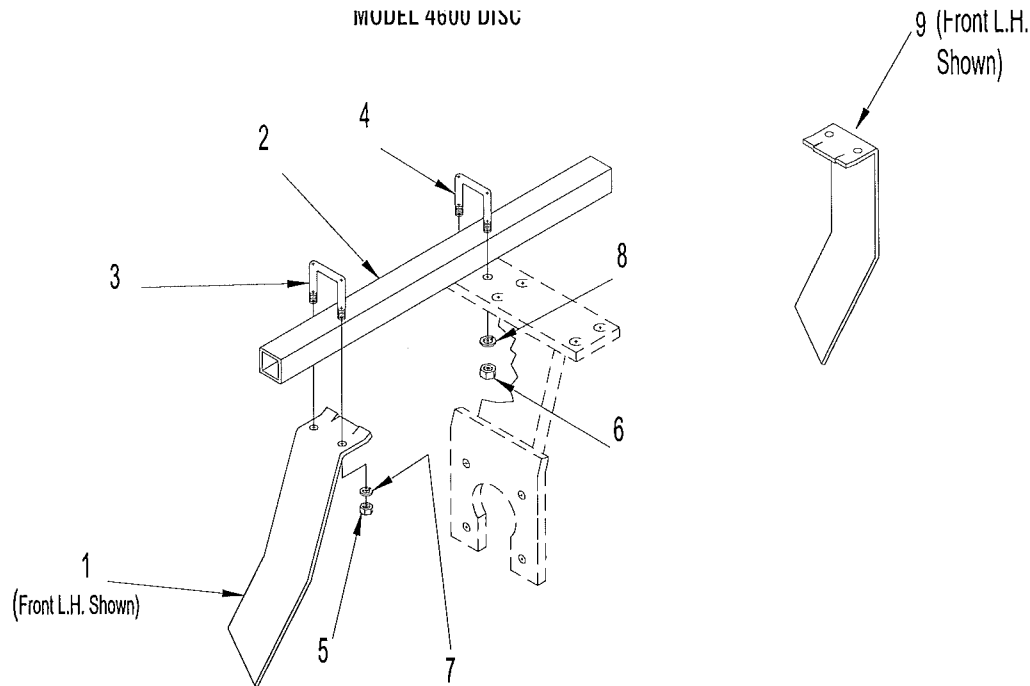
* as required

MODEL 4600 DISC



STONE FLEX HANGER FOR T2-215 BEARINGS (OPTIONAL) (Independently Mounted Scraper Bar – used after S/N 57462)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DGB9900	T2-215 Bearing Assembly (See Page 65 for T2-215 Bearing Breakdown)	*
2	DGA10570	Standard Mounting Bracket	*
3	DGA10575	2" (50.8mm) Offset Mounting Bracket	*
	DCA10576	3-1/2" (88.9mm) Offset Mounting Bracket	*
4	DG5313	1-1/4" (31.8mm) x 2-1/2" (63.5mm) Spring Shank	*
5	DGA5361	Scraper Bar Support Bracket - Standard Mounting Bracket - Front R.H. & Rear L.H.	*
	DGA5362	Scraper Bar Support Bracket - Standard Mounting Bracket - Front L.H. & Rear R.H.	*
6	DGA5336	Scraper Bar Support Bracket - For 2" (50.8mm) Offset Mounting Bracket - Frt. L.H. & Rear R.H.	*
	DGA5337	Scraper Bar Support Bracket - For 2" (50.8mm) Offset Mounting Bracket - Frt. R.H. & Rear L.H.	*
7	DGA5328	Backing Plate - Hanger Mounted Scraper Only	*
8	DG5378	7/8" (22.2mm) x 7" (178mm) x 7-1/8" (181mm) Long U-bolt	*
9	BO62100	5/8" (15.7mm) x 10" (254mm) N.C. Hex. Bolt- GR.5	*
10	BO75035	3/4" (19mm) x 3-1/2" (88.9mm) N.C. Hex. Bolt- GR.5	*
11	BN062	5/8" (15.7mm) N.C. Hex. Nut	*
12	BN075	3/4" (19mm) N.C. Hex. Nut	*
13	BN087	7/8" (22.2mm) N.C. Hex. Nut	*
14	BW075L	3/4" (19mm) Lockwasher	*
15	BW087L	7/8" (22.2mm) Lockwasher	*
16	10GN1	1/4" (6.35mm) - 28 Straight Grease Fitting	*
17	DG10590	Bearing Guard - T2-215 Bearing	*



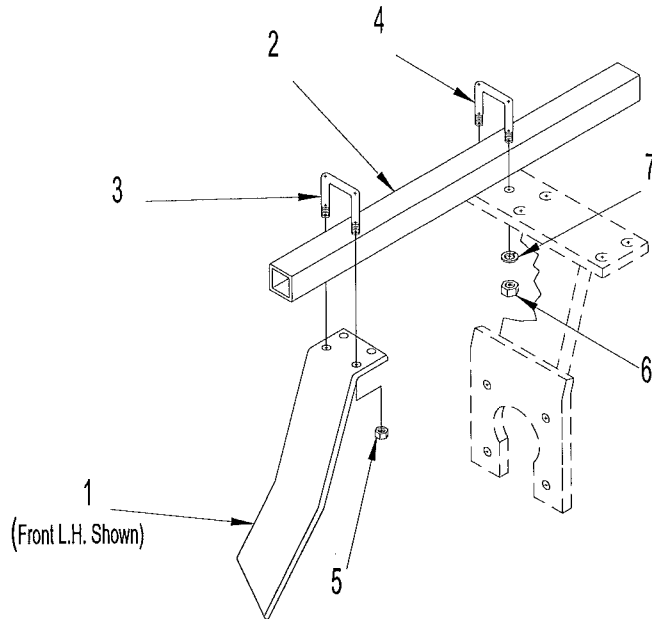
STANDARD SCRAPER AND SCRAPER BAR

(Hanger Mounted Scraper Bar – used prior to S/N 51463 for Std Hangers and prior to S/N 51377 for Stone Flex Hangers)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DG5300	Scraper - Front L.H. & Rear R.H. (5/16" (7.8mm) x 4" (101.6mm))	*
	DG5301	Scraper - Front R.H. & Rear L.H. (5/16" (7.8mm) x 4" (101.6mm))	*
	DG5304	Scraper (For Cone Blades ONLY) - Front L.H. & Rear R.H. (5/16" (7.8mm) x 4" (101.6mm))	*
	DG5305	Scraper (For Cone Blades ONLY) - Front R.H. & Rear L.H. (5/16" (7.8mm) x 4" (101.6mm))	*
2		SCRAPER BARS FOR 9" (230mm) SPACING	
	DS45	4 Blade Gang Scraper Bar - 45-1/2" (1156mm)	*
	DS64	7 Blade Gang Scraper Bar - 64" (1626mm)	*
	DS63	7 Blade Gang Scraper Bar - 63" (1600mm) - (90 deg Scraper)	*
	DS73	8 Blade Gang Scraper Bar - 73-1/4" (1861mm)	*
	DS82	9 Blade Gang Scraper Bar - 82" (2083mm)	*
	DS81	9 Blade Gang Scraper Bar - 81-1/2" (2070mm) - (90 deg Scraper)	*
	DS92	10 Blade Gang Scraper Bar - 92" (2337mm)	*
	DS88	10 Blade Gang Scraper Bar - 88-1/2" (2243mm) - (90 deg Scraper)	*
	DS101	11 Blade Gang Scraper Bar - 101-1/2" (2578mm)	*
	DS99	11 Blade Gang Scraper Bar - 99" (2515mm) - (90 deg Scraper)	*
	DS110	12 Blade Gang Scraper Bar - 110" (2794mm)	*
	DS108	12 Blade Gang Scraper Bar - 108" (2743mm) - (90 deg Scraper)	*
	DS129	14 Blade Gang Scraper Bar - 129-1/2" (3289mm)	*
	DS139	15 Blade Gang Scraper Bar - 139" (3531mm)	*
	DS135	15 Blade Gang Scraper Bar - 135" (3429mm) - (90 deg Scraper)	*
		SCRAPER BARS FOR 10-1/2" (267mm) SPACING	
	DS41	4 Blade Gang Scraper Bar - 41" (1041mm)	*
	DS62	6 Blade Gang Scraper Bar - 62-1/2" (1588mm)	*
	DS61	6 Blade Gang Scraper Bar - 61" (1564mm) - (90 deg Scraper)	*
	DS73	7 Blade Gang Scraper Bar - 73-1/2" (1867mm)	*
	DS70	7 Blade Gang Scraper Bar - 70" (1778mm) - (90 deg Scraper)	*
	DS84	8 Blade Gang Scraper Bar - 84" (2134mm)	*
	DS82	8 Blade Gang Scraper Bar - 82-1/2" (2095mm) - (90 deg Scraper)	*
	DS94	9 Blade Gang Scraper Bar - 94-1/2" (2400mm)	*
	DS93	9 Blade Gang Scraper Bar - 93" (2362mm) - (90 deg Scraper)	*
	DS105	10 Blade Gang Scraper Bar - 105" (2667mm)	*
	DS107	10 Blade Gang Scraper Bar - 107-1/2" (2731mm) - (90 deg Scraper)	*
	DS115	11 Blade Gang Scraper Bar - 115-1/2" (2934mm)	*
	DS114	11 Blade Gang Scraper Bar - 114-1/2" (2908mm) - (90 deg Scraper)	*
	DS127	12 Blade Gang Scraper Bar - 127-1/2" (3239mm)	*
	DS138	13 Blade Gang Scraper Bar - 138" (3505mm)	*
	DS134	13 Blade Gang Scraper Bar - 134" (3404mm) - (90 deg Scraper)	*
		SCRAPER BARS FOR 12" (305mm) SPACING	
	DS45	4 Blade Gang Scraper Bar - 45-1/2" (1156mm)	*
	DS70	6 Blade Gang Scraper Bar - 70" (1778mm)	*
	DS66	6 Blade Gang Scraper Bar - 66" (1676mm) - (90 deg Scraper)	*
	DS82	7 Blade Gang Scraper Bar - 82" (2083mm)	*
	DS78	7 Blade Gang Scraper Bar - 78-1/2" (1994mm) - (90 deg Scraper)	*
	DS94	8 Blade Gang Scraper Bar - 94-1/2" (2400mm)	*
	DS90	8 Blade Gang Scraper Bar - 90" (2286mm) - (90 deg Scraper)	*
	DS107	9 Blade Gang Scraper Bar - 107" (2718mm)	*
	DS103	9 Blade Gang Scraper Bar - 103" (2616mm) - (90 deg Scraper)	*
	DS120	10 Blade Gang Scraper Bar - 120" (3048mm)	*
	DS128	11 Blade Gang Scraper Bar - 128" (3251mm) - (90 deg Scraper)	*
	DS132	11 Blade Gang Scraper Bar - 132" (3353mm)	*
	DS144	12 Blade Gang Scraper Bar - 144" (3658mm)	*
	DS156	13 Blade Gang Scraper Bar - 156" (3962mm)	*
	DS152	13 Blade Gang Scraper Bar - 152" (3861mm) - (90 deg Scraper)	*
3	DG5308	1/2" (12.7mm) x 2" (50.8mm) U-bolt	*
4	DG5309	5/8" (15.7mm) x 2" (50.8mm) U-bolt	*
5	BN050	1/2" (12.7mm) N.C. Hex. Nut	*
6	BN062	5/8" (15.7mm) N.C. Hex. Nut	*
7	BW050L	1/2" (12.7mm) Lockwasher	*
8	BW062L	5/8" (15.7mm) Lockwasher	*
9	DG9698	L.H. 90 degree Scraper Std. (5/16" (7.8mm) x 4" (101.6mm))	*
	DG9697	R.H. 90 degree Scraper Std. (5/16" (7.8mm) x 4" (101.6mm))	*
	DG9784	R.H. 90 degree Scraper (5/16" (7.8mm) x 4" (101.6mm)) (cone blades only)	*
	DG9783	L.H. 90 degree Scraper (5/16" (7.8mm) x 4" (101.6mm)) (cone blades only)	*

* as required

8 (Front L.H.
Shown)

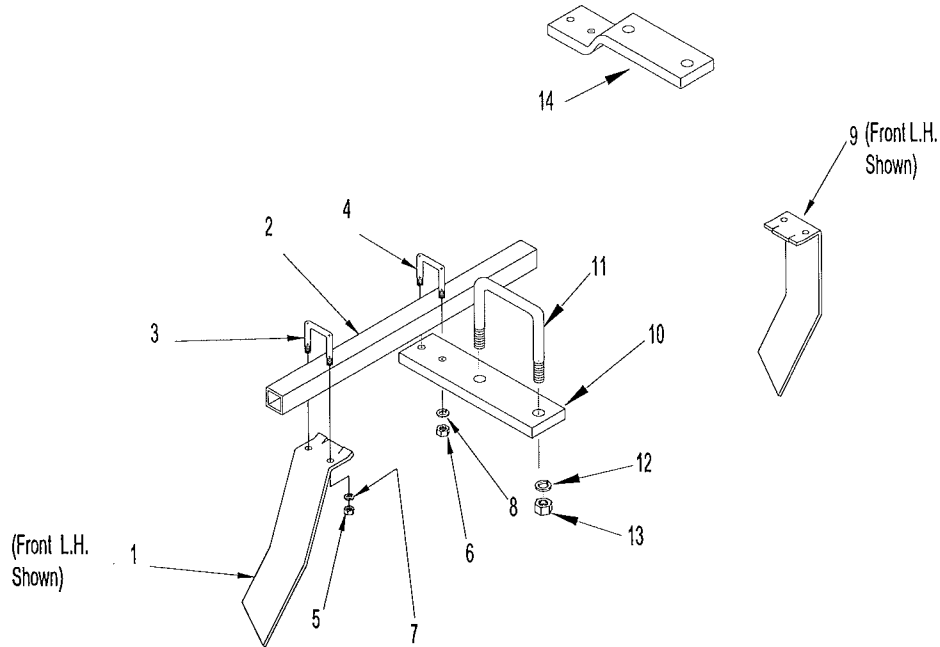


(Hanger Mounted Scraper Bar – used prior to S/N 51463 for Std Hanger and prior to S/N 51377 for Stone Flex Hangers)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DG13010	Heavy Duty Scraper - 1/2" x 4" (12.7 x 101.6mm) - Front R.H. & Rear L.H.	*
	DG13011	Heavy Duty Scraper - 1/2" x 4" (12.7 x 101.6mm) - Front L.H. & Rear R.H.	*
2		SCRAPER BARS FOR 9" (230mm) SPACING - 3/16" WALL TUBING	
	DS45 - 4	4 Blade Gang Scraper Bar - 45-1/2" (1156mm)	*
	DS64 - 4	7 Blade Gang Scraper Bar - 64" (1626mm)	*
	DS63 - 4	7 Blade Gang Scraper Bar - 63" (1600mm) - (90 deg Scraper)	*
	DS73 - 4	8 Blade Gang Scraper Bar - 73-1/4" (1861mm)	*
	DS82 - 4	9 Blade Gang Scraper Bar - 82" (2083mm)	*
	DS81 - 4	9 Blade Gang Scraper Bar - 82" (2083mm) - (90 deg Scraper)	*
	DS92 - 4	10 Blade Gang Scraper Bar - 92" (2337mm)	*
	DS88 - 4	10 Blade Gang Scraper Bar - 88-1/2" (2248mm) - (90 deg Scraper)	*
	DS101 - 4	11 Blade Gang Scraper Bar - 101-1/2" (2578mm)	*
	DS99 - 4	11 Blade Gang Scraper Bar - 99" (2515mm) - (90 deg Scraper)	*
	DS110 - 4	12 Blade Gang Scraper Bar - 110" (2794mm)	*
	DS108 - 4	12 Blade Gang Scraper Bar - 108" (2743mm) - (90 deg Scraper)	*
	DS129 - 4	14 Blade Gang Scraper Bar - 129-1/2" (3289mm)	*
	DS139 - 4	15 Blade Gang Scraper Bar - 139" (3531mm)	*
	DS135 - 4	15 Blade Gang Scraper Bar - 135" (3429mm) - (90 deg Scraper)	*
		SCRAPER BARS FOR 10-1/2" (267mm) SPACING - 3/16" WALL TUBING	
	DS62 - 4	6 Blade Gang Scraper Bar - 62-1/2" (1588mm)	*
	DS61 - 4	6 Blade Gang Scraper Bar - 61" (1564mm) - (90 deg Scraper)	*
	DS73 - 4	7 Blade Gang Scraper Bar - 73-1/2" (1867mm)	*
	DS70 - 4	7 Blade Gang Scraper Bar - 70" (1778mm) - (90 deg Scraper)	*
	DS84 - 4	8 Blade Gang Scraper Bar - 84" (2134mm)	*
	DS82 - 4	8 Blade Gang Scraper Bar - 82-1/2" (2095mm) - (90 deg Scraper)	*
	DS94 - 4	9 Blade Gang Scraper Bar - 94-1/2" (2400mm)	*
	DS93 - 4	9 Blade Gang Scraper Bar - 93" (2362mm) - (90 deg Scraper)	*
	DS105 - 4	10 Blade Gang Scraper Bar - 105" (2667mm)	*
	DS107 - 4	10 Blade Gang Scraper Bar - 105" (2667mm) - (90 deg Scraper)	*
	DS115 - 4	11 Blade Gang Scraper Bar - 115-1/2" (2934mm)	*
	DS114 - 4	11 Blade Gang Scraper Bar - 115" (2921mm) - (90 deg Scraper)	*
	DS127 - 4	12 Blade Gang Scraper Bar - 127-1/2" (3239mm)	*
	DS138 - 4	13 Blade Gang Scraper Bar - 138" (3505mm)	*
	DS134 - 4	13 Blade Gang Scraper Bar - 134" (3404mm) - (90 deg Scraper)	*
		SCRAPER BARS FOR 12" (305mm) SPACING - 3/16" WALL TUBING	
	DS45 - 4	4 Blade Gang Scraper Bar - 45-1/2" (1156mm)	*
	DS70 - 4	6 Blade Gang Scraper Bar - 70" (1778mm)	*
	DS66 - 4	6 Blade Gang Scraper Bar - 66" (1676mm) - (90 deg Scraper)	*
	DS82 - 4	7 Blade Gang Scraper Bar - 82" (2083mm)	*
	DS78 - 4	7 Blade Gang Scraper Bar - 78" (1981mm) - (90 deg Scraper)	*
	DS94 - 4	8 Blade Gang Scraper Bar - 94-1/2" (2400mm)	*
	DS90 - 4	8 Blade Gang Scraper Bar - 90" (2286mm) - (90 deg Scraper)	*
	DS107 - 4	9 Blade Gang Scraper Bar - 107" (2718mm)	*
	DS103 - 4	9 Blade Gang Scraper Bar - 103" (2616mm) - (90 deg Scraper)	*
	DS120 - 4	10 Blade Gang Scraper Bar - 120" (3048mm)	*
	DS103 - 4	10 Blade Gang Scraper Bar - 103" (2616mm) - (90 deg Scraper)	*
	DS132 - 4	11 Blade Gang Scraper Bar - 132" (3353mm)	*
	DS128 - 4	11 Blade Gang Scraper Bar - 128" (3264mm) - (90 deg Scraper)	*
	DS144 - 4	12 Blade Gang Scraper Bar - 144" (3658mm)	*
	DS156 - 4	13 Blade Gang Scraper Bar - 156" (3962mm)	*
	DS152 - 4	13 Blade Gang Scraper Bar - 152" (3861mm) - (90 deg Scraper)	*
3	DG5308	1/2" (12.7mm) x 2" (50.8mm) U-bolt	*
4	DG5309	5/8" (15.7mm) x 2" (50.8mm) U-bolt	*
5	BN050	1/2" (12.7mm) N.C. Hex. Nut	*
6	BN062	5/8" (15.7mm) N.C. Hex. Nut	*
7	BW062L	5/8" (15.7mm) Lockwasher	*
8	DG13012	R.H. 90 degree Scraper - 1/2" x 4" (12.7 x 101.6mm)	*
	DG13013	L.H. 90 degree Scraper - 1/2" x 4" (12.7 x 101.6mm)	*

* as required

MODEL 4600 DISC



STANDARD SCRAPER AND SCRAPER BAR

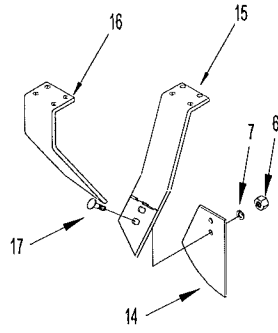
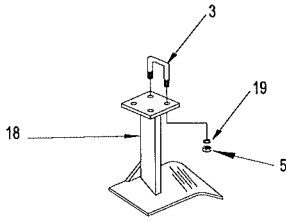
(Independently Mounted Scraper Bar – used after S/N 51462 for Solid Hanger and after S/N 51376 for Stone Flex Hangers)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DG5292 DG5293	Scraper (Std) - Front L.H. & Rear R.H. Scraper (Std) - Front R.H. & Rear L.H.	* *
2	DS48 DS67 DS63 DS76 DS85 DS81 DS95 DS91 DS104 DS99 DS113 DS108 DS132 DS142 DS138	SCRAPER BARS FOR 9" (230mm) SPACING 4 Blade Gang Scraper Bar - 48-1/2" (1232mm) 7 Blade Gang Scraper Bar - 67" (1702mm) 7 Blade Gang Scraper Bar - 63" (1600mm) - (90 deg Scraper) 8 Blade Gang Scraper Bar - 76-1/4" (1937mm) 9 Blade Gang Scraper Bar - 85" (2159mm) 9 Blade Gang Scraper Bar - 81-1/2" (2070mm) - (90 deg Scraper) 10 Blade Gang Scraper Bar - 95" (2413mm) 10 Blade Gang Scraper Bar - 91-1/2" (2324mm) - (90 deg Scraper) 11 Blade Gang Scraper Bar - 104-1/2" (2654mm) 11 Blade Gang Scraper Bar - 99-1/2" (2527mm) - (90 deg Scraper) 12 Blade Gang Scraper Bar - 113" (2870mm) 12 Blade Gang Scraper Bar - 108" (2743mm) - (90 deg Scraper) 14 Blade Gang Scraper Bar - 132-1/2" (3366mm) 15 Blade Gang Scraper Bar - 142" (3607mm) 15 Blade Gang Scraper Bar - 138" (3505mm) - (90 deg Scraper)	* * * * * * * * * * * * * * *
	DS43 DS65 DS61 DS69 DS76 DS73 DS87 DS82 DS97 DS93 DS108 DS107 DS118 DS114 DS130 DS141 DS137	SCRAPER BARS FOR 10-1/2" (267mm) SPACING 4 Blade Gang Scraper Bar - 43" (1092mm) 6 Blade Gang Scraper Bar - 65-1/2" (1664mm) 6 Blade Gang Scraper Bar - 61" (1549mm) - (90 deg Scraper) 6 Blade Gang Scraper Bar - 69" (1753mm) - for Rear Centre M/F 6 Blade Gang Only 7 Blade Gang Scraper Bar - 76-1/2" (1943mm) 7 Blade Gang Scraper Bar - 73" (1854mm) - (90 deg Scraper) 8 Blade Gang Scraper Bar - 87" (2210mm) 8 Blade Gang Scraper Bar - 82-1/2" (2096mm) - (90 deg Scraper) 9 Blade Gang Scraper Bar - 97-1/2" (2477mm) 9 Blade Gang Scraper Bar - 93" (2362mm) - (90 deg Scraper) 10 Blade Gang Scraper Bar - 108" (2743mm) 10 Blade Gang Scraper Bar - 107-1/2" (2731mm) - (90 deg Scraper) 11 Blade Gang Scraper Bar - 118-1/2" (3010mm) 11 Blade Gang Scraper Bar - 114-1/2" (2908mm) - (90 deg Scraper) 12 Blade Gang Scraper Bar - 130-1/2" (3315mm) 13 Blade Gang Scraper Bar - 141" (3581mm) 13 Blade Gang Scraper Bar - 137" (3480mm) - (90 deg Scraper)	* * * * * * * * * * * * * * * * *
	DS48 DS73 DS69 DS85 DS81 DS97 DS93 DS110 DS106 DS123 DS135 DS147 DS159 DS155	SCRAPER BARS FOR 12" (305mm) SPACING 4 Blade Gang Scraper Bar - 48-1/2" (1232mm) 6 Blade Gang Scraper Bar - 73" (1854mm) 6 Blade Gang Scraper Bar - 69" (1753mm) - (90 deg Scraper) 6 Blade Gang Scraper Bar - 85" (2159mm) 7 Blade Gang Scraper Bar - 81" (2057mm) - (90 deg Scraper) 8 Blade Gang Scraper Bar - 97-1/2" (2477mm) 8 Blade Gang Scraper Bar - 93" (2362mm) - (90 deg Scraper) 9 Blade Gang Scraper Bar - 110" (2794mm) 9 Blade Gang Scraper Bar - 106" (2692mm) - (90 deg Scraper) 10 Blade Gang Scraper Bar - 123" (3124mm) 11 Blade Gang Scraper Bar - 135" (3429mm) 12 Blade Gang Scraper Bar - 147" (3734mm) 13 Blade Gang Scraper Bar - 159" (4039mm) 13 Blade Gang Scraper Bar - 155" (3937mm) - (90 deg Scraper)	* * * * * * * * * * * * * *
3	DG5308	1/2" (12.7mm) x 2" (50.8mm) U-bolt	*
4	DG5309	5/8" (15.7mm) x 2" (50.8mm) U-bolt	*
5	BN050	1/2" (12.7mm) N.C. Hex. Nut	*
6	BN062	5/8" (15.7mm) N.C. Hex. Nut	*
7	BW050L	1/2" (12.7mm) Lockwasher	*
8	BW062L	5/8" (15.7mm) Lockwasher	*
9	DG5297 DG5298	90 degree Scraper Std. - Frt. L.H. & Rear R.H. 90 degree Scraper Std. - Frt. R.H. & Rear L.H.	* *
10	DG5296	Straight Scraper Mount Plate	*
11	DG13145	3/4" x 6-7/8" cc x 5-3/4" (19.0mm x 174.5mm x 146.0mm) U-Bolt	*
12	BW075L	3/4" (19.0mm) Lockwasher	*
13	BN075	3/4" (19.0mm) N.C. Hex Nut	*
14	DG5303	Offset Scraper Mount Plate	*

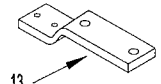
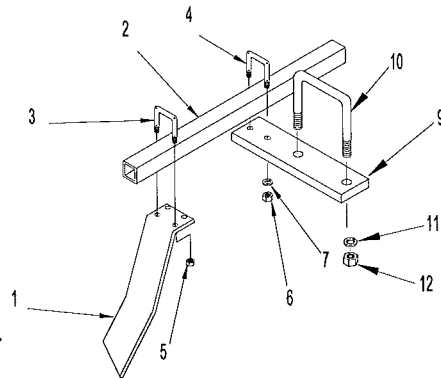
* as required

MODEL 4600 DISC

Bearing Trash Guard
12" Spacing



(Front L.H.
Shown)



8 (Front L.H.
Shown)

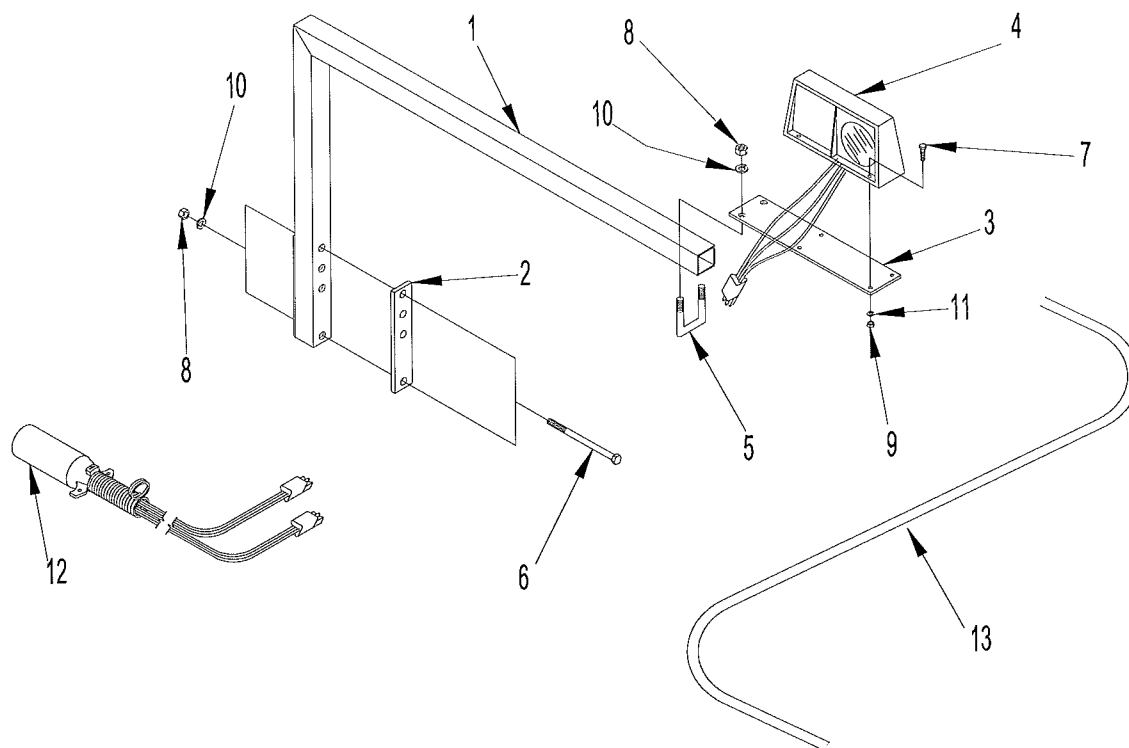
HEAVY DUTY SCRAPER AND SCRAPER BAR ASSEMBLY

(Independently Mounted Scraper Bar - used after S/N 51462 for Solid Hangers and after S/N 51376 for Stone Flex Hangers)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DG13215 DG13216	Heavy Duty Scraper - 1/2" x 4" (12.7 x 101.6mm) - Front L.H. & Rear R.H. Heavy Duty Scraper - 1/2" x 4" (12.7 x 101.6mm) - Front R.H. & Rear L.H.	* *
2	DS45 - 4 DS64 - 4 DS63 - 4 DS73 - 4 DS82 - 4 DS81 - 4 DS92 - 4 DS88 - 4 DS101 - 4 DS99 - 4 DS110 - 4 DS108 - 4 DS129 - 4 DS139 - 4 DS135 - 4	SCRAPER BARS FOR 9" (230mm) SPACING - 3/16" WALL TUBING 4 Blade Gang Scraper Bar - 45-1/2" (1156mm) 7 Blade Gang Scraper Bar - 64" (1626mm) 7 Blade Gang Scraper Bar - 63" (1600mm) - (90 deg Scraper) 8 Blade Gang Scraper Bar - 73-1/4" (1861mm) 9 Blade Gang Scraper Bar - 82" (2083mm) 9 Blade Gang Scraper Bar - 82" (2083mm) - (90 deg Scraper) 10 Blade Gang Scraper Bar - 92" (2337mm) 10 Blade Gang Scraper Bar - 88-1/2" (2248mm) - (90 deg Scraper) 11 Blade Gang Scraper Bar - 101-1/2" (2578mm) 11 Blade Gang Scraper Bar - 99" (2515mm) - (90 deg Scraper) 12 Blade Gang Scraper Bar - 110" (2794mm) 12 Blade Gang Scraper Bar - 108" (2743mm) - (90 deg Scraper) 14 Blade Gang Scraper Bar - 129-1/2" (3283mm) 15 Blade Gang Scraper Bar - 139" (3531mm) 15 Blade Gang Scraper Bar - 135" (3429mm) - (90 deg Scraper)	* * * * * * * * * * * * * *
	DS62 - 4 DS61 - 4 DS73 - 4 DS70 - 4 DS84 - 4 DS82 - 4 DS94 - 4 DS93 - 4 DS105 - 4 DS107 - 4 DS115 - 4 DS114 - 4 DS127 - 4 DS138 - 4 DS134 - 4	SCRAPER BARS FOR 10-1/2" (267mm) SPACING - 3/16" WALL TUBING 6 Blade Gang Scraper Bar - 62-1/2" (1588mm) 6 Blade Gang Scraper Bar - 61" (1564mm) - (90 deg Scraper) 7 Blade Gang Scraper Bar - 73-1/2" (1867mm) 7 Blade Gang Scraper Bar - 70" (1778mm) - (90 deg Scraper) 8 Blade Gang Scraper Bar - 84" (2134mm) 8 Blade Gang Scraper Bar - 82-1/2" (2095mm) - (90 deg Scraper) 9 Blade Gang Scraper Bar - 94-1/2" (2400mm) 9 Blade Gang Scraper Bar - 93" (2362mm) - (90 deg Scraper) 10 Blade Gang Scraper Bar - 105" (2667mm) 10 Blade Gang Scraper Bar - 105" (2667mm) - (90 deg Scraper) 11 Blade Gang Scraper Bar - 115-1/2" (2934mm) 11 Blade Gang Scraper Bar - 115" (2921mm) - (90 deg Scraper) 12 Blade Gang Scraper Bar - 127-1/2" (3239mm) 13 Blade Gang Scraper Bar - 138" (3505mm) 13 Blade Gang Scraper Bar - 138" (3505mm) - (90 deg Scraper)	* * * * * * * * * * * * * *
	DS45 - 4 DS70 - 4 DS66 - 4 DS82 - 4 DS78 - 4 DS94 - 4 DS90 - 4 DS107 - 4 DS103 - 4 DS120 - 4 DS103 - 4 DS132 - 4 DS128 - 4 DS144 - 4 DS156 - 4 DS152 - 4	SCRAPER BARS FOR 12" (305mm) SPACING - 3/16" WALL TUBING 4 Blade Gang Scraper Bar - 45-1/2" (1156mm) 6 Blade Gang Scraper Bar - 70" (1778mm) 6 Blade Gang Scraper Bar - 66" (1676mm) - (90 deg Scraper) 7 Blade Gang Scraper Bar - 82" (2083mm) 7 Blade Gang Scraper Bar - 78" (1981mm) - (90 deg Scraper) 8 Blade Gang Scraper Bar - 94-1/2" (2400mm) 8 Blade Gang Scraper Bar - 90" (2286mm) - (90 deg Scraper) 9 Blade Gang Scraper Bar - 107" (2718mm) 9 Blade Gang Scraper Bar - 103" (2616mm) - (90 deg Scraper) 10 Blade Gang Scraper Bar - 120" (3048mm) 10 Blade Gang Scraper Bar - 120" (3048mm) - (90 deg Scraper) 11 Blade Gang Scraper Bar - 132" (3353mm) 11 Blade Gang Scraper Bar - 128" (3264mm) - (90 deg Scraper) 12 Blade Gang Scraper Bar - 144" (3658mm) 13 Blade Gang Scraper Bar - 156" (3962mm) 13 Blade Gang Scraper Bar - 152" (3861mm) - (90 deg Scraper)	* * * * * * * * * * * * * * *
3	DG5308	1/2" (12.7mm) x 2" (50.8mm) U-bolt	*
4	DG5309	5/8" (15.7mm) x 2" (50.8mm) U-bolt	*
5	BN050	1/2" (12.7mm) N.C. Hex. Nut	*
6	BN062	5/8" (15.7mm) N.C. Hex. Nut	*
7	BW062L	5/8" (15.7mm) Lockwasher	*
8	DG13217 DG13218	90 degree Heavy Duty Scraper - 1/2" x 4" (12.7 x 101.6mm) - Frt. L.H. & Rear R.H. 90 degree Heavy Duty Scraper - 1/2" x 4" (12.7 x 101.6mm) - Frt. R.H. & Rear L.H.	* *
9	DG5296	Straight Scraper Mount Plate	*
10	DG13145	3/4" x 6-7/8" cc x 5-3/4" (19.0mm x 174.5mm x 146.0mm) U-Bolt	*
11	BW075L	3/4" (19.0mm) Lockwasher	*
12	BN075	3/4" (19.0mm) N.C. Hex Nut	*
13	DG5303	Offset Scraper Mount Plate	*
14	DG7190	Wide Pan Scraper	*
15	DG7194	Heavy Duty Scraper Holder - Wide Pan	*
16	DG7195	90 Deg. Heavy Duty Scraper Holder - Wide Pan	*
17	BO50012C	1/2" x 1-1/4" (12.7mm x 32mm) N.C. Carriage Bolt	*
18	DGA13225	L.H. Bearing Trash Guard - 12" Spacing Only	*
	DGA13226	R.H. Bearing Trash Guard - 12" Spacing Only	*
19	BW050L	1/2" (12.7mm) Lockwasher	*

*as required

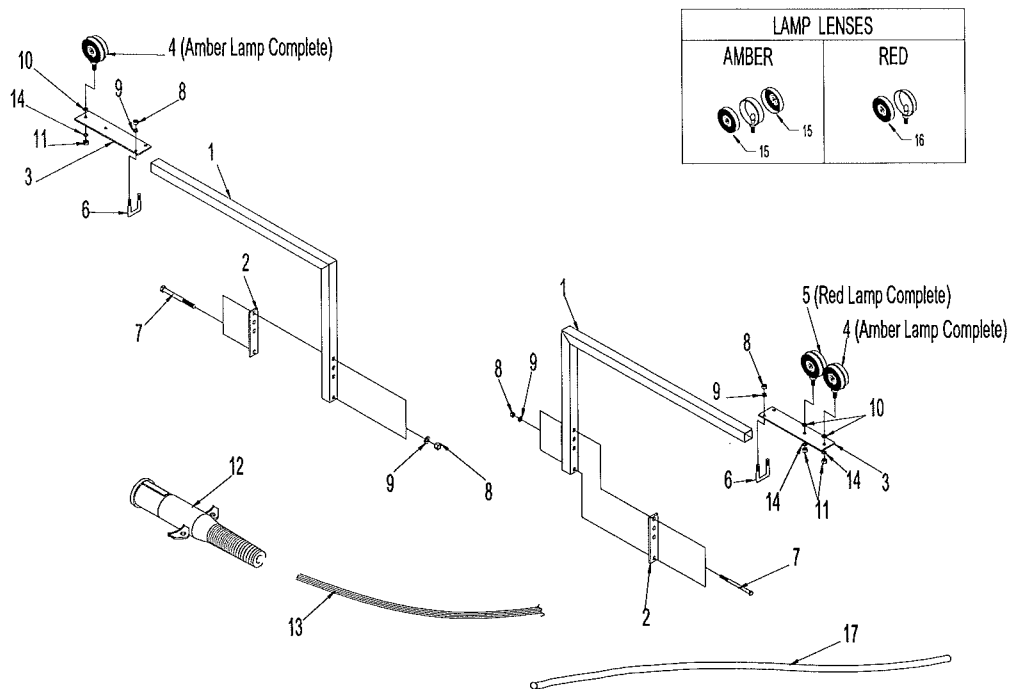
MODEL 4600 DISC



WARNING LIGHT KIT (OPTIONAL) - (used 2001 and Prior)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	D13101	Light Bracket	2
2	D13102	Backing Plate	2
3	D13103	Light Mount Plate	2
4	D13104	Light Fixture - L.H. Amber/Red (Amber on L.H.S.)	1
	D13115	Light Fixture - R.H. Red/Amber (Amber on R.H.S.)	1
5	DG5308	1/2" (12.7mm) x 2" (50.8mm) x 3" (76.2mm) U-Bolt	2
6	BO50075	1/2" (12.7mm) x 7-1/2" (191mm) N.C. Hex Bolts	4
7	BO25012	1/4" (6.35mm) x 1-1/4" (31.8mm) N.C. Hex Bolts	8
8	BN050	1/2" (12.7mm) N.C. Hex Nut	8
9	BN025	1/4" (6.35mm) N.C. Hex Nut	8
10	BW050L	1/2" (12.7mm) Lockwasher	8
11	BW025L	1/4" (6.35mm) Lockwasher	8
12	D13105	Electrical Harness (46ft.)	1
13	D13106	Protective Cover	1

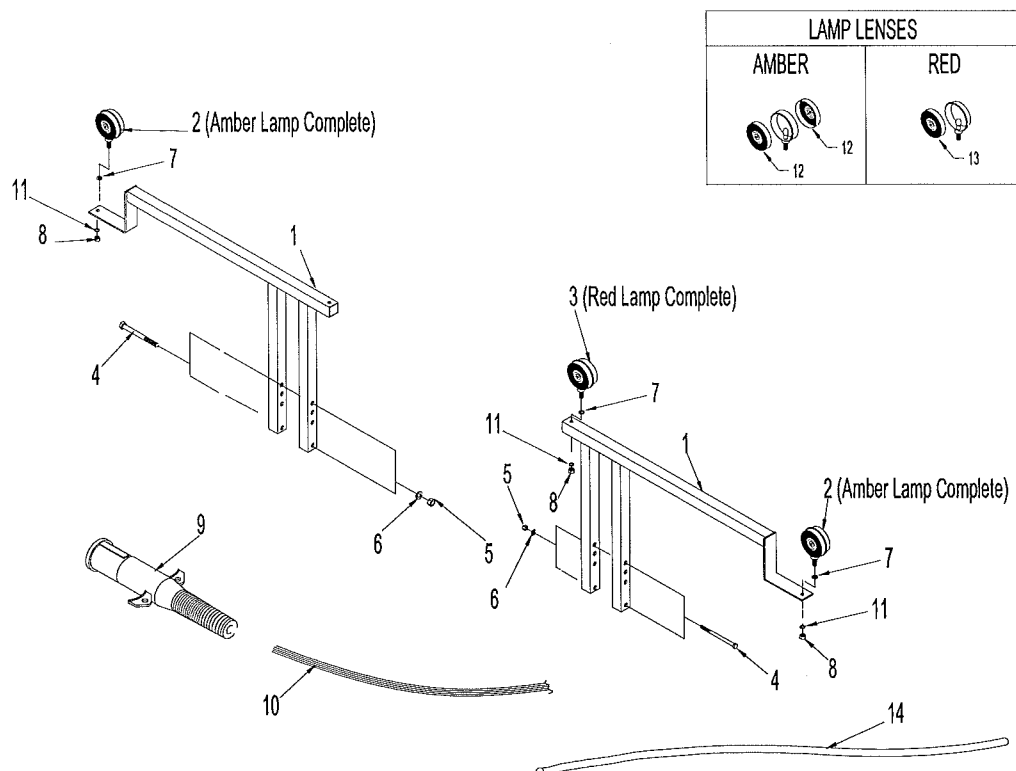
MODEL 4600 DISC



WARNING LIGHT KIT (OPTIONAL) - (used 2002 to Sept. 2005)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	LK6403	Light Bracket	2
2	LK6404	Backing Plate	2
3	D13102	Light Mount Plate	2
4	LK6422	Amber Lamp c/w Washers and Nut	2
5	LK6401	Red Lamp c/w Washers and Nut	1
6	DG5308	1/2" (12.7mm) x 2" (50.8mm) x 3" (76.2mm) U-Bolt	2
7	BO50078	1/2" (12.7mm) x 7-1/2" (191mm) N.C. Hex Bolts (Plated)	4
8	BN050	1/2" (12.7mm) N.C. Hex Nut (Plated)	8
9	BW050L	1/2" (12.7mm) Lockwasher (Plated)	8
10	LK6406	1-1/8" (28.6mm) x 1/2" 1/2" (12.7mm) Rubber Washer	3
11	LK6407	1/2" (12.7mm) Hex Nut - N.F. Fine Thread	3
12	LK6423	Male Plug Complete	1
13	LK6408	55 Ft. Electrical Wire (white/yellow/brown/green) - Supplied in bulk - Stripping and Cutting required	1
14	---	1/2" (12.7mm) Starwasher	3
15	LK6409	Amber Lens - For Amber Lamps	4
16	LK6410	Red Lens - For Red Lamps	1
17	D13117	Plastic Loom - 8' (2.43m) Long	1

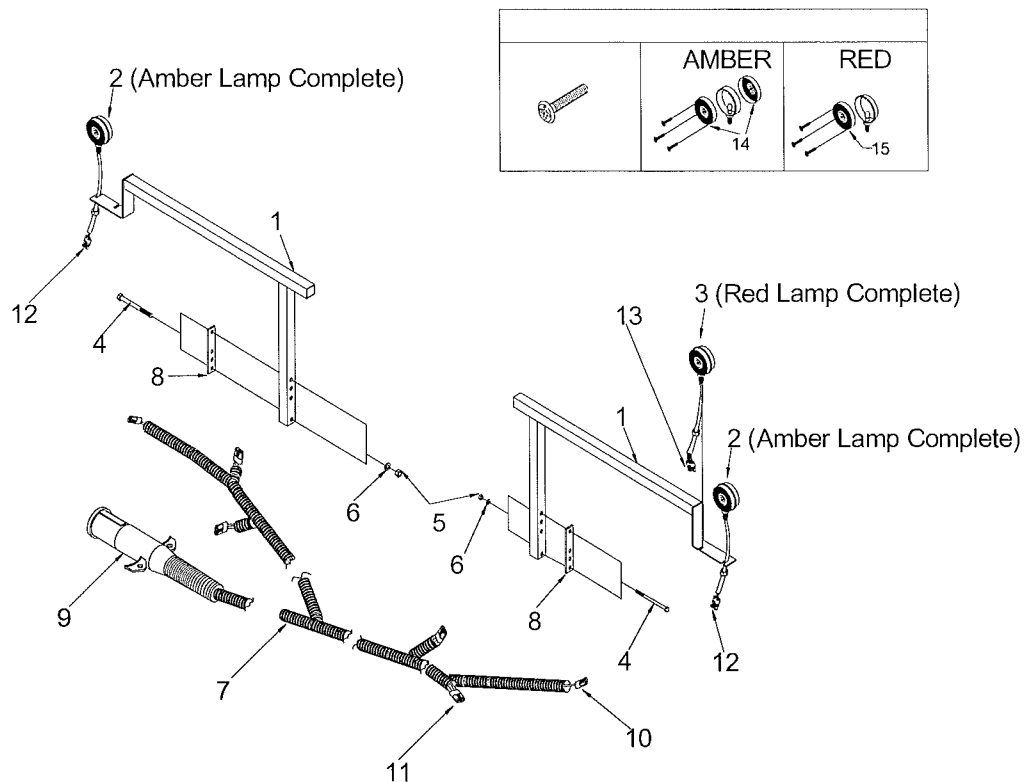
MODEL 4600 DISC



WARNING LIGHT KIT (OPTIONAL) - (used Sept. 2005 to Oct. 2008)

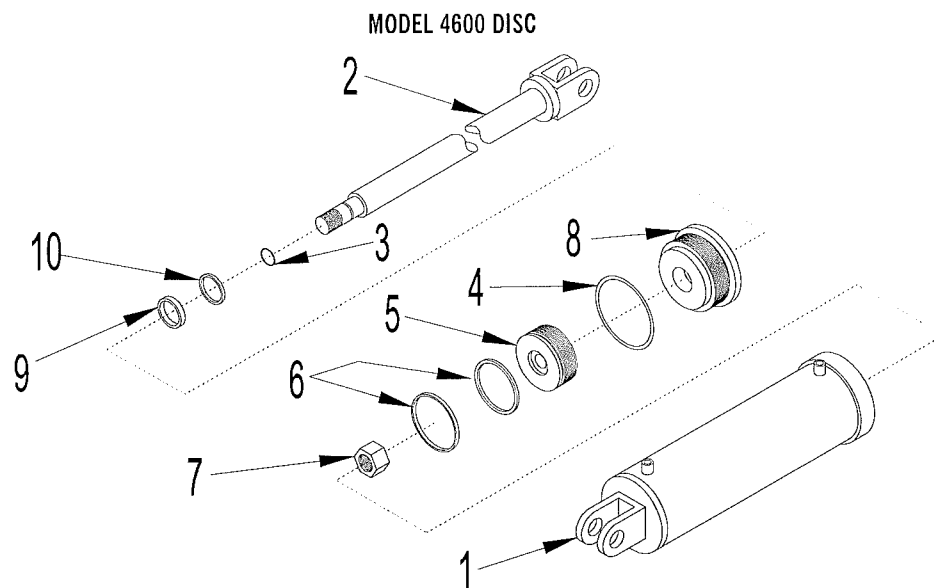
REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	LK6411	Light Bracket	2
2	LK6422	Amber Lamp c/w Washers and Nut	2
3	LK6401	Red Lamp c/w Washers and Nut	1
4	BO50085	1/2" (12.7mm) x 8-1/2" (216mm) N.C. Hex Bolts (Plated)	4
5	BN050	1/2" (12.7mm) N.C. Hex Nut (Plated)	
6	BW050L	1/2" (12.7mm) Lockwasher (Plated)	8
7	LK6406	1-1/8" (28.6mm) O.D. x 1/2" I.D. (12.7mm) Rubber Washer	3
8	LK6407	1/2" I.D. (12.7mm) Hex Nut - N.F. Thread	3
9	LK6423	Male Plug Complete	1
10	LK6408	55 Ft. Electrical Wire (white/yellow/brown/green) - Supplied in bulk - Stripping and Cutting required	1
11	---	1/2" (12.7mm) Starwasher	3
12	LK6409	Amber Lens - For Amber Lamps	4
13	LK6410	Red Lens - For Red Lamps	1
14	D13117	Plastic Loom - 8' (2.43m) Long	1

MODEL 4600 DISC



WARNING LIGHT KIT (OPTIONAL) - (used after Oct. 2008)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	LK6411	Light Bracket	2
2	LK6426	Amber Lamp c/w Washers, Nut and 2 Pin Plug	2
3	LK6425	Red Lamp c/w Washers, Nut and 2 Pin Plug	1
4	B050085	1/2" (12.7mm) x 8-1/2" (216mm) N.C. Hex Bolts (Plated)	4
5	BN050	1/2" (12.7mm) N.C. Hex Nut (Plated)	
6	BW050L	1/2" (12.7mm) Lockwasher (Plated)	8
7	LK6427	Wiring Harness	1
8	LK6404	Backing Plate	2
9	LK6423	Male Plug Complete	1
10	A75919	2 Pin Plug – Female	2
11	A75899	3 Pin Plug – Female	2
12	A75918	2 Pin Plug – Male	2
13	A75920	3 Pin Plug – Male	1
14	LK6429	Amber Lens	4
15	LK6430	Red Lens	1



MAIN ROCKSHAFT CYLINDER - 4" (101.6mm) x 24" (610mm) CYLINDER - #306

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	40TU10	Tube Assembly - 4" (101.6mm) x 24" (610mm)	1
2	10SH60	Shaft - 2" (50.8mm) x 24" (610mm)	1
3	10OR18	1" (25.4mm) O.D. x 7/8" (22.2mm) I.D. O-Ring	1
4	10OR17	4" (101.6mm) O.D. x 3/16" (4.76mm) O-Ring	1
5	40PB8	Piston - 4" (101.6mm) O.D. x 1" (25.4mm) I.D.	1
6	40PS1	4" (101.6mm) O.D. Piston Seal Assembly	1
7	10NU4	1" (25.4mm) - 14 N.F. Hex Nut	1
8	40HP5	Head Plate - 4" (101.6mm) O.D. x 2" (50.8mm) I.D.	1
9	10RS2	Rod Seal - 2-3/8" (60.2mm) O.D. x 2" (50.8mm) I.D. x 3/8" (9.39mm)	1
10	10WS6	Wiper Seal - 2-1/2" (63.5mm) O.D. x 2" (50.8mm) I.D. x 3/8" (9.39mm) - All Urethane	1

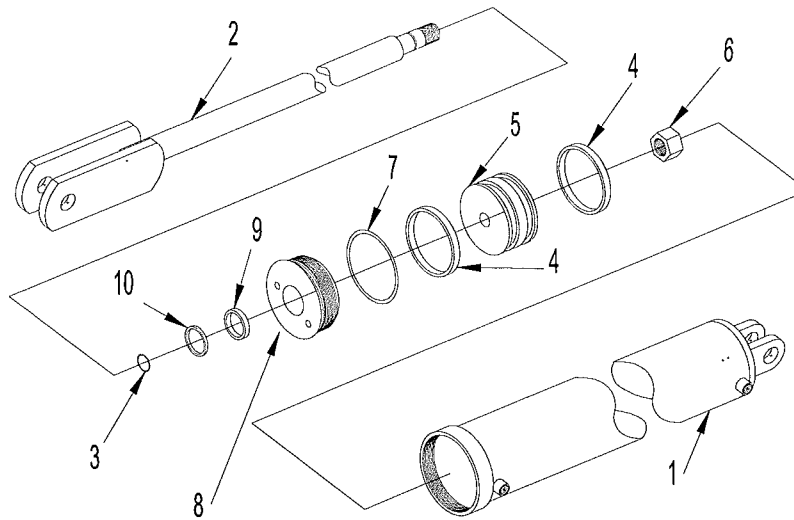
L.H. WING ROCKSHAFT CYLINDER - 3-1/2" (88.9mm) x 24" (610mm) CYLINDER - #305

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
	35TU15	Tube Assembly - 3-1/2" (88.9mm) x 24" (610mm)	1
	10SH59	Shaft - 1-3/4" (44.4mm) x 24" (610mm)	1
	10OR18	1" (25.4mm) O.D. x 7/8" (22.2mm) I.D. O-Ring	1
	10OR8	3-1/2" (88.9mm) O.D. x 3/16" (4.76mm) O-Ring	1
	35PB8	Piston - 3-1/2" (88.9mm) O.D. x 1" (25.4mm) I.D.	1
	35PS1	Piston Seal Assembly	1
	10NU4	1" (25.4mm) - 14 N.F. Hex Nut	1
	35HP9	Head Plate - 3-1/2" (88.9mm) O.D. x 1-3/4" (44.4mm) I.D.	1
	10RS3	Rod Seal - 1-3/4" (44.4mm) I.D. x 2-1/8" (54.0mm) O.D. x 3/8" (9.39mm)	1
	10WS10	All Urethane Wiper Seal - 1-3/4" (44.4mm) I.D. x 2-1/8" (54.0mm) O.D. x 1/4" (6.35mm)	1
		All Urethane Wiper Seal	

R.H. WING ROCKSHAFT CYLINDER - 3" (76.2mm) x 24" (610mm) CYLINDER - #304

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	30TU34	Tube Assembly - 3" (76.2mm) x 24" (610mm)	1
2	10SH59	Shaft - 1-3/4" (44.4mm) x 24" (610mm)	1
3	10OR18	1" (25.4mm) O.D. x 7/8" (22.2mm) I.D. O-Ring	1
4	10OR3	3" (76.2mm) O.D. x 3/16" (4.76mm) O-Ring	1
5	30PB4	Piston - 3" (76.2mm) O.D. x 1" (25.4mm) I.D.	1
6	30PS1	Piston Seal Assembly	1
7	10NU4	1" (25.4mm) - 14 N.F. Hex Nut	1
8	30HP15	Head Plate - 3" (76.2mm) O.D. x 1-3/4" (44.4mm) I.D.	1
9	10RS3	Rod Seal - 1-3/4" (44.4mm) I.D. x 2-1/8" (54.0mm) O.D. x 3/8" (9.39mm)	1
10	10WS10	All Urethane Wiper Seal - 1-3/4" (44.4mm) I.D. x 2-1/8" (54.0mm) O.D. x 1/4" (6.35mm) All Urethane Wiper Seal	1

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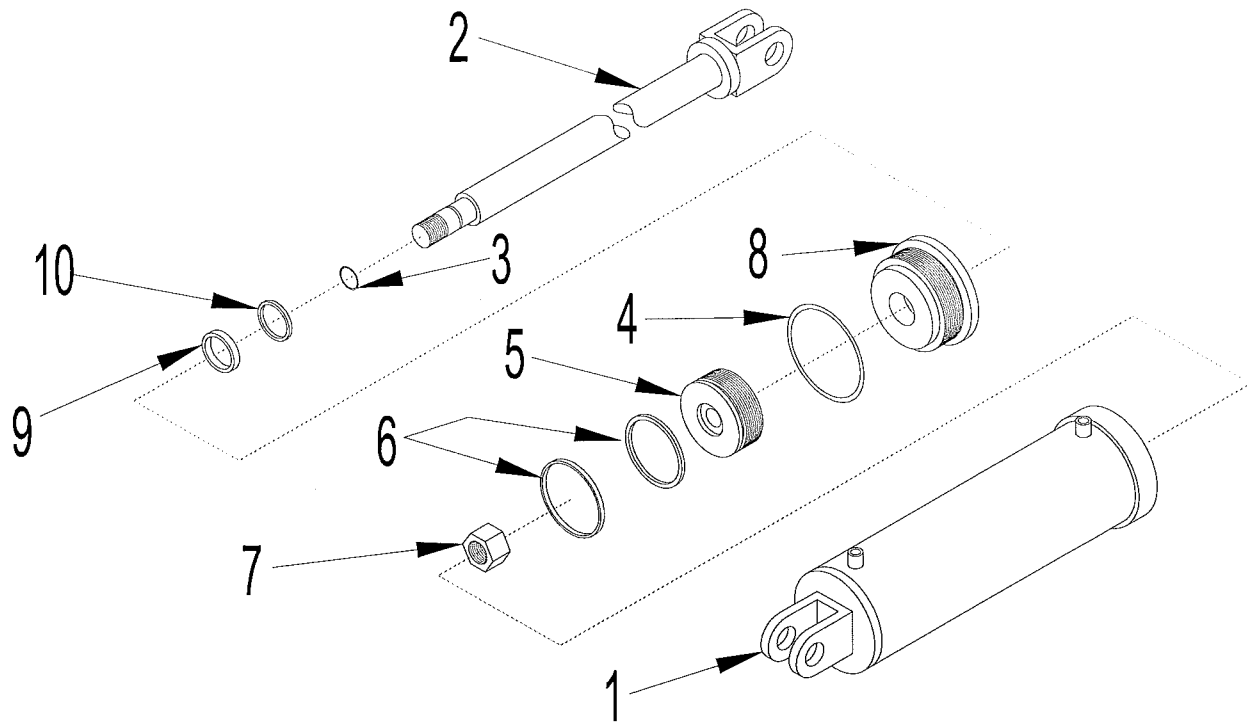
WING LIFT CYLINDER - 4" x 36" (102 x 914mm) CYLINDER - #248
- 5" x 36" (127 x 914mm) CYLINDER - #242

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D	
			Cyl. #242	Cyl. #248
1	50TU8	Tube Assembly - 5" x 36" (127 x 914mm)	1	---
	40TU8	Tube Assembly - 4" x 36" (102 x 914mm)	---	1
2	10SH36	Shaft - 1-3/4" x 36" (44.4 x 914mm)	1	1
3	100R19	1-1/8" I.D. x 1-1/4" O.D. (28.5 x 31.8mm) O-Ring	1	1
4	50CU1	4-1/2" I.D. x 5" O.D. x 1/2" (29.9 x 127 x 12.7mm) U-Cup	2	---
	40CU3	4" (101.6mm) U-Cup	---	2
5	50PB2	5" O.D. x 1-1/4" I.D. (127 x 31.8mm) Piston	1	---
	40PB7	4" O.D. x 1-1/4" I.D. (101.6 x 31.7mm) Piston	---	1
6	10NU3	1-1/4" (31.8mm) U.N.F. Hex Lock Nut	1	1
7	100R14	4-1/2" I.D. x 5" O.D. (29.9 x 127mm) O-Ring	1	---
	100R17	3-5/8" I.D. x 4" O.D. (92.1 x 101.6mm) O-Ring	---	1
8	50HP3	5" O.D. x 1-3/4" I.D. (127 x 44.4mm) Head Plate	1	---
	40HP4	4" O.D. x 1-3/4" I.D. (101.6 x 44.4mm) Head Plate	---	1
9	10RS3	1-3/4" I.D. x 2-1/8" O.D. x 3/8" (44.4 x 54.0 x 9.39mm) Rod Seal	1	1
10	10WS3	1-3/4" I.D. x 2-1/8" O.D. x 3/16" (44.4 x 54.0 x 4.76mm) Wiper Seal	1	1

SEAL KIT

PART NO.	DESCRIPTION	QTY. REQ'D	CYLINDER NO.
5017N4	50CU1 - 4-1/2" I.D. x 5" O.D. x 1/2" (114 x 127mm x 12.7mm) U-Cup 100R14 - 4-1/2" I.D. x 5" O.D. (114 x 127mm) O-Ring 100R19 - 1-1/8" I.D. x 1-1/4" O.D. (28.5 x 31.8mm) O-Ring 100RS3 - 1-3/4" I.D. x 2-1/8" O.D. x 3/8" (44.4 x 54.0 x 9.39mm) Rod Seal 10WS3 - 1-3/4" I.D. x 2-1/8" O.D. x 3/16" (44.4 x 54.0 x 4.76mm) Wiper Seal 100R13 - 1" O.D. x 1-1/4" O.D. O-Ring (25.4 x 31.8mm)	2 1 1 1 1 1	242
4017N4	40CU3 - 4" (101.6mm) U-Cup 100R17 - 3-5/8" I.D. x 4" O.D. (92.1 x 101.6mm) O-Ring 100R19 - 1-1/8" I.D. x 1-1/4" O.D. (28.4 x 31.7mm) O-Ring 100RS3 - 1-3/4" I.D. x 2-1/8" O.D. x 3/8" (44.4 x 54.0 x 9.39mm) Rod Seal 10WS3 - 1-3/4" I.D. x 2-1/8" O.D. x 3/16" (44.4 x 54.0 x 4.76mm) Wiper Seal 100R13 - 1" O.D. x 1-1/4" O.D. O-Ring (25.4 x 31.8mm)	2 1 1 1 1 1	248
4020N4-0	100R18 - 1" O.D. x 7/8" I.D. (25.4 x 22.2mm) O-Ring 100R17 - 4" O.D. x 3/16" (101.6 x 4.76mm) O-Ring 40PS1 - 4" (101.6mm) Piston Seal Assembly 10RS2 - 2-3/8" O.D. x 2" I.D. x 3/8" (60.2 x 50.8 x 9.39mm) Rod Seal 10WS6 - 2-1/2" O.D. x 2" I.D. x 3/8" (63.5 x 50.8 x 9.39mm) All Urethane Wiper Seal	1 1 1 1 1	306
3517N4-0	100R18 - 1" O.D. x 7/8" I.D. (25.4 x 22.2mm) O-Ring 100R8 - 3-1/2" O.D. x 3/16" (88.9 x 4.76mm) O-Ring 35PS1 - 3-1/2" (88.9mm) Piston Seal Assembly 10RS3 - 1-3/4" I.D. x 2-1/8" O.D. x 3/8" (44.4 x 54.0 x 9.39mm) Rod Seal 10WS10 - 1-3/4" I.D. x 2-1/8" O.D. x 1/4" (44.4 x 54.0 x 6.35mm) All Urethane Wiper Seal	1 1 1 1 1	305
3017N4-0	100R18 - 1" O.D. x 7/8" (25.4 x 22.2mm) I.D. O-Ring 100R3 - 3" O.D. x 3/16" (76.2 x 4.76mm) O-Ring 30PS1 - 3" (76.2mm) Piston Seal Assembly 10RS3 - 1-3/4" I.D. x 2-1/8" O.D. x 3/8" (44.4 x 54.0 x 9.39mm) Rod Seal 10WS10 - 1-3/4" I.D. x 2-1/8" O.D. x 1/4" (44.4 x 54.0 x 6.35mm) All Urethane Wiper Seal	1 1 1 1 1	304

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MAIN ROCKSHAFT CYLINDER - 4-1/2" (114.3mm) x 24" (610mm) CYLINDER - #330

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	45TU1	Tube Assembly - 4-1/2" (114.3mm) x 24" (610mm)	1
2	10SH60	Shaft - 2" (50.8mm) x 24" (610mm)	1
3	100R18	1" (25.4mm) O.D. x 7/8" (22.2mm) I.D. O-Ring	1
4	100R37	4-1/2" (114.3mm) O.D. x 3/16" (4.76mm) O-Ring	1
5	45PB1	Piston - 4-1/2" (114.3mm) O.D. x 1" (25.4mm) I.D.	1
6	45PS1	4-1/2" (114.3mm) O.D. Piston Seal Assembly	1
7	10NU4	1" (25.4mm) - 14 N.F. Hex Nut	1
8	45HP5	Head Plate - 4-1/2" (114.3mm) O.D. x 2" (50.8mm) I.D.	1
9	10RS2	Rod Seal - 2-3/8" (60.2mm) O.D. x 2" (50.8mm) I.D. x 3/8" (9.39mm)	1
10	10WS6	Wiper Seal - 2-1/2" (63.5mm) O.D. x 2" (50.8mm) I.D. x 3/8" (9.39mm) - All Urethane	1

SEAL KIT

PART NO.	DESCRIPTION	QTY. REQ'D	CYLINDER NO.
4520N4-0	100R18 - 1" (25.4mm) O.D. x 7/8" (22.2mm) I.D. O-Ring	1	330
	100R37 - 4-1/2" (114.3mm) O.D. x 3/16" (4.76mm) O-Ring	1	
	45PS1 - 4-1/2" (114.3mm) Piston Seal Assembly	1	
	10RS2 - 2-3/8" (60.2mm) O.D. x 2" (50.8mm) I.D. x 3/8" (9.39mm) Rod Seal	1	
	10WS6 - 2-1/2" (63.5mm) O.D. x 2" (50.8mm) I.D. x 3/8" (9/39mm) All Urethane Wiper Seal	1	

NOTE: ABOVE CYLINDER IS USED ON LOW PRESSURE SYSTEMS ONLY. WHEN USED, IT IS INSTALLED ON THE MAIN FRAME WITH 4" x 24" (101.6mm x 609.6mm) AND 3-1/2" X 24" (88.9mm x 609.6mm) CYLINDER USED ON WINGS.

