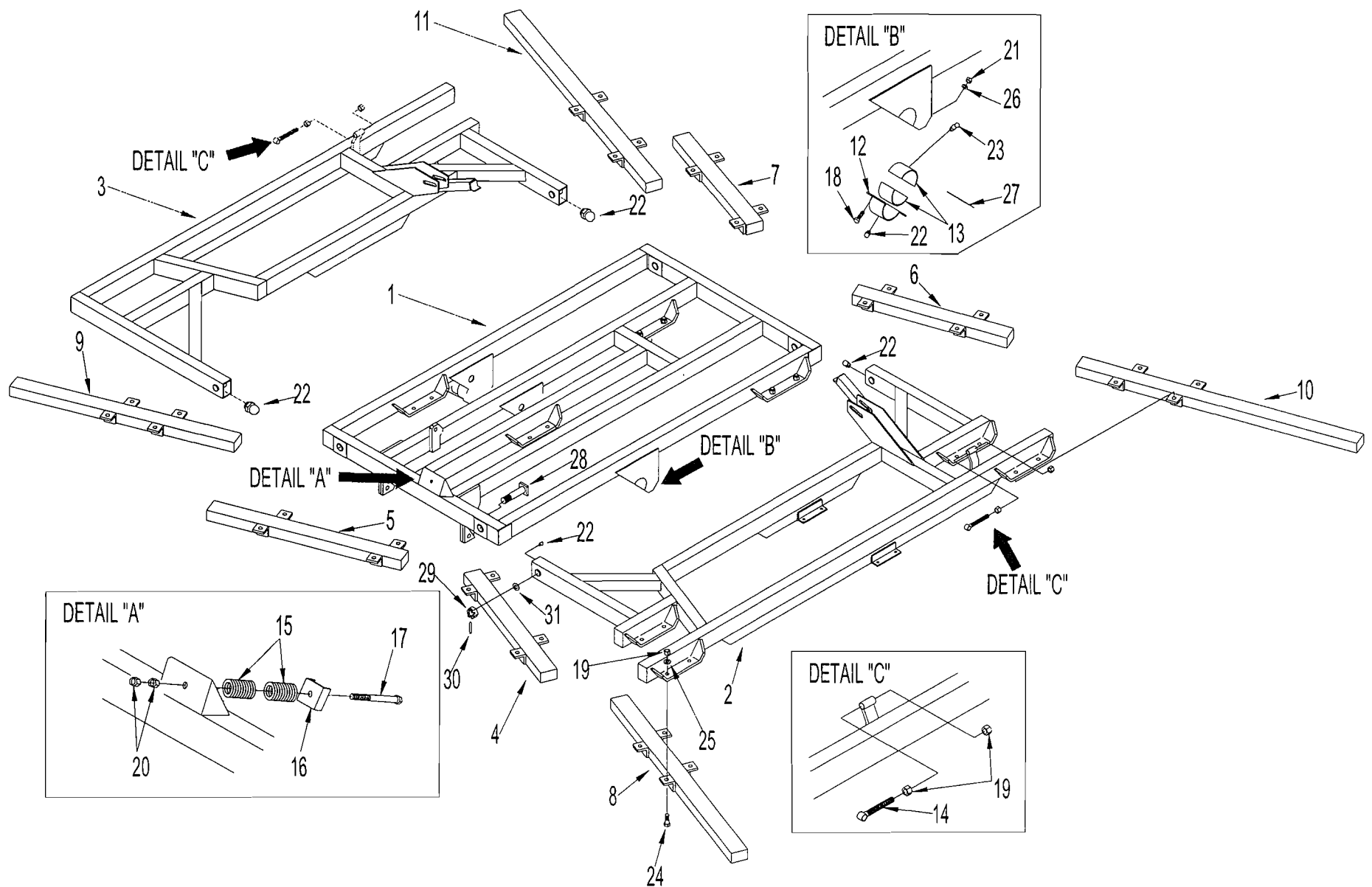


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FRAME & GANG BEAM ASSEMBLY

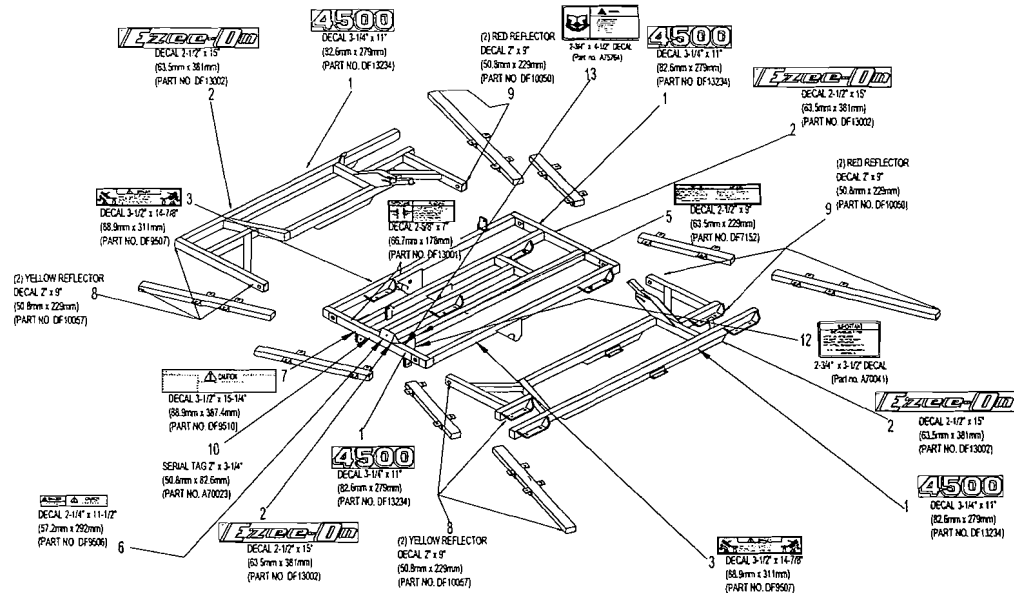
REF. NO.	PART NO.	DESCRIPTION	QTY REQ'D
1	DF13235	Main Frame - LESS rockshaft brg halves, cushion spring assembly and hinge bolts	1
2	DF13236	L.H. Wide Wing Frame - LESS cylinder l-bolts and wing lift cylinder pins.	1
3	DF13237	R.H. Wide Wing Frame - LESS cylinder l-bolts and wing lift cylinder pins.	1
4	DG13238	L.H. Front Main Frame Gang Beam - 67" (1702mm) long	1
5	DG13239	R.H. Front Main Frame Gang Beam - 67" (1702mm) long	1
6	DG13240	L.H. Rear Main Frame Gang Beam - 56" (1422mm) long	1
7	DG13241	R.H. Rear Main Frame Gang Beam - 56" (1422mm) long	1
8		9" (230mm) SPACING	
	DG13242	L.H. Front Wing Gang Beam - 51" (1295mm) long - 50 Blades	*
	DG13243	L.H. Front Wing Gang Beam - 60" (1524mm) long - 54 & 58 Blades	*
	DG13244	L.H. Front Wing Gang Beam - 70" (1778mm) long - 62 Blades	*
	DG13245	L.H. Front Wing Gang Beam - 80" (2032mm) long - 66 Blades	*
		10-1/2" (267mm) SPACING	
	DG13243	L.H. Front Wing Gang Beam - 60" (1524mm) long - 46 & 50 Blades	*
	DG13244	L.H. Front Wing Gang Beam - 70" (1778mm) long - 54 Blades	*
	DG13245	L.H. Front Wing Gang Beam - 80" (2032mm) long - 58 Blades	*
		12" (305mm) SPACING	
	DG13246	L.H. Front Wing Gang Beam - 63" (1600mm) long - 42 & 46 Blades	*
	DG13247	L.H. Front Wing Gang Beam - 76" (1930mm) long - 50 Blades	*
9		9" (230mm) SPACING	
	DG13248	R.H. Front Wing Gang Beam - 51" (1295mm) long - 50 Blades	*
	DG13249	R.H. Front Wing Gang Beam - 60" (1524mm) long - 54 & 58 Blades	*
	DG13250	R.H. Front Wing Gang Beam - 70" (1778mm) long - 62 Blades	*
	DG13251	R.H. Front Wing Gang Beam - 80" (2032mm) long - 66 Blades	*
		10-1/2" (267mm) SPACING	
	DG13249	R.H. Front Wing Gang Beam - 60" (1524mm) long - 46 & 50 Blades	*
	DG13250	R.H. Front Wing Gang Beam - 70" (1778mm) long - 54 Blades	*
	DG13251	R.H. Front Wing Gang Beam - 80" (2032mm) long - 58 Blades	*
		12" (305mm) SPACING	
	DG13252	R.H. Front Wing Gang Beam - 63" (1600mm) long - 42 & 46 Blades	*
	DG13253	R.H. Front Wing Gang Beam - 76" (1930mm) long - 50 Blades	*

REF. NO.	PART NO.	DESCRIPTION	QTY REQ'D
10		9" (230mm) SPACING	
	DG13254	L.H. Rear Wing Gang Beam - 65" (1651mm) long - 50 Blades	*
	DG13255	L.H. Rear Wing Gang Beam - 75" (1905mm) long - 54 Blades	*
	DG13256	L.H. Rear Wing Gang Beam - 84" (1905mm) long - 58 Blades	*
	DG13257	L.H. Rear Wing Gang Beam - 94" (2388mm) long - 62 Blades	*
	DG13258	L.H. Rear Wing Gang Beam - 102" (2591mm) long - 66 Blades	*
		10-1/2" (267mm) SPACING	
	DG13259	L.H. Rear Wing Gang Beam - 72" (1829mm) long - 46 Blades	*
	DG13256	L.H. Rear Wing Gang Beam - 84" (2134mm) long - 50 Blades	*
	DG13257	L.H. Rear Wing Gang Beam - 94" (2388mm) long - 54 Blades	*
	DG13260	L.H. Rear Wing Gang Beam - 106" (2692mm) long - 58 Blades	*
		12" (305mm) SPACING	
	DG13261	L.H. Rear Wing Gang Beam - 77" (1956mm) long - 42 Blades	*
	DG13262	L.H. Rear Wing Gang Beam - 90" (2286mm) long - 46 Blades	*
	DG13258	L.H. Rear Wing Gang Beam - 102" (2591mm) long - 50 Blades	*
11		9" (230mm) SPACING	
	DG13263	R.H. Rear Wing Gang Beam - 65" (1651mm) long - 50 Blades	*
	DG13264	R.H. Rear Wing Gang Beam - 75" (1905mm) long - 54 Blades	*
	DG13265	R.H. Rear Wing Gang Beam - 84" (2134mm) long - 58 Blades	*
	DG13266	R.H. Rear Wing Gang Beam - 94" (2388mm) long - 62 Blades	*
	DG13267	R.H. Rear Wing Gang Beam - 102" (2591mm) long - 66 Blades	*
		10-1/2" (267mm) SPACING	
	DG13268	R.H. Rear Wing Gang Beam - 72" (1829mm) long - 46 Blades	*
	DG13265	R.H. Rear Wing Gang Beam - 84" (2134mm) long - 50 Blades	*
	DG13266	R.H. Rear Wing Gang Beam - 94" (2388mm) long - 54 Blades	*
	DG13269	R.H. Rear Wing Gang Beam - 106" (2692mm) long - 58 Blades	*
		12" (305mm) SPACING	
	DG13270	R.H. Rear Wing Gang Beam - 77" (1956mm) long - 42 Blades	*
	DG13271	R.H. Rear Wing Gang Beam - 90" (2286mm) long - 46 Blades	*
	DG13267	R.H. Rear Wing Gang Beam - 102" (2591mm) long - 50 Blades	*
12	DFA5041	Rockshaft Bearing Cap - plain, non-reinforced type	3
13	DR5259	Rockshaft Bearing Liner Half	6
14	DFA9564	1-1/4" (31.7mm) N.C. I-Bolt Cylinder Lug	2
15	DGS187	5" (127mm) Long Compression Spring	2
16	DF10046	Spring Cushion Plate	1
17	B100140	1" (25.4mm) x 1 1/4" (356mm) N.C. Hex Bolt	1
18	B075025	3/4" (19mm) x 2-1/2" (63.5mm) N.C. Hex Bolt	6
19	BN125	1-1/4" (31.7mm) N.C. Hex Nut	36
20	BN100	1" (25.4mm) N.C. Hex Nut	2
21	BN075	3/4" (19mm) N.C. Hex Nut	6
22	10GN1	1/4" (6.35mm) - 28 Straight Grease Fitting - bottom	7
23	10GN2	1/4" (6.35mm) - 28 - 45 Degree Grease Fitting - top	3
24	B125035	1-1/4" (31.7mm) x 3-1/2" (88.9mm) N.C. Hex Bolt	32
25	8W125L	1-1/4" (31.7mm) Lockwasher	32
26	8W075L	3/4" (19mm) Lockwasher	6
27	DF5063	Rockshaft Bearing Cap Shim	*
28		1-15/16" (49.0mm) Dia. X 12-1/2" (317.5mm) Hinge Bolt	4
29	DG82	2" N.C. (50.8mm) Hex Slotted Nut	4
30	DG83	3/8" x 3" (9.4mm x 76.2mm) Cotter Pin	4
31	DH3	4" O.D. x 2" I.D. x 1/2" (102mm x 50.8mm x 12.7mm) Washer	4

* As Required

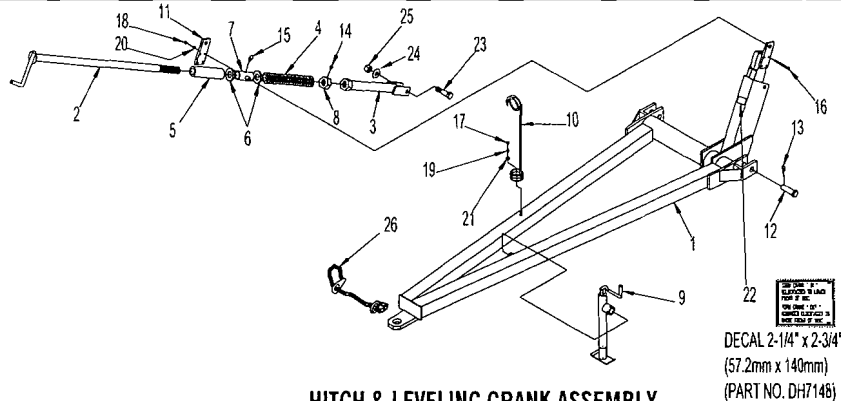
NOTE: To determine gang beam lengths for your machine, see gang chart on page 40.

MODEL 4500 DISC



DECALS (FRAME AND GANG BEAM)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DF13234	4500 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	*

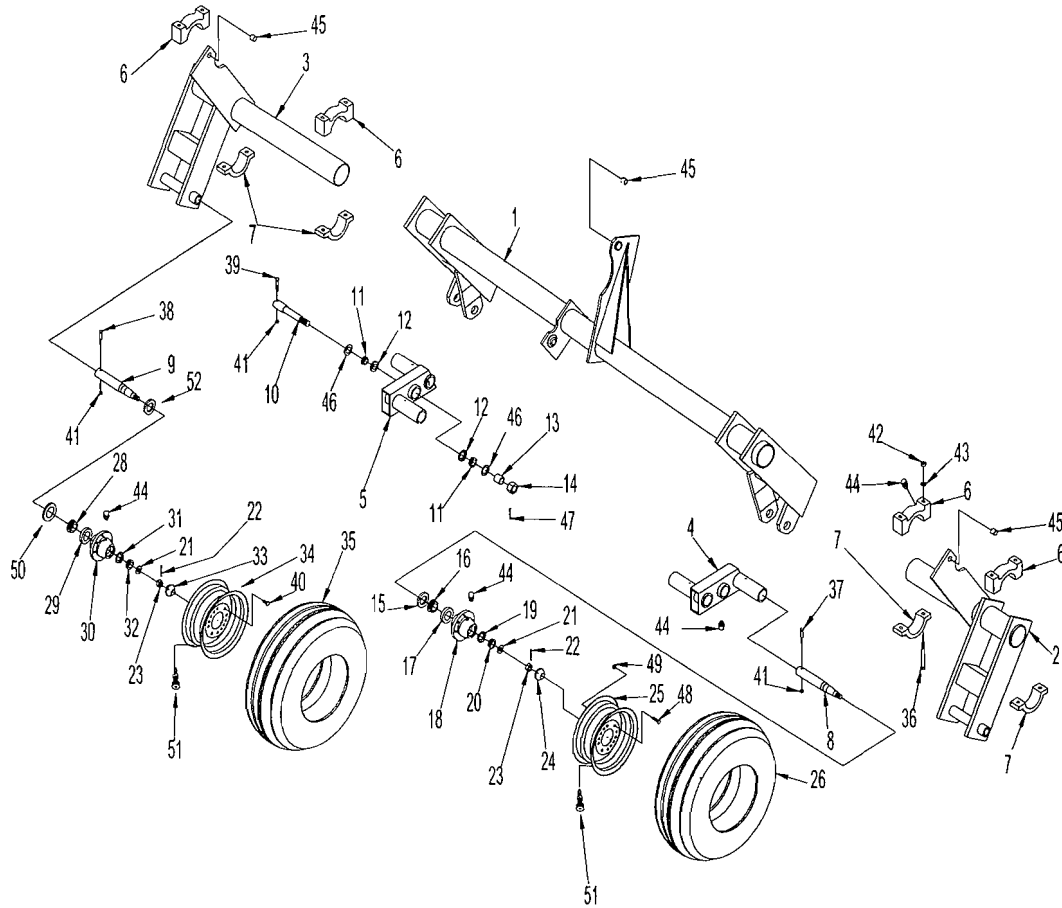


HITCH & LEVELING CRANK ASSEMBLY

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" (425mm) Pipe Length	1
4	DC9618	Compression Spring	1
5	DC13098	Spacer Tube (2-3/8" (60.2mm) O.D. x 3/16" (4.76mm) I.D. x 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	---	1/2" (12.7mm) x 1" (25.4mm) N.C. Square Head Set Screw	1

REF. NO	PART. NO	DESCRIPTION	QTY. REQ'D
15	10GN1	1/4" (6.35mm) - 28 Straight Grease Fitting	1
16	B050050	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	BW17568706F	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 (9165 Kgs)	1

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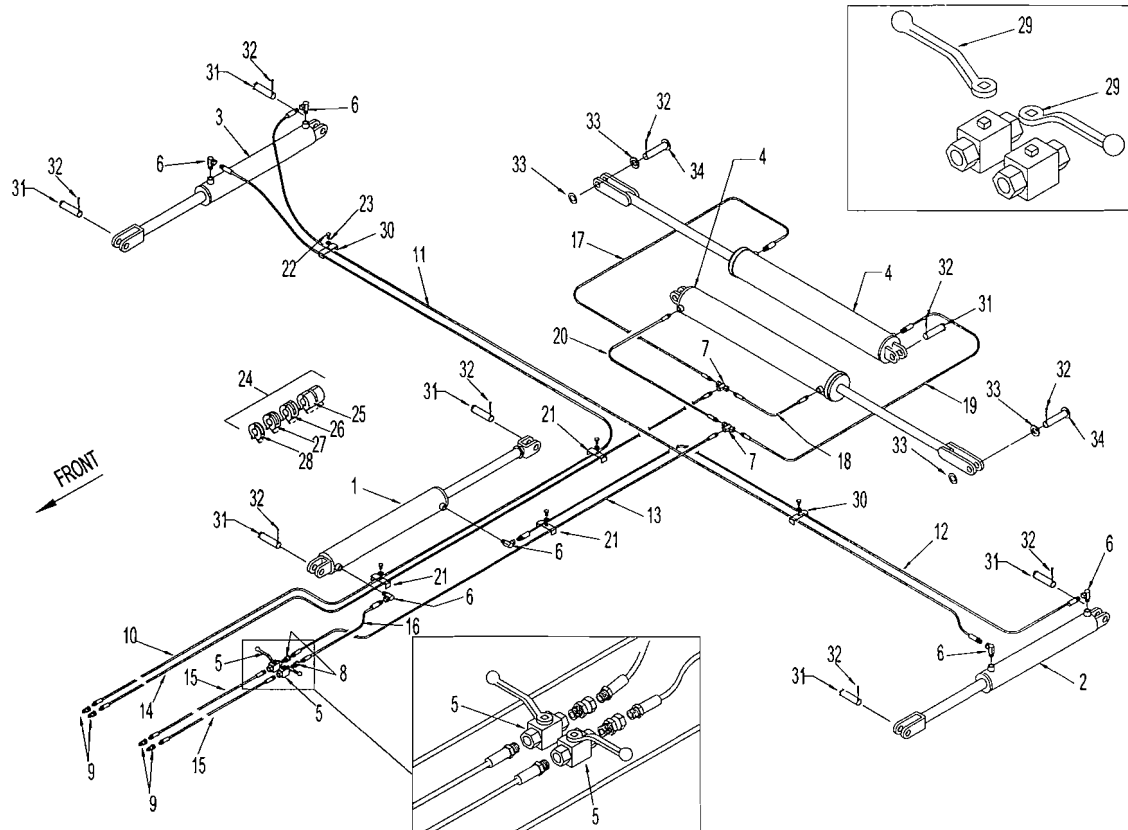


ROCKSHAFT & WHEEL ASSEMBLY - w/MAIN FRAME WALKING BEAMS

REF. NO	PART. NO	DESCRIPTION	QTY. REQ'D	REF. NO	PART. NO	DESCRIPTION	QTY. REQ'D
1	DRA13133	Main Frame Rockshaft	1	25	S81509	15" (381mm) x 10" (254mm) x 8 Bolt Rim - (requires metal valve stem)	4
2	DRA13093	L.H. Narrow and Wide Wing Rockshaft - 41"	*	26	11L15FIF	11SL x 15 "F" FI Tire	4
3	DRA13095	R.H. Narrow and Wide Wing Rockshaft - 41"	*	27	DR122	Grease Seal	4
4	DRA13131	L.H. Walking Beam Main Frame	1	28	DR120	Cone Bearing - #LM25580	4
5	DRA13130	R.H. Walking Beam Main Frame	1	29	DR118	Cup - #LM25520	4
6	DR8601T	Rockshaft Bearing - bottom half	4	30	DRA9	618 Hub c/w Cups	4
7	DR8601B	Rockshaft Bearing - top half	4	31	DR92	Cup - #LM48510	4
8	DR13004	812 Spindle - 13-3/4" (348mm)	4	32	DR91	Cone Bearing - #LM48548	4
9	DR7156	618 Spindle - 1	4	33	DR123	Hub Cap	4
10	DR13007	4-1/2" (368mm)	2	34	C60160	15" (381mm) x 8" (203mm) - 6 Bolt Rim - (requires metal valve stem)	4
11	DR13124	Walking Beam Pivot Bolt - Main Frame Rockshaft	4	35	11L15FID	11SL x 15 "D" FI Tire	4
12	DR13125	Cone Bearing #25877	4	36	B075065	3/4" (19mm) x 6-1/2" (165mm) N.C. Hex Bolt	4
13	DR13008	Bearing Cup #25821	4	37	B050045	1/2" (12.7mm) x 4-1/2" (114.3mm) N.C. Hex Bolt	4
14	DR13126	Sleeve Pivot Pin	2	38	B050035	1/2" (12.7mm) x 3-1/2" (88.9mm) N.C. Hex Bolt (plated)	4
15	DR9680	1-1/4" (31.7mm) N.F. Slotted Hex Nut	4	39	B050030	1/2" (12.7mm) x 3" (76.2mm) N.C. Hex Bolt (plated)	4
16	DR9684	Grease Seal #SE-17	4	40	DR125	9/16" (14.2mm) N.F. x 1-1/8" (28.5mm) Wheel Bolt	56
17	DR9682	Inner Cone Bearing #3780	4	41	BN050L	1/2" (12.7mm) N.C. Nylon Locknut (plated)	10
18	DR9679	Inner Cup #3720	4	42	BN075	3/4" (19mm) N.C. Hex Nut (plated)	8
19	DR9683	Hub c/w cups - 8 bolt	4	43	BW075L	3/4" (19mm) Lockwasher (plated)	8
20	DR9685	Outer Cup #2720	4	44	LOGN1	1/4" (6.35mm) - 28 Straight Grease Fitting	18
21		Outer Cone Bearing #2790	4	45	OR13120	1-1/4" (31.8mm) I.D. x 1-1/4" (31.8mm) Long Steel Insert	3
	BW20010614F	2" (50.8mm) O.D. x 1-1/16" (25.5mm) I.D. x .140" (3.55mm) Flatwasher	4	46	DR13121	Seal - P/N 18823	4
22	BP18125		4	47	BP31200	5/16" (7.8mm) x 2" (50.8mm) Cotter Pin	2
23	DR110	3/16" (4.76mm) x 1-1/4" (31.7mm) Cotter Pin	4	48	DR9671	9/16" (14.2mm) N.F. x 1-11/16" (42.7mm) Wheel Bolt	32
24	DR9681	1" (25.4mm) N.F. Hex Slotted Nut	4	49	OR9672	9/16" (14.2mm) N.F. Hex Nut	32
		Hub Cab		50	DR13191	Seal Cup - spindle mounted seal	4
				51	C60154	Valve Stem - metal	8
				52	OR13190	Grease Seal - spindle mounted type	4

* As Required

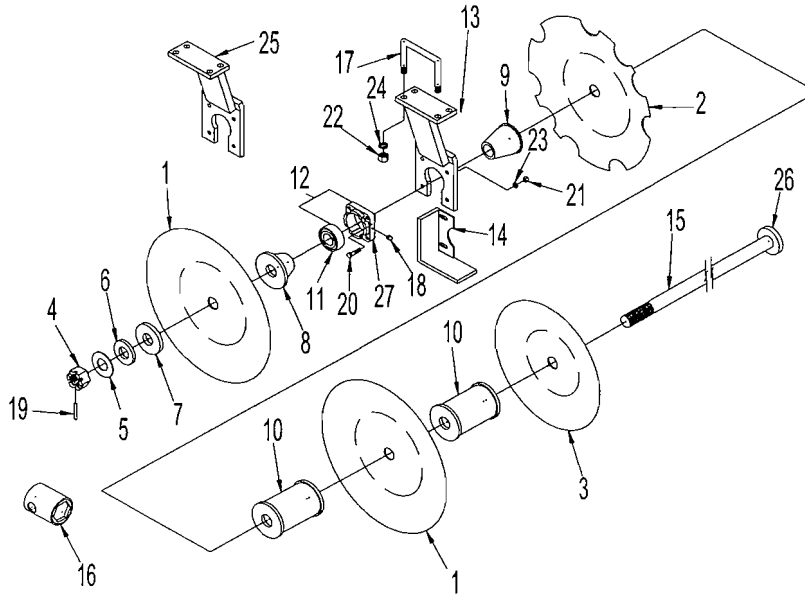
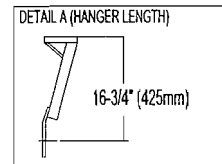
MODEL 4500 DISC



HYDRAULIC ASSEMBLY

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	16	D4462	3/8" x 25" (9.39mm x 635mm) Hydraulic Hose c/w 3/8" (9.39mm) End & 1/2" End	1
2	305	3-1/2" x 24" (88.9mm x 610mm) Hydraulic Cylinder	1	17	D4358	1/4" x 42" (6.35mm x 1067mm) Hydraulic Hose c/w 3/8" (9.39mm) Ends	1
3	304	3" x 24" (76.2mm x 610mm) Hydraulic Cylinder	1	18	I2937	1/4" x 30" (6.35mm x 762mm) Hydraulic Hose c/w 3/8" (9.39mm) Ends	1
4	248	5" x 36" (127mm x 914mm) Wing Lift Cylinder	2	19	L2911	3/8" x 54" (9.39mm x 1372mm) Hydraulic Hose c/w 3/8" (9.39mm) Ends	1
5	DL13099	Hydraulic Lockout Valve	2	20	L2910	3/8" x 42" (9.39mm x 1067mm) Hydraulic Hose c/w 3/8" (9.39mm) Ends	1
6	DL9775	1/2" (12.7mm) x 90 Degree Swivel Street Elbow	6	21	DL13186	4 Line Hose Clamp	3
7	DL9767	3/8" (9.39mm) Female Swivel Tee	2	22	B050075	1/2" x 3/4" (12.7mm x 19mm) N.C. Hex Bolt (Plated)	7
8	L1619	3/8" (9.39mm) Male-Female Swivel	2	23	BW050L	1/2" (12.7mm) Lockwasher (Plated)	7
9	L397	1/2" (12.7mm) Male Tip	4	24	C50716	Wadler Universal Stroke Control Segments (8-3/4" (222mm) package)	2
10	D4459	3/8" x 393" (9.39mm x 9982mm) Hydraulic Hose c/w 1/2" (12.7mm) Ends	1	25	C50717	4-1/4" (108mm) Depth Stop	2
11	D4460	3/8" x 225" (9.39mm x 5715mm) Hydraulic Hose c/w 1/2" (12.7mm) Ends	1	26	C50714	2" (50.8mm) Depth Stop	2
12	D4461	3/8" x 185" (9.39mm x 4699mm) Hydraulic Hose c/w 1/2" (12.7mm) Ends	1	27	C50712	1-1/2" (38.1mm) Depth Stop	2
13	P4344	3/8" x 104" (9.39mm x 2642mm) Hydraulic Hose c/w 3/8" (9.39mm) Ends	1	28	C50711	1" (25.4mm) Depth Stop	2
14	D4362	3/8" x 278" (9.39mm x 7061mm) Hydraulic Hose c/w one 3/8" (9.39mm) End x one 1/2" (12.7mm) End	1	29	DL13122	Handle Only - Hyd. Valve Lockout Valve Handle Only - HBVD40608	2
15	L2922	3/8" x 168" (9.39mm x 4267mm) Hydraulic Hose c/w one 1/2" (12.7mm) End and one 3/8" (9.39mm) end	2	30	DL9766	2 Line Hose Clamp - 1/2" (12.7mm) Hose	4
				31	DR5262	1-1/4" dia. x 4-3/4" (31.7mm x 120.6mm) Cylinder Pin	8
				32	BP31175	5/16" x 1-3/4" (7.87mm x 44.4mm) Cotter Pin	10
				33	DF5068	2" O.D. x 1-5/16" I.D. x 1/4" (50.8mm x 33.3mm x 6.35mm) Flatwasher	4
				34	S81856	1-1/4" Dia. X 5-13/16" (31.7mm x 147.6mm) long (under head to centre of hole) Cylinder Pin	2

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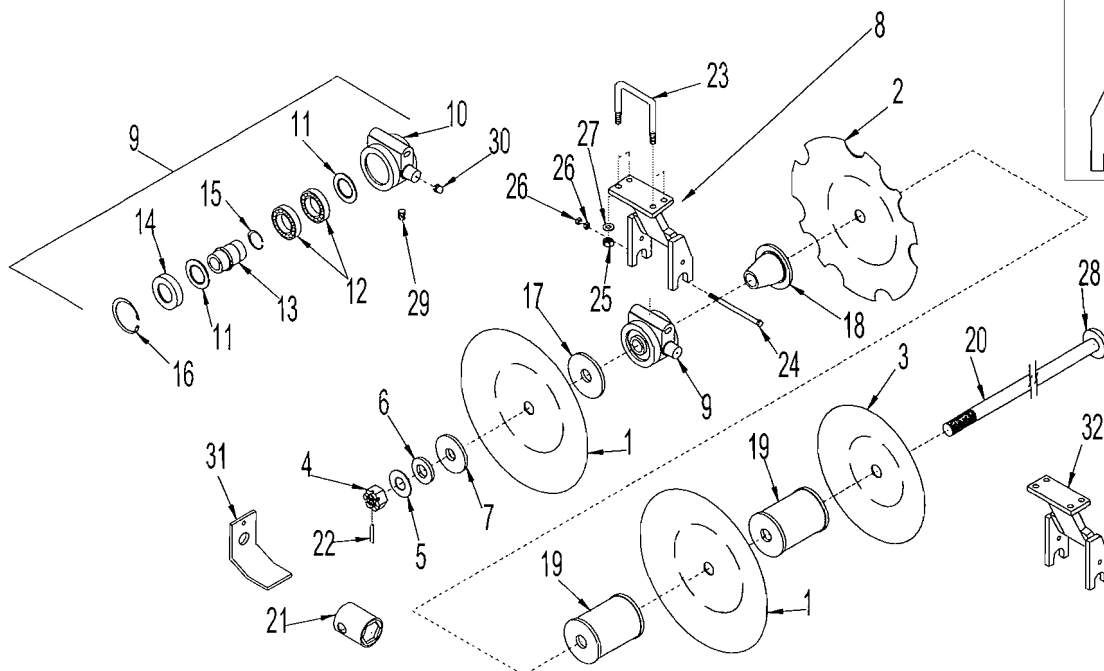


DISC GANG (WITH STANDARD HANGERS FOR 410WSS BEARINGS) - 9\"

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D	REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DG76	24\" (610mm) x 9/32\" (7mm) Plain Blade	*	15	DGA65	GANG BOLT FOR 9\" (230mm) SPACING	*
	DG137	24\" (610mm) x 5/16\" (8mm) Plain Blade	*		DGA66	5 Blade Gang Bolt - 43-3/4\" (1111mm) Long	*
	DG74	26\" (660mm) x 5/16\" (8mm) Plain Blade	*		DGA67	6 Blade Gang Bolt - 53\" (1346mm) Long	*
	DG107	26\" (660mm) x 3/8\" (9mm) Plain Blade	*		DGA68	7 Blade Gang Bolt - 62-3/4\" (1594mm) Long	*
	DG157	26\" (660mm) x 5/16\" (8mm) Plain Cone Blade	*		DGA69	8 Blade Gang Bolt - 72\" (1829mm) Long	*
	DG130	28\" (711.2mm) x 3/8\" (9mm) Plain Blade	*		DGA70	9 Blade Gang Bolt - 81\" (2057mm) Long	*
2	DG138	(2\" (50.8mm) hole)	*		DGA71	10 Blade Gang Bolt - 90-1/2\" (2299mm) Long	*
	DG75	24\" (610mm) x 5/16\" (8mm) Notched Blade	*		DGA72	11 Blade Gang Bolt - 99-3/4\" (2534mm) Long	*
	DG87	26\" (660mm) x 5/16\" (8mm) Notched Blade	*		DGA72	12 Blade Gang Bolt - 109\" (2769mm) Long	*
	DG20051	26\" (660mm) x 3/8\" (9mm) Notched Blade	*			GANG BOLT FOR 10-1/2\" (267mm) SPACING	
		28\" (711.2mm) x 3/8\" (9mm) Notched Blade 2\" (50.8mm) hole	*		DGA116	5 Blade Gang Bolt - used with out board bearing - 58-1/2\" (1486mm) Long	*
3	DG149	20\" (508mm) x 6mm (.236\") Plain Outtrigger Blade	*		DGA75	5 Blade Gang Bolt - 49-1/2\" (1257mm) Long	*
	DG64	22\" (559mm) x 6mm (.236\") Plain Outtrigger Blade	*		DGA76	6 Blade Gang Bolt - 61\" (1549mm) Long	*
	DG76	24\" (610mm) x 7mm (.275\") Plain Outtrigger Blade	*		DGA77	7 Blade Gang Bolt - 71-1/2\" (1816mm) Long	*
4	DG82	2\" (50.8mm) N.C. Heavy Hex. Slotted Nut	2		DGA78	8 Blade Gang Bolt - 82-1/4\" (2089mm) Long	*
5	DG89	1/4\" (6.35mm) Shim Washer	*		DGA79	9 Blade Gang Bolt - 93\" (2362mm) Long	*
6	DG88	1/2\" (12.7mm) Shim Washer	*		DGA80	10 Blade Gang Bolt - 104\" (2642mm) Long	*
7	DG13185	5-1/2\" (138mm) O.D. x 2\" (50.8mm) I.D. x 3/4\" (19.0mm) Head Washer - used with 24\" blades	*	16	DGA35	Socket Wrench	1
	DG13184	6\" (152mm) O.D. x 2\" (50.8mm) I.D. x 1\" (25.4mm) Head Washer - used with 26\" & 28\" blades	*	17	DG5379	7/8\" (22.2mm) x 6\" (152.4mm) x 5-7/8\" (149mm) Long U-Bolt	*
8	DGA106	9\" (230mm) & 10-1/2\" (267mm) Spacing Short Half Spool For 410WSS BRG. 3-1/4\" (82.6mm) Long (Convex Side) w/6\" (152mm) Washer	*	18	10GN1	1/4\" (6.35mm) - 28 Grease Fitting	2
9	DGA103	9\" (230mm) Spacing Long Half Spool For 410WSS Bearings, 3-11/16\" (94mm) Long (Concave Side)	*	19	DG10310	7/16\" (10.9mm) x 3\" (76.2mm) Lock Pin	*
	DGA131	10-1/2\" (267mm) Spacing Long Half Spool For 410WSS Bearings, 5-1/4\" (133mm) Long (Concave Side)	*	20	B062022	5/8\" (15.7mm) x 2-1/4\" (57.2mm) N.C. Hex. Bolt - Gr.5	*
10	DGA100	9\" (230mm) Spacing Spool - 6\" (152mm) Dia. Both Ends	*		B062025	5/8\" (15.7mm) x 2-1/2\" (57.2mm) N.C. Hex. Bolt - Gr.5 - used with bearing guard	*
	DGA101	10-1/2\" (267mm) Spacing Spool - 6\" (152mm) Dia. Both Ends	*	21	BN062	5/8\" (15.7mm) N.C. Hex. Nut	*
11	DG108	410WSS Greaseable Bearing (2-1/16\" (52mm) Wide)	*	22	BN087	7/8\" (22.2mm) N.C. Hex. Nut	*
12	DGB109	410WSS Bearing c/w Housing And Grease Fitting (2-1/16\" (52mm) Bearing Width)	*	23	BW062L	5/8\" (15.7mm) Lockwasher	*
13	DGA7183	Standard Bearing Hanger - 410WSS Bearing	*	24	BW087L	7/8\" (22.2mm) Lockwasher	*
14	DGA40	Front L.H. & Rear R.H. Bearing Guard - 410WSS Bearing	*	25	DGA7184	2\" (50.8mm) Offset Hanger - 410WSS Bearing	*
	DGA39	Rear R.H. and Front L.H. Bearing Guard - 410WSS Bearing	*	26	DGA5370	5\" (127mm) Gang Washer- Weld-On Housing - 410WSS Bearing	*
				27	DG96		*

*As Required

MODEL 4500 DISC

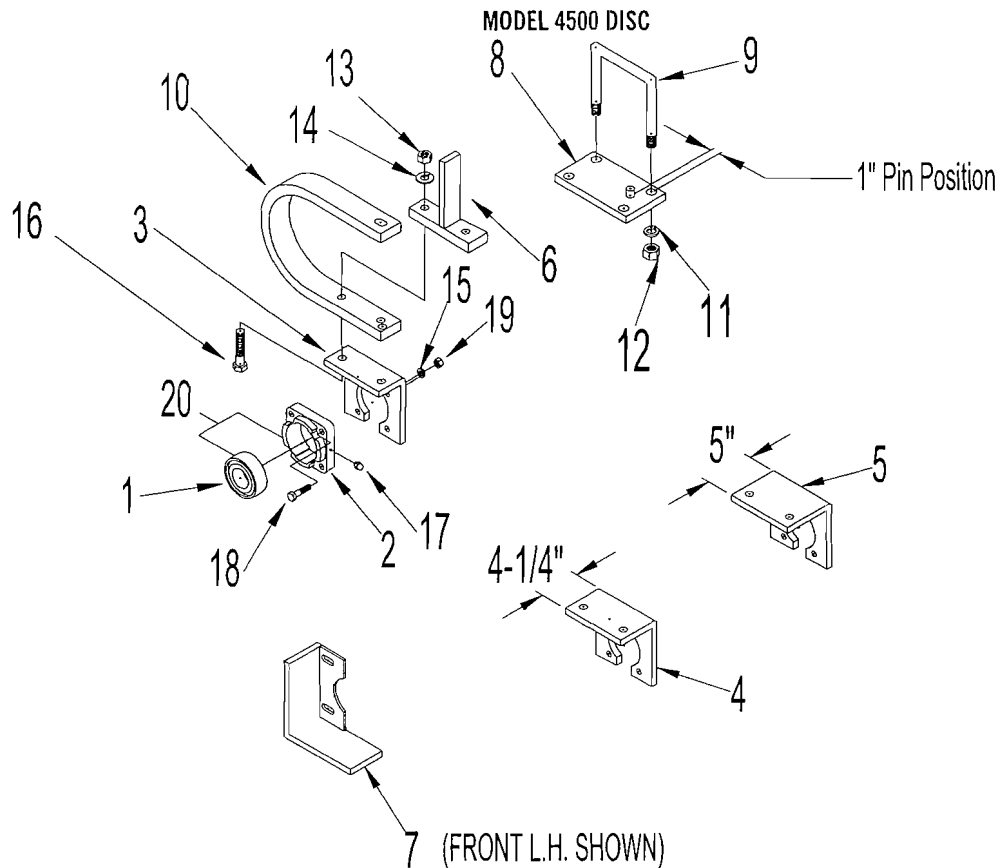


DISC GANG (WITH STANDARD HANGERS FOR T2-215 BEARINGS) - 9" (230mm), 10-1/2"(267mm) & 12" (305mm) SPACING (used with Hanger Mounted Scraper Bars)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	---	Refer to Ref. No. 1 on Page 60 for Plain Blades	
2	---	Refer to Ref. No. 2 on Page 60 for Notched Blades	
3	---	Refer to Ref. No. 3 on Page 60 for Outrigger Blades	
4	DG82	2" (50.8mm) NC Heavy Hex Slotted Nut	*
5	DG89	1/4" (6.35mm) Shim Washer	*
6	DG88	1/2" (12.7mm) Shim Washer	*
7	DG13185	5-1/2" (138mm) O.D. x 2" (50.8mm) I.D. x 3/4" (19.0mm) Head Washer - used with 24" blades	*
	DG13184	6" (152mm) O.D. x 2" (50.8mm) I.D. x 1" (25.40mm) Head Washer - used with 26" & 28" blades	*
8	DGA13162	Std. Trunion Mounted Bearing Hanger w/o scraper tail - (See Detail A above for length)	*
9	DG9900	Housing c/w Bearings, Seals, Sleeve, Snap Ring, & Cap (T2-215 Series)	*
10	DG9901	Housing Only (T2-215 Series)	*
11	DG9905	Bearing Seal (National #200322)	*
12	DG9904	#6215 Ball Bearing (Modified)	*
13	DG9906	5" (127mm) Sleeve	*
14	DG9902	Bearing Housing Cap	*
15	DG9911	External Snap Ring (Philip French #D1400-75)	*
16	DG9910	Internal Snap Ring (Philip French #D1300-130)	*
17	DGA10563	9" (230mm) & 10-1/2" (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	*

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
20		Refer to Ref. No. 15 on Page 60 for Gang Bolts For 9" (230mm) and 10-1/2" (267mm) Spacing	
		GANG BOLT FOR 12" (305mm) SPACING	
	DGA114	4 Blade Gang Bolt - 44-1/4" (1124mm) Long	*
	DGA117	5 Blade Gang Bolt - used with outboard bearing - 65-1/4" (1657mm)	*
	DGA87	5 Blade Gang Bolt - normal - 56-1/2" (1435mm) Long	*
	DGA115	6 Blade Gang Bolt - 68-3/4" (1746mm) Long	*
	DGA69	7 Blade Gang Bolt - 81" (2057mm) Long	*
	DGA79	8 Blade Gang Bolt - 93" (2362mm) Long	*
	DGA118	9 Blade Gang Bolt - 105-3/4" (2686mm) Long	*
21	DGA35	Socket Wrench	*
22	DG10310	7/16" (10.9mm) x 3" (76.2mm) Lock Pin	*
23	DG5379	7/8" (22.2mm) x 6" (152mm) x 5-7/8" (149mm) Long U-Bolt (Plated)	*
24	BO62100	5/8" (15.7mm) x 10" (254mm) N.C. Hex Bolt Gr.5 (Plated) - Used on machines less bearing	*
	BO62110	5/8" (15.7mm) x 11" (279.4mm) N.C. hex bolt Gr. 5 (Plated) - Used on machines equipped w/bearing	*
25	BN087	7/8" (22.2mm) N.C. Hex Nut (Plated)	*
26	BN062	5/8" (15.7mm) N.C. Hex Nut (Plated)	*
27	BW087L	7/8" (22.2mm) Lockwasher (Plated)	*
28	DGA5370	5-1/2" (139.7mm) Gang Washer - Weld On	*
29	DG9912	Set Screw - 1/4" (6.35mm) N.C. x 1/2" (12.7mm) Long	*
30	10GN1	1/4" (6.35mm) - 28 Straight Grease Fitting	*
31	DG10590	Bearing Guard - T2-215 Bearing	*
32	DGA13163	2" (50.8mm) Offset Trunion Mounted Bearing Hanger w/o scraper tail - See Detail A above for lengths	*
	DGA13164	3-1/2" (88.9mm) Offset Trunion Mounted Bearing Hanger w/o scraper tail - See Detail A above for lengths	*

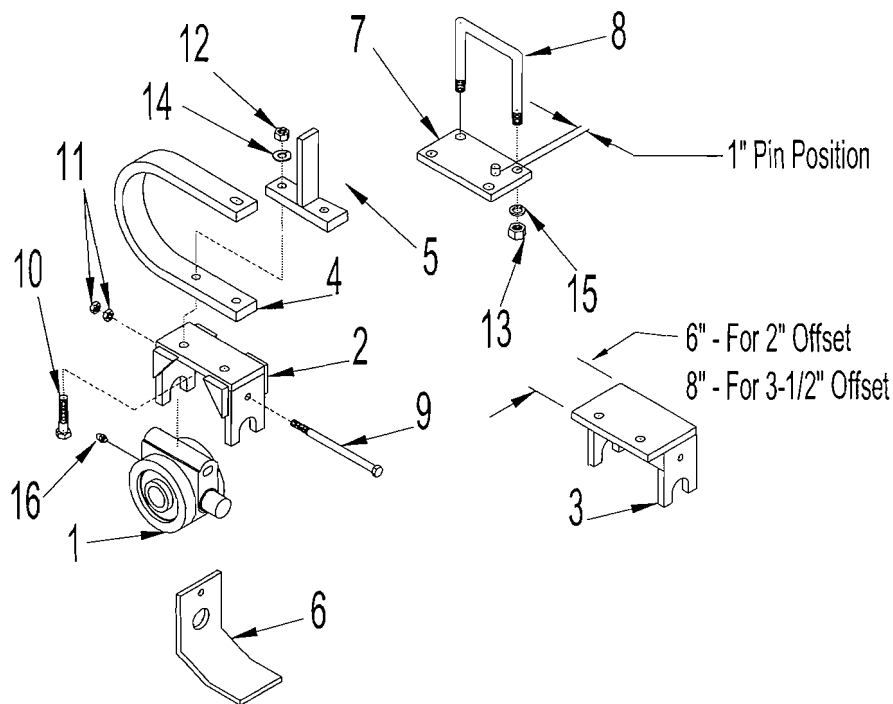
* As Required



**STONE FLEX HANGER FOR 410WSS BEARINGS (OPTIONAL)
(INDEPENDENTLY MOUNTED SCRAPER BAR ARM)**

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DG108	410WSS Series Greaseable Bearing - 2-1/16" (52mm) Wide	*
2	DG96	Housing - 410WSS Bearing	*
3	DG5324	Standard Mounting Bracket For 410WSS Bearing	*
4	DGA5376	1-1/2" (38.1mm) Offset Mounting Bracket - 410WSS Bearing	*
5	DGA5341	2" (50.8mm) Offset Mounting Bracket - 410WSS Bearing	*
6	DG5338	Scraper Bar Support - Independently Mounted Scraper Bar	*
7	DGA40 DGA39	Front L.H. and Rear R.H. Bearing Guard Rear R.H. and Front L.H. Bearing Guard	*
8	DGA5327	Backing Plate - used with independently 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	BW062L	5/8" (15.7mm) Lockwasher	*
16	B075035	3/4" (19mm) x 3-1/2" (88.9mm) N.C. Hex. Bolt	*
17	10GN1	1/4" (6.35mm) - 28 Straight Grease Fitting	*
18	B062022 B062025	5/8" (15.7mm) x 2-1/4" (57.2mm) N.C. Hex. Bolt 5/8" (15.7mm) x 2-1/2" (63.5mm) N.C. Hex. Bolt - used with bearing guard	*
19	BN062	5/8" (15.7mm) N.C. Hex. Nut	*
20	DGB109	410WSS Bearing c/w Housing and Grease Fitting - 2-1/16" (52mm) Bearing Width	*

* As Required

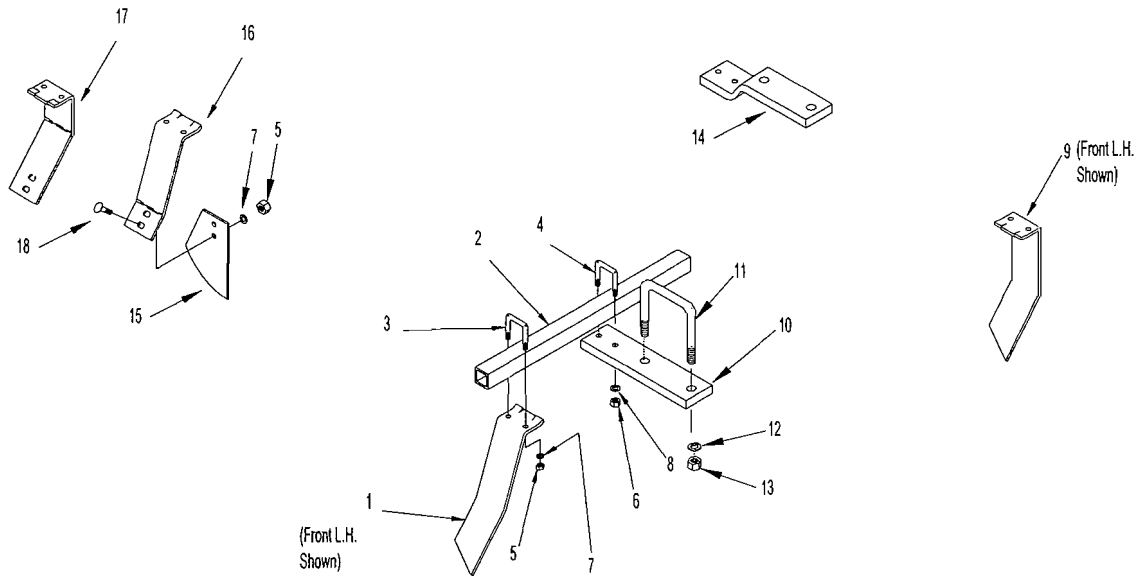


STONE FLEX HANGER FOR T2-215 SERIES BEARINGS (OPTIONAL)
(Independently Mounted Scraper Bar)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DGB9900	T2-215 Bearing Assembly (See Page 53 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	DGA5338	Shank Stop - Independently Mounted Scrapers Only	*
6	DG10590	Bearing Guard - T2-215 Bearing	*
7	DGA5327	Backing Plate - Independently 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	*

*As Required

MODEL 4500 DISC

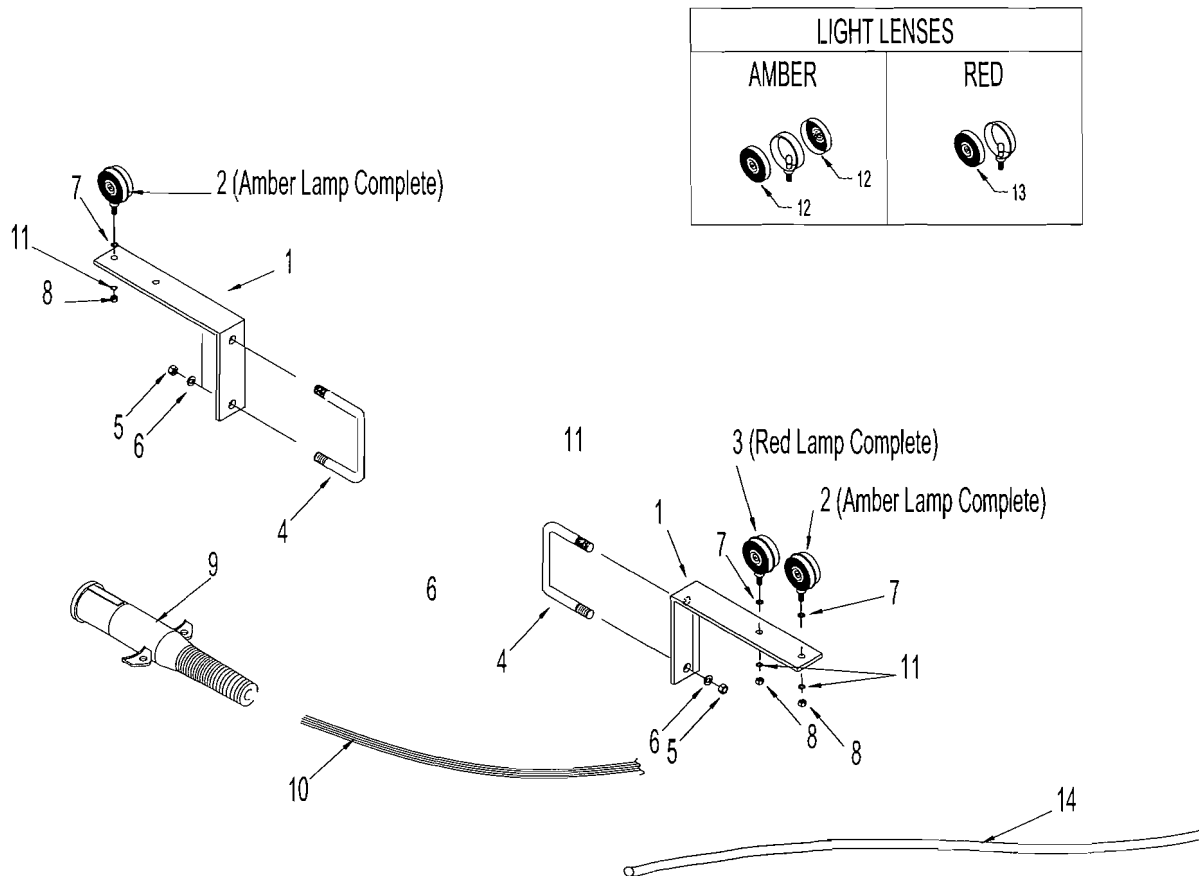


SCRAPER AND SCRAPER BAR ASSEMBLY (Independently Mounted Scraper Bar)

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 DS57 DS67 DS72 DS81 DS91 DS99 DS108	SCRAPER BARS FOR 9" (230mm) SPACING 5 Blade Gang Scraper Bar - 48-1/2" (1232mm) 6 Blade Gang Scraper Bar - 57-1/2" (1461mm) 7 Blade Gang Scraper Bar - 67" (1702mm) 8 Blade Gang Scraper Bar - 72" (1829mm) - 90 deg Scraper 9 Blade Gang Scraper Bar - 81" (2057mm) - 90 deg Scraper 10 Blade Gang Scraper Bar - 91" (2311mm) - 90 deg Scraper 11 Blade Gang Scraper Bar - 99" (2515mm) - 90 deg Scraper 12 Blade Gang Scraper Bar - 108" (2743mm) - 90 deg Scraper	* * * * * * * *
	DS51 DS65 DS66 DS87 DS82 DS93 DS108	SCRAPER BARS FOR 10-1/2" (267mm) SPACING 5 Blade Gang Scraper Bar - 51-1/2" (1308mm) 6 Blade Gang Scraper Bar - 65-1/2" (1664mm) 7 Blade Gang Scraper Bar - 56-1/2" (1435mm) - 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 - 93" (2362mm) - 90 deg Scraper 10 Blade Gang Scraper Bar - 108" (2743mm) - 90 deg Scraper	* * * * * * *
	DS48 DS61 DS57 DS73 DS85 DS81 DS97 DS93 DS110 DS106	SCRAPER BARS FOR 12" (305mm) SPACING 4 Blade Gang Scraper Bar - 48-1/2" (1232mm) 5 Blade Gang Scraper Bar - 61" (1549mm) 5 Blade Gang Scraper Bar - 57-1/2" (1461mm) - 90 deg Scraper 6 Blade Gang Scraper Bar - 73" (1854mm) 7 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	* * * * * * * * * *
3	DG5308	1/2" (12.7mm) x 2" (50.8mm) U-bolt (Plated)	*
4	DG5309	5/8" (15.7mm) x 2" (50.8mm) U-bolt (Plated)	*
5	BN050	1/2" (12.7mm) N.C. Hex. Nut (Plated)	*
6	BN062	5/8" (15.7mm) N.C. Hex. Nut (Plated)	*
7	BW050L	1/2" (12.7mm) Lockwasher (Plated)	*
8	BW062L	5/8" (15.7mm) Lockwasher (Plated)	*
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	Mount Plate - Scraper Bar	*
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	DG5302	Offset Scraper Mount - Scraper Bar	*
15	DG7190	Wide Pan Scraper	*
16	DG7191	Scraper Holder - Wide Pan Scraper	*
17	DG7192	90 Deg. Scraper Holder - Wide Pan Scraper	*
18	B050012C	1/2" x 1-1/4" (12.7mm x 31.7mm) N.C. Carriage Bolt	*

*As Required

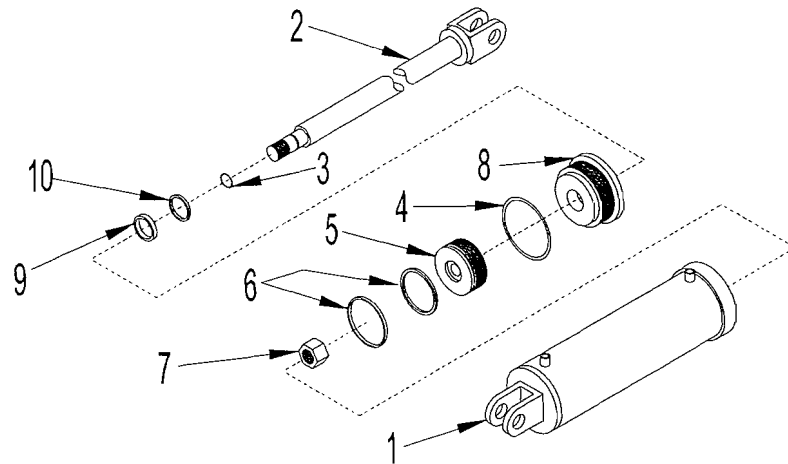
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WARNING LIGHT KIT (OPTIONAL)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	LK6412	Lamp Support	2
2	LK6422	Amber Lamp c/w Washers and Nut	2
3	LK6401	Red Lamp c/w Washers and Nut	1
4	DG13145	3/4" x 6-7/8"cc x 5-3/4" (19.0mm x 174.5mm x 146.0mm) U-Bolt	2
5	BN075	3/4" (19.0mm) N.C. Hex Nut	4
6	BW075L	3/4" (19.0mm) Lockwasher (Plated)	4
7	LK6406	1-1/8" (28.6mm) x 1/2" 1/2" (12.7mm) Rubber Washer	3
8	LK6407	1/2" (12.7mm) Hex Nut - N.F. Fine 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 4500 DISC



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

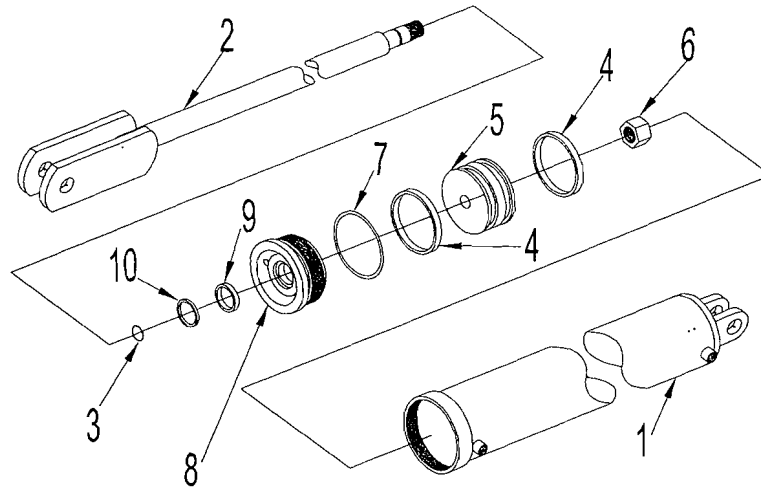
L.H. WING ROCKSHAFT CYLINDER - 3-1/2" (88.9mm) x 24" (610mm) CYLINDER - #305

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) All Urethane Wiper Seal	1

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 - 5" (127mm) x 36" (914mm) CYLINDER - #242

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	50TU8	Tube Assembly - 5" (127mm) x 36" (914mm) (for cylinder #242)	1
2	10SH36	Shaft - 1-3/4" (44.4mm) x 36" (914mm) (for 1-1/4" (31.8mm) nut)	1
3	100R19	1-1/8" (28.5mm) I.D. x 1-1/4" (31.8mm) O.D. O-Ring (for 1-1/4" (31.8mm) nut)	1
4	50CU1	4-1/2" (29.9mm) I.D. x 5" (127mm) O.D. x 1/2" U-Cup	2
5	50PB2	5" (127mm) Piston (for 1-1/4" (31.8mm) nut)	1
6	10NU3	1-1/4" (31.8mm) x 12" (305mm) U.N.F. Hex Lock Nut	1
7	100R14	4-1/2" (29.9mm) I.D. x 5" (127mm) O.D. O-Ring	1
8	50HP1	5" (127mm) Head Plate	1
9	10RS3	1-3/4" (44.4mm) I.D. x 2-1/8" (54.0mm) O.D. x 3/8" (9.39mm) Rod Seal	1
10	10WS3	1-3/4" (44.4mm) I.D. x 2-1/8" (54.0mm) O.D. x 3/16" (4.76mm) Wiper Seal	1

SEAL KIT

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