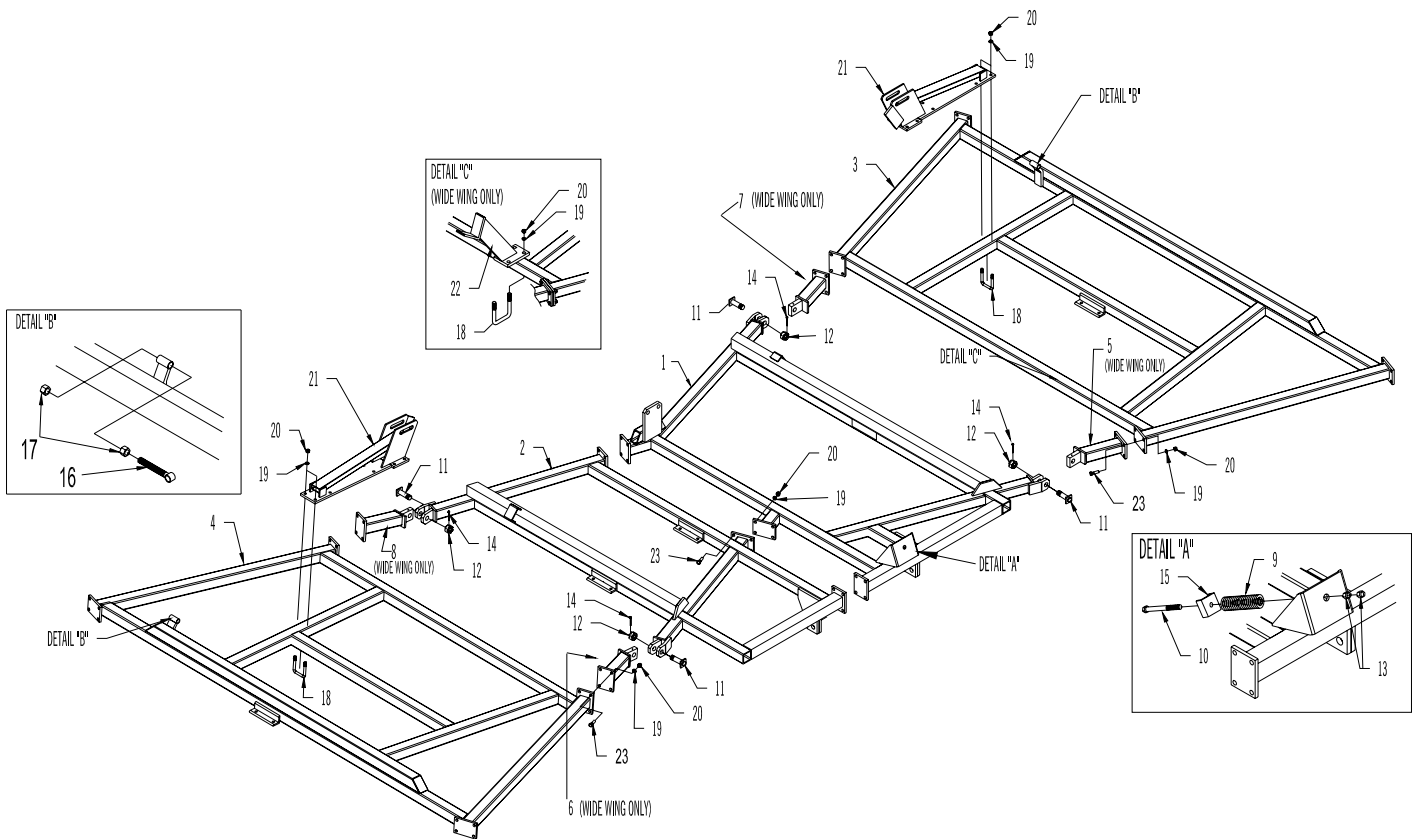


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4590 DISC

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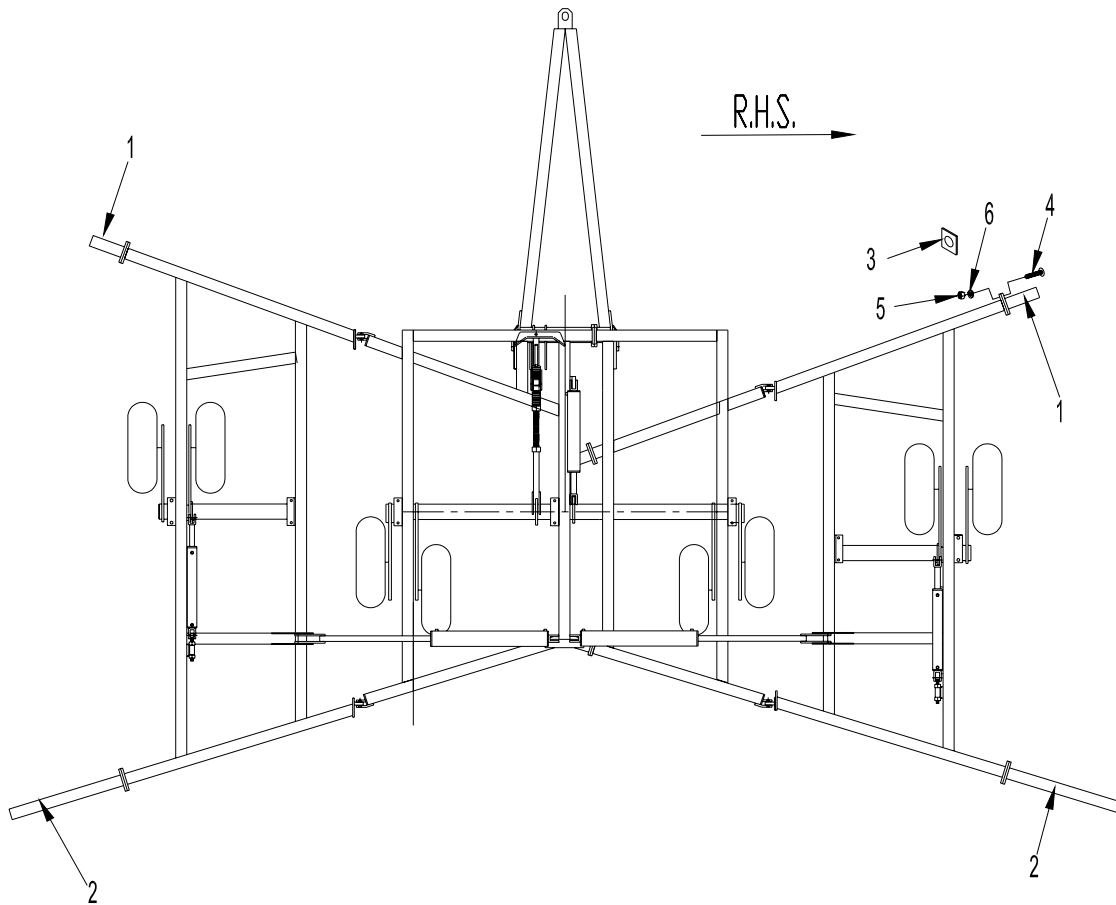
MODEL 4590 DISC



FRAME ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	QTY REQ'D
1	DF13502	L.H. Main frame half (c/w ref. #'s 6, 7, 8, 9, 10, 11 and 12)	1
2	DF13504	R.H. Main Frame half (c/w ref. #'s 8, 9, and 11)	1
3	DW13506	L.H. Wide Wing Frame – 93" (2362 mm) overall width for 28' (8.53m) models and larger (c/w gang beam shims and 3/4" (19.1 mm) x 2-1/2" (63.5 mm) gang beam bolts, with nuts and lockwashers)	1
	DW13507	L.H. Narrow Wing Frame – 65" (1651 mm) overall width for 27' (8.23m) models and smaller (c/w gang beam shims and 3/4" (19.1 mm) x 2-1/2" (63.5 mm) gang beam bolts, with nuts and lockwashers)	1
4	DW13508	R.H. Wide Wing Frame – 93" (2362 mm) overall width for 28' (8.53m) models and larger (c/w gang beam shims and with 3/4" (19.1 mm) x 2-1/2" (63.5 mm) gang beam bolts, with nuts and lockwashers)	1
	DW13509	R.H. Narrow Wing Frame – 65" (1651 mm) overall width for 27' (8.23m) models and smaller (c/w gang beam shims and 3/4" (19.1 mm) x 2-1/2" (63.5mm) gang beam bolts, with nuts and lockwashers)	1
5	DWA13540	Hinge Arm – Front L.H. – Wide Wing Only	2
6	DWA13541	Hinge Arm – Front R.H. – Wide Wing Only	2
7	DWA13544	Hinge Arm – Rear L.H. – Wide Wing Only	2
8	DWA13545	Hinge Arm – Rear R.H. – Wide Wing Only	2
9	DC9615	10-7/8" (276.2 mm) long compression	1
10	B100140	1" (25.4 mm) x 14" (355.6 mm) N.C. hex bolt - Gr. 5	1
11	DG13009	1-1/2" (38.1mm) x 5" (127mm) Hinge Pin	4
12	DH5165	1-1/2" (38.1 mm) N.C. hex slotted nut	4
13	BN100	1" (25.4 mm) N.C. hex nut	2
14	BP31225	5/16" (7.94mm) x 2-1/4" (57.2mm) Cotter Pin	4
15	DFA10536	Single Spring Cushion Plate	1
16	DFA9564	1-1/4" (31.7mm) N.C. I-Bolt Cylinder Lug	2
17	BN125	1-1/4" (31.7mm) N.C. Hex Nut	4
18	C55203	3/4" (19.1mm) x 4" (101.6mm) x 5-5/16" (134.9mm) U-Bolts	10
19	BW075L	3/4" (19.1mm) Lockwasher	48
20	BN075	3/4" (19/1mm) N.C. Hex Nut	48
21	DF13536	Wing Lift Bracket	2
22	DF13537	Front Wing Support (Wide Wing Only)	2
23	B075025	3/4" (19.1mm) x 2 1/2 (63.5mm) hex head bolt	6

MODEL 4590 DISC

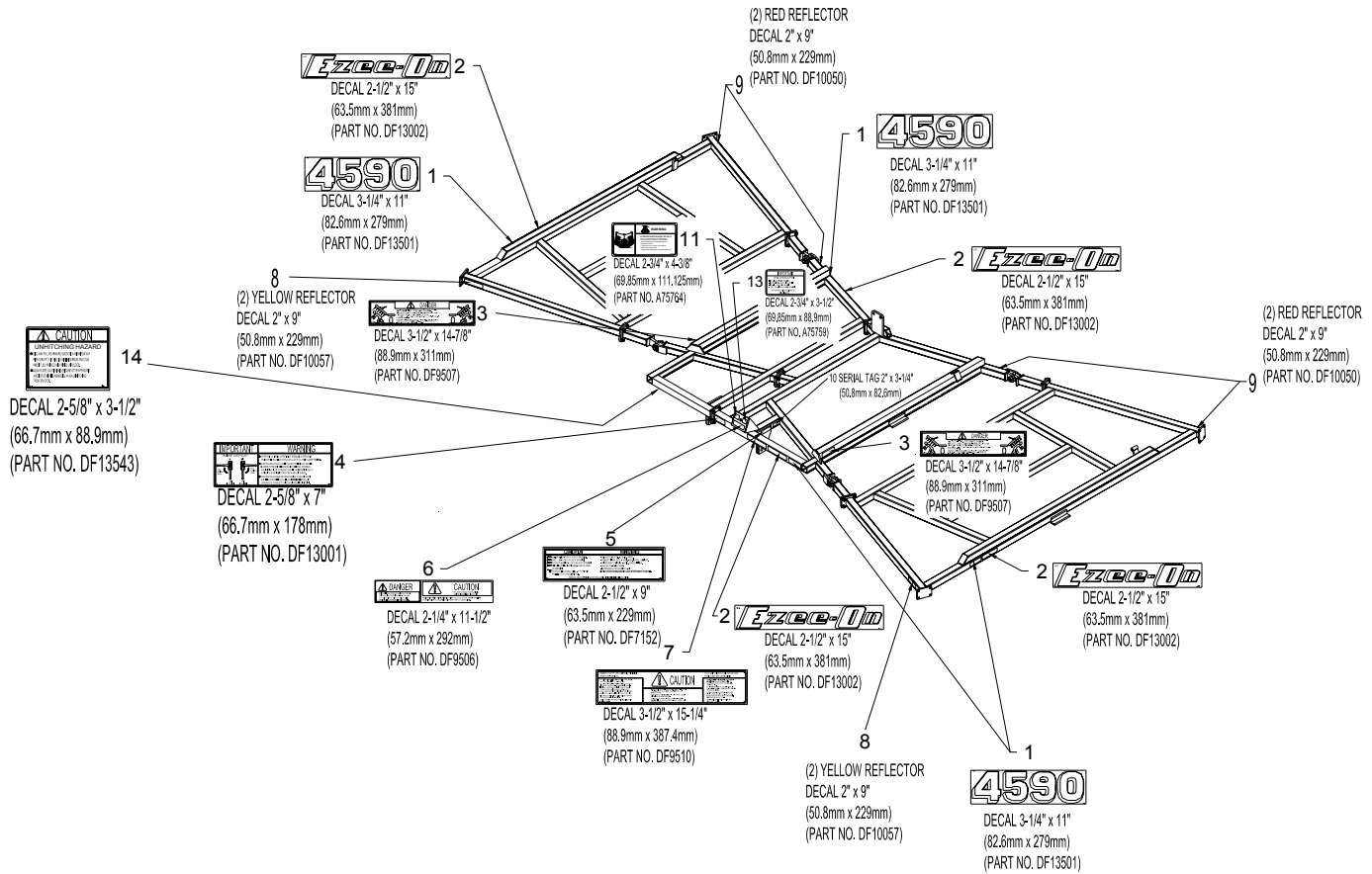


GANG BEAM ASSEMBLY

REF NO.	PART NO.	DESCRIPTION	QTY REQ'D
1	DG13511	8" SPACING 12" (304.8mm) Front Wing Gang Beam – 94 blade	2
	DG13512	18" (457.2mm) Front Wing Gang Beam – 106 blade	2
	DWA10198	36" (914.4mm) Front Wing Gang Beam – 114 blade	2
	DG13513	50" (1270mm) Front Wing Gang Beam – 122 blade	2
	DG13514	60" (1524mm) Front Wing Gang Beam – 126 blade	2
		9" SPACING	
	DWA10192	16" (406.4 mm) Front Wing Gang Beam – 86 & 94 blade	2
	DWA10198	36" (914.4mm) Front Wing Gang Beam – 102 Blade	2
	DWA10202	42" (1066.8 mm) Front Wing Gang Beam – 106 blade	2
	DG13515	60" (1524mm) Front Wing Gang Beam – 114 blade	2
		8" SPACING	
	DG13516	12" (304.8mm) Rear Wing Gang Beam – 82 blade	2
	DWA10202	42" (1066.8 mm) Rear Wing Gang Beam – 94 & 106 blade	2
	DG13517	60" (1524mm) Rear Wing Gang Beam – 114 blade	2
2	DG13518	78" (1981mm) Rear Wing Gang Beam – 122 blade	2
	DG13519	90" (2286mm) Rear Wing Gang Beam – 126 blade	2
		9" SPACING	
	DG13526	16" (406.4mm) Rear Wing Gang Beam – 74 blade	2
	DWA10202	42" (1066.8mm) Rear Wing Gang Beam – 86 & 94 blade	2
	DG13527	60" (1524mm) Rear Wing Gang Beam – 102 Blade	2
	DG13528	72" (1829mm) Rear Wing Gang Beam - 106 blade	2
	DG13529	90" (2286mm) Rear Wing Gang Beam – 114 blade	2
3	DF10046	Gang Beam Shim	*
4	B075025	¾" (19.1 mm) x 2-1/2" (63.5 mm) N.C. hex bolt Gr. 5 (plated)	32
5	BN075	¾" (19.1 mm) N.C. hex nut (plated)	32
6	BW075L	¾" (19.1 mm) Lockwasher (plated)	32

* as required

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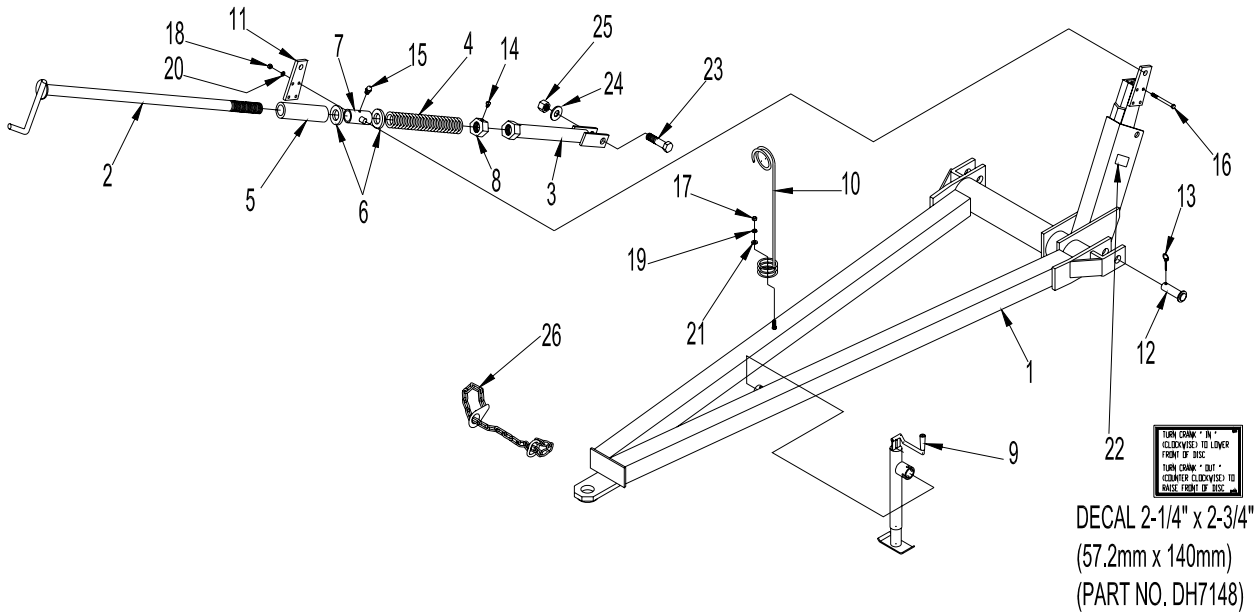


DECALS (FRAME AND GANG BEAM)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DF13501	4590 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" (228.6mm))	6
9	DF10050	Red Reflector (2" (50.8mm) x 9" (228.6mm))	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	DF9510	Safety Recommendation Decal (3-1/2" (88.9mm) x 15-1/4" (387.4mm))	1
13	A75759	Important Decal (2-5/8" (66.7mm) x 4-3/4" (120.7mm))	1
14	DF13543	Caution Decal (2-5/8" (66.7mm) x 3-1/2" (88.9mm))	1
--	L010	1 Liter black paint	*
--	L016	½ pint black paint	*
--	DF7160	1 Liter new EZEE-ON yellow paint	*
--	DF7161	½ pint new EZEE-ON yellow paint	*

* as required

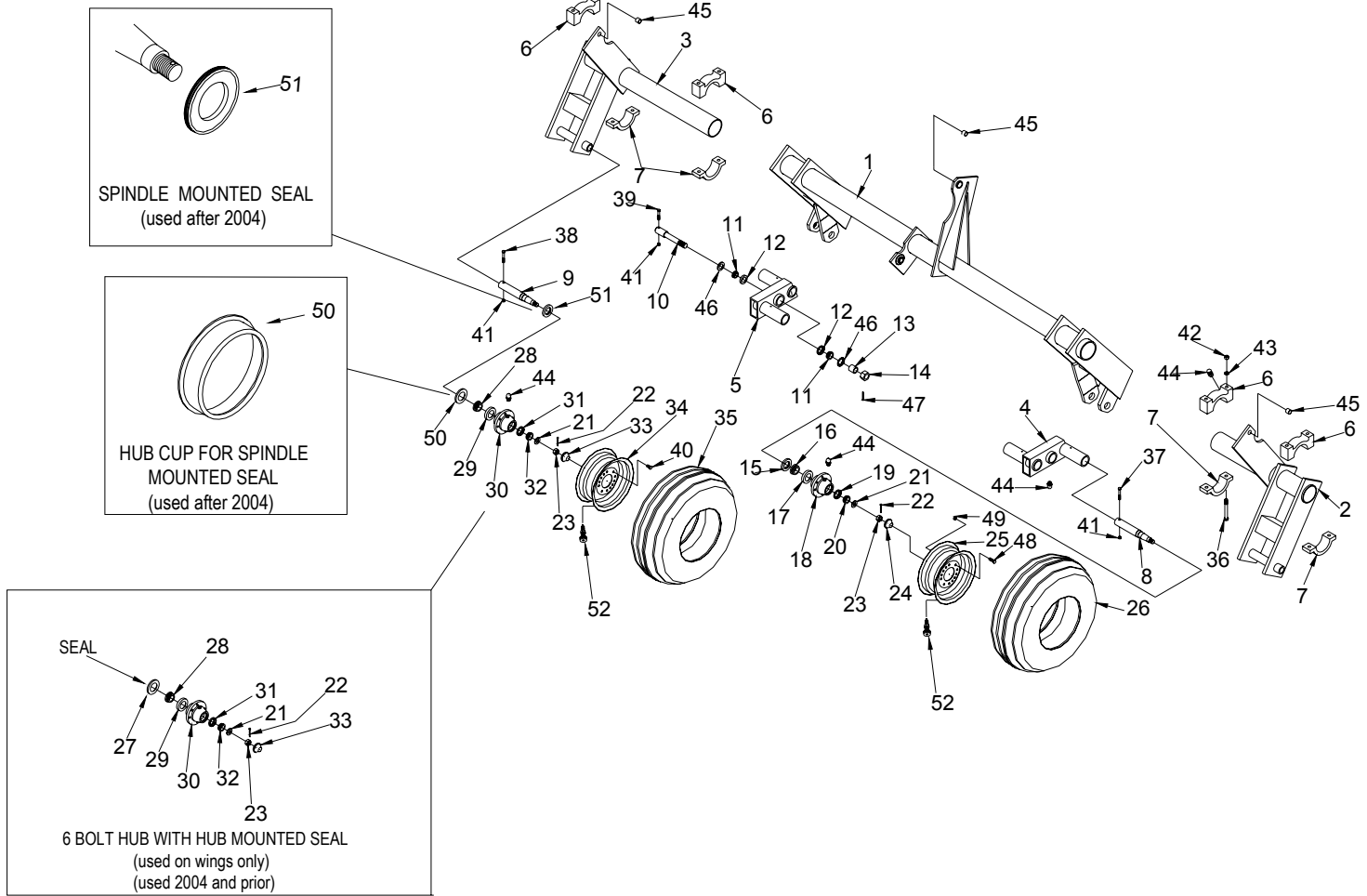
MODEL 4590 DISC



HITCH & LEVELING CRANK ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DHB13097	Hitch c/w items 11, 12, 13 and 18	1
2	DCA9970	Leveling Crank – 50" (1270mm) Long	1
3	DC13530	Leveling Link (11-1/2" (291.2 mm) 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	DHA960S	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	B050010S	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	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	--	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	1

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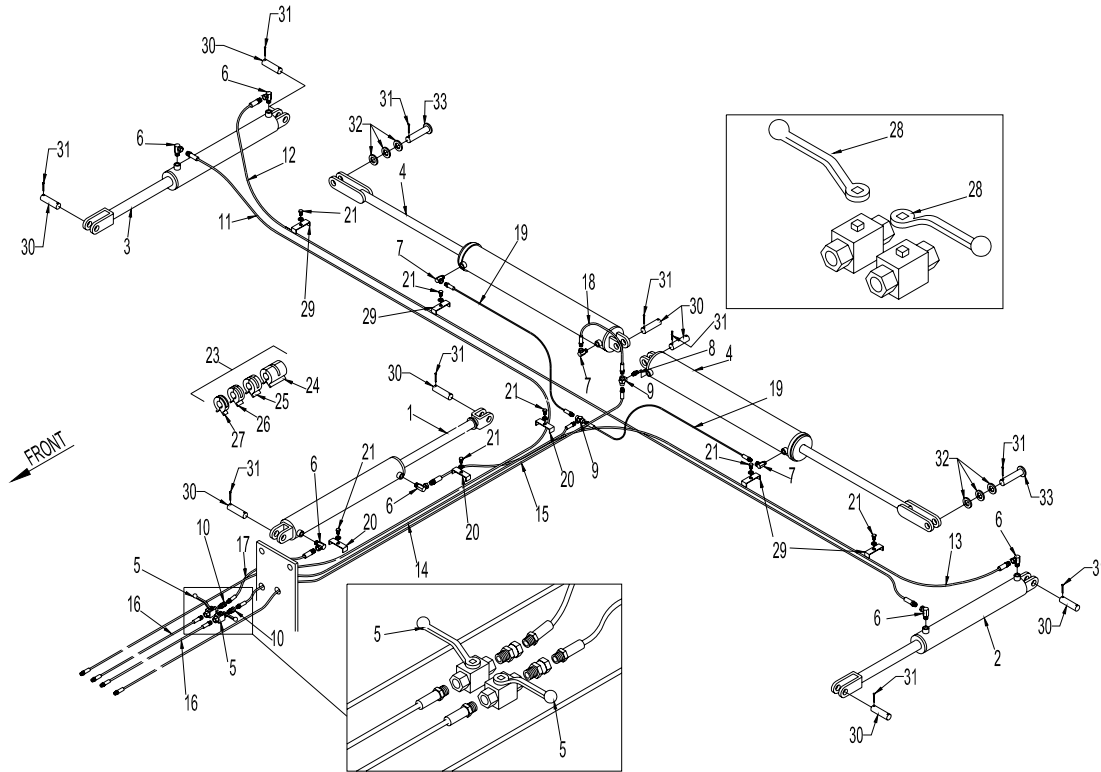
ROCKSHAFT & WHEEL ASSEMBLY

REF. NO	PART. NO	DESCRIPTION	QTY. REQD
1	DRA13531	Main Frame Rockshaft	1
2	DRA13532	L.H. Wing Rockshaft Assembly – 50"	1
3	DRA13533	R.H. Wing Rockshaft Assembly – 50"	1
4	DRA13131	L.H. Walking Beam Main Frame	1
5	DRA13130	R.H. Walking Beam Main Frame	1
6	DR8601T	Rockshaft Bearing – top half	4
7	DR8601B	Rockshaft Bearing – bottom half	4
8	DR13004	812 Spindle - 13-3/4" (348mm)	4
9	DR7156	618 Spindle - 14-1/2" (368mm)	4
10	DR13007	Pivot Bolt - Main Frame Walking Beam	2
11	DR13124	Cone Bearing # 25877	4
12	DR13125	Bearing Cup #25821	4
13	DR13008	Sleeve-Pivot Pin	2
14	DR13126	1-1/4" (31.7mm) N.F. Slotted Hex Nut	2
15	DR9680	Grease Seal #SE-17	4
16	DR9684	Inner Cone Bearing #3780	4
17	DR9682	Inner Cup #3720	4
18	DRA9679	Hub c/w cups - 8 bolt	4
19	DR9683	Outer Cup #2720	4
20	DR9685	Outer Cone Bearing #2790	4
21	BW20010612F	2" (50.8mm) O.D. x 1-1/16" (25.5mm) I.D. x 1/8" (3.18mm) Flatwasher	4
22	BP18125	3/16" (4.76mm) x 1-1/4" (31.7mm) Cotter Pin	4
23	DR110	1" (25.4mm) N.F. Hex Slotted Nut	4
24	DR9681	Hub Cap	4

REF. NO	PART. NO	DESCRIPTION	QTY. REQD
25	S81509	15" (381mm) x 10" (254mm) x 8 Bolt Rim	4
26	--	11L x 15 F1 Tire	4
27	DR122	Grease Seal – (used 2004 and prior)	4
28	DR120	Cone Bearing - #LM25580	4
29	DR118	Cup - #LM25520	4
30	DRA9	618 Hub c/w Cups	4
31	DR92	Cup - #LM48510	4
32	DR91	Cone Bearing - #LM48548	4
33	DR123	Hub Cap	4
34	DR5261	15" (381mm) x 8" (203mm) - 6 Bolt Rim - (requires metal valve stem)	4
35	--	11L x 15 F1 Tire	4
36	B075065	3/4" (19mm) x 6-1/2" (165mm) N.C. Hex Bolt Gr.5 (plated)	4
37	B050045	1/2" (12.7mm) x 4-1/2" (114.3mm) N.C. Hex Bolt (plated)	4
38	B050035	1/2" (12.7mm) x 3-1/2" (88.9mm) N.C. Hex Bolt (plated)	4
39	B050030	1/2" (12.7mm) x 3" (76.2mm) N.C. Hex Bolt (plated)	4
40	DR125	9/16" (14.2mm) N.F. x 1-1/8" (28.5mm) Wheel Bolt	56
41	BN050L	1/2" (12.7mm) N.C. Nylon Locknut (plated)	10
42	BN075	3/4" (19mm) N.C. Hex Nut (plated)	8
43	BW075L	3/4" (19mm) Lockwasher (plated)	8
44	10GN1	1/4" (6.35mm) - 28 Straight Grease Fitting	18
	10GN3	Grease Fitting – Press in Type	8
45	DR13120	1-1/4" (31.8mm) I.D. x 1-1/4" (31.8mm) Long Steel Insert	3
46	DR13121	Seal - P/N 18823	1
47	BP31200	5/16" (7.8mm) x 2" (50.8mm) Cotter Pin	1
48	DR9671	9/16" N.F. x 1-11/16" Wheel Bolt	32
49	DR9672	9/16" N.F. Hex Nut	32
50	DR13191	Seal Cup – Spindle Mount Type Seal – (used after 2004)	4
51	DR13190	Seal – Spindle Mount Type – (used after 2004)	4
52	C60154	Valve Stem - Metal	8

* as required

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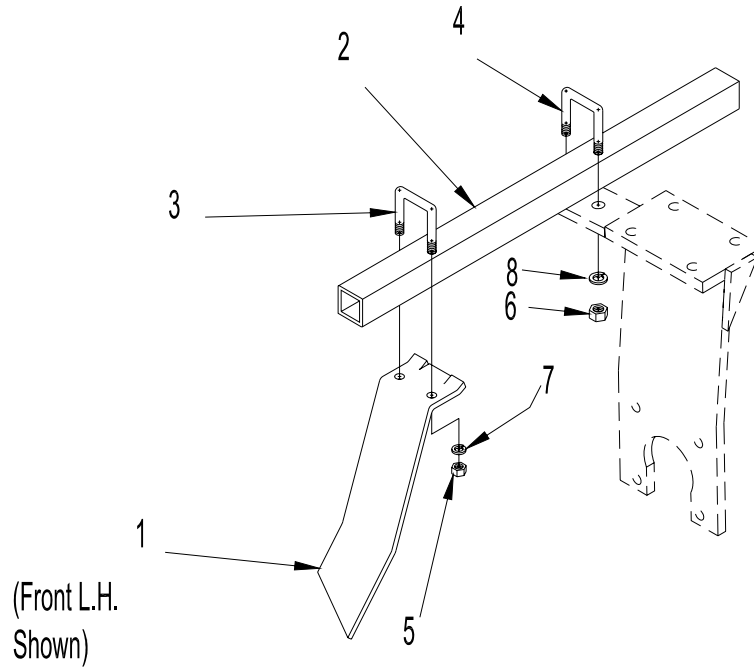


HYDRAULIC ASSEMBLY – WIDE & NARROW WING

REF. NO	PART. NO	DESCRIPTION	QTY. REQ'D
1	306	4" (101.6mm) x 24" (610mm) Hydraulic Cylinder	1
2	305	3-1/2" (88.9mm) x 24" (610mm) Hydraulic Cylinder	1
3	304	3" (76.2mm) x 24" (610mm) Hydraulic Cylinder	1
4	242	5" (127mm) x 36" (914mm) Wing Lift Cylinder	2
5	DL13099	Hydraulic Lockout Valve	2
6	DL9775	1/2" (12.7mm) x 90 Degree Swivel Street Elbow	6
7	DL9769	3/8" (9.39mm) x 90 Degree Swivel Street Elbow	3
8	S82371	3/8" (9.39mm) Male-Male Union	1
9	DL9767	3/8" (9.39mm) x 3/8" (9.39mm) x 3/8" (9.39mm) Swivel Tee	2
10	L1619	3/8" (9.39mm) Male-Female Swivel	2
11	D4375	3/8" (9.39mm) x 426" (10820mm) Hydraulic Hose c/w 1/2" (12.7mm) Ends (Narrow Wing)	1
	D4376	3/8" (9.39mm) x 462" (11735mm) Hydraulic Hose c/w 1/2" (12.7mm) Ends (Wide Wing)	1
12	D4377	3/8" (9.39mm) x 312" (7925mm) Hydraulic Hose c/w 1/2" (12.7mm) Ends (Narrow Wing)	1
	D4378	3/8" (9.39mm) x 384" (9754mm) Hydraulic Hose c/w 1/2" (12.7mm) Ends (Wide Wing)	1
13	P4332	3/8" (9.39mm) x 208" (5283mm) Hydraulic Hose c/w 1/2" (12.7mm) Ends (Narrow Wing)	1
	D4379	3/8" (9.39mm) x 244" (6198mm) Hydraulic Hose c/w 1/2" (12.7mm) Ends (Wide Wing)	1

REF. NO	PART. NO	DESCRIPTION	QTY. REQ'D
14	D4380	3/8" (9.39mm) x 102" (2591mm) Hydraulic Hose c/w 3/8" (9.39mm) Ends	1
15	D4381	3/8" (9.39mm) x 294" (7468mm) Hydraulic Hose c/w 3/8" (9.39mm) Ends	1
16	D4382	3/8" (9.39mm) x 179" (4547mm) Hydraulic Hose c/w 3/8" (9.39mm) Ends	2
17	P4336	3/8" (9.39mm) x 20" (508mm) Hydraulic Hose c/w 3/8" (9.39mm) End & 1/2" (12.7mm) End	1
18	L2939	3/8" (9.39mm) x 24" (610mm) Hydraulic Hose c/w 3/8" (9.39mm) Ends	1
19	P3027	1/4" (6.35mm) x 54" (1372mm) Hydraulic Hose c/w 3/8" (9.39mm) Ends	2
20	DL13186	4 Line Hose Clamp	3
21	B050075	1/2" (12.7mm) x 3/4" (19mm) N.C. Hex Bolt (Plated)	8
23	DR13127	Wadler Universal Stroke Control Segments (8-3/4" (222mm) package)	2
24	C50717	4-1/4" (108mm) Depth Stop	2
25	C50714	2" (50.8mm) Depth Stop	2
26	C50712	1-1/2" (38.1mm) Depth Stop	2
27	C50711	1" (25.4mm) Depth Stop	2
28	DL13122	Hyd. Valve Lockout Valve Handle Only - HBVH040608	2
29	DL9766	2 Line Hose Clamp- 1/2" Hose	5
30	DR5262	1 1/4" (31.75mm) x 4 3/4" (120.65mm) Pin	8
31	BP31175	5/16" (8mm) x 1 3/4" (44mm) Cotter Pin	12
32	--	2" (50.8mm) O.D. x 1 1/4" (31.75mm) I.D. x 1/4" (6.35mm) Flat washer.	6
33	C50727	1 1/4" (31.75mm) x 6 1/4" (158.75mm) Pin	2

MODEL 4590 DISC

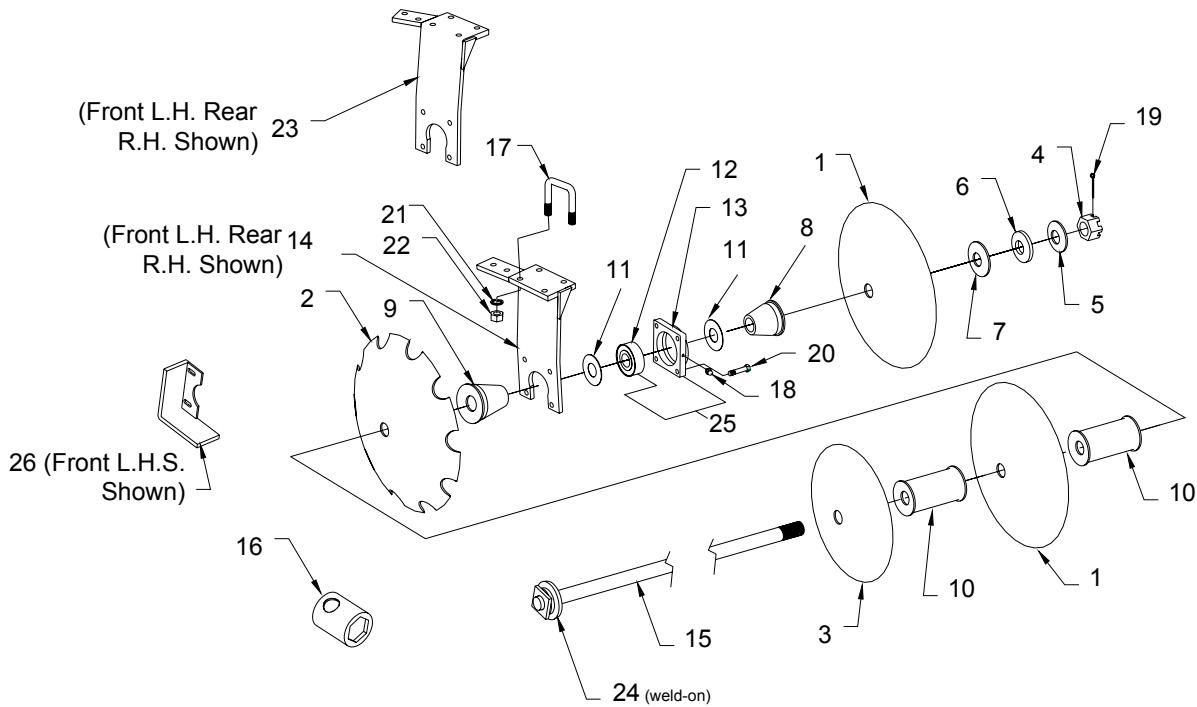


SCRAPER ASSEMBLY

REF NO.	PART NO.	DESCRIPTION	QTY REQ'D
1	DG6083 DG6084	Front R.H., Rear L.H. Scraper Front L.H., Rear R.H. Scraper	* *
2		SCRAPER BAR - 8" (203.2 mm) SPACING	
	DS49	6 Blade Scraper Bar - 49" (1245 mm)	*
	DS65	8 Blade Scraper Bar - 65-1/2" (1664 mm)	*
	DS73	9 Blade Scraper Bar - 73-1/2" (1867 mm)	*
	DS82	10 Blade Scraper Bar - 82" (2083 mm)	*
	DS90	11 Blade Scraper Bar - 90" (2286 mm)	*
	DS99	12 Blade Scraper Bar - 99" (2515 mm)	*
	DS107	13 Blade Scraper Bar - 107" (2718 mm)	*
	DS115	14 Blade Scraper Bar - 115-1/2" (2934 mm)	*
	DS123	15 Blade Scraper Bar - 123-1/2" (3137 mm)	*
		SCRAPER BAR - 9" (228.6 mm) SPACING	
	DS64	7 Blade Scraper Bar - 64" (1626 mm)	*
	DS73	8 Blade Scraper Bar - 73-1/2" (1867 mm)	*
	DS82	9 Blade Scraper Bar - 82" (2083 mm)	*
	DS92	10 Blade Scraper Bar - 92" (2337 mm)	*
	DS101	11 Blade Scraper Bar - 101-1/2" (2578 mm)	*
	DS110	12 Blade Scraper Bar - 110" (2794 mm)	*
	DS120	13 Blade Scraper Bar - 120" (3048 mm)	*
	DS129	14 Blade Scraper Bar - 129-1/2" (3289 mm)	*
	DS139	15 Blade Scraper Bar - 139" (3531mm)	*
3	DG5308	1/2" (12.7 mm) x 2" (50.8 mm) U-Bolt - plated	*
4	DG5309	5/8" (15.9 mm) x 2" (50.8 mm) U-Bolt - plated	*
5	BN050	1/2" (12.7 mm) N.C. Hex Nut - plated	*
6	BN062	5/8" (15.9 mm) N.C. Hex Nut - plated	*
7	BW050L	1/2" (12.7 mm) Lockwasher - plated	*
8	BW062L	5/8" (15.9 mm) Lockwasher - plated	*

* as required

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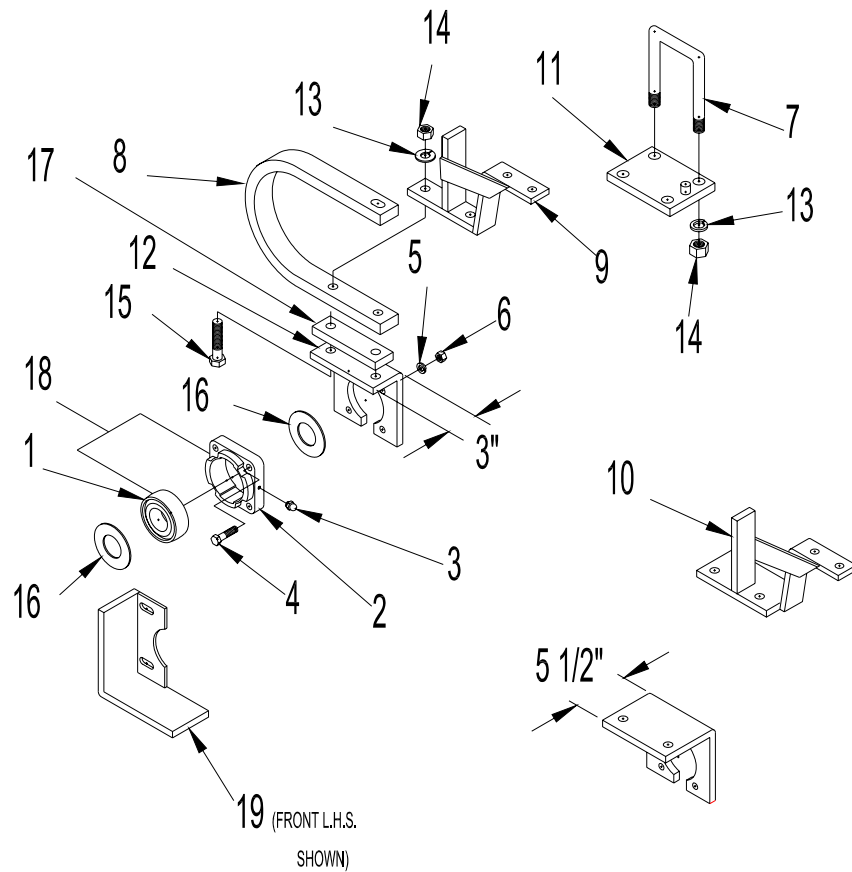


DISC GANG ASSEMBLY

REF. NO	PART. NO	DESCRIPTION	QTY. REQ'D
1	DG60 DG76 DG137 DG74	22" (558.8 mm) x 7mm (.275) Plain Blade 24" (609.6 mm) x 7mm (.275) Plain Blade 24" (609.6 mm) x 8mm (5/16) Plain Blade 26" (660.4mm) x 8mm (5/16") Plain Blade (Australia Only)	* * * *
2	DG61 DG138 DG75	22" (558.8 mm) x 7mm (.275) Notched Blade 24" (609.6 mm) x 8mm (5/16) Notched Blade 26" (660.4mm) x 8mm (5/16") Notched Blade (Australia Only)	* * *
3	DG84 DG133 DG149	16" (406.4 mm) x 4mm (.157) Plain Outrigger Blade 18" (457.2 mm) x 5mm (.197) Plain Outrigger Blade 20" (508 mm) x 6mm (.236) Plain Outrigger Blade	* * *
4	DG82	2" (50.8 mm) Heavy Hex Slotted Nut	*
5	DG89	3/4" (6.35 mm) Shim Washer	*
6	DG88	1/2" (12.7 mm) Shim Washer	*
7	DG78	5" (127mm) O.D. x 2" (50.8mm) I.D. x 5/8" (15.9mm) Head Washer – (used prior to 2003)	*
	DG13184	5-1/2" O.D. x 2" I.D. x 3/4" (139.7mm x 50.8mm x 19.0mm) Head Washer (used with 22" and 24" blades) – used 2003 and later	*
	DG13185	6" O.D. x 2" I.D. x 1" (152.4mm x 50.8mm x 25.4mm) Head Washer (used with 26" blades) – used 2003 and later	*
8	DGA108 DGA97	8" (203.2mm) Spacing Short Half Spool – 2-3/8" (69.9mm) Long 9" (228.6mm) Spacing Short Half Spool – 3-1/4" Long w/5" (127mm) Washer	* *
9	DGA103 DGA136	8" or 9" (228.6mm) Spacing Long Half Spool – 4-3/16" (106.3mm) Long for EZ410N Brg 8" or 9" (228.6mm) Spacing Long Half Spool – 3-11/16" (93.5mm) for 410WSS Brg.	* *
10	DGA113 DGA98	8" (203.2mm) Spacing Full Spool – 8" (203.2mm) Long 9" (228.6mm) Spacing Full Spool – 9" (228.6mm) Long w/5" (127mm) Washer	* *
11	DG236	3-1/2" (88.9 mm) O.D. x 2" (50.8 mm) I.D. x 1/16" (1.59 mm) Bearing Shield - EZ410N ONLY	*
12	DG5364 DG108	EZ410N Series Greaseable Bearing (1 9/16" (39.6mm) wide) – used in USA and Australia prior to June 2005 and used in Canada prior to August 2006. 410WSS Series Greaseable Bearing (2-1/16" (52.9mm) wide) – used in USA and Australia after June 2005 and used in Canada after August 2006.	* *
13	DG96	EZ410N and 410WSS Bearing Housing Only	*
14	DGA10280 DGA10281 DGA13560 DGA13561	Front L.H., Rear R.H. Straight Bearing Hanger – EZ410N & 410WSS Bearing Front R.H., Rear L.H. Straight Bearing Hanger – EZ410N & 410WSS Bearing Front L.H., Rear R.H. Straight Bearing Hanger – EZ410N & 410WSS Bearing (For 26" (660.4mm) – April 2001 and later Australia only) Front R.H., Rear L.H. Straight Bearing Hanger – EZ410N & 410WSS Bearing (For 26" (660.4mm) – April 2001 and later Australia only)	* * * *

REF. NO	PART. NO	DESCRIPTION	QTY. REQ'D
15	DGA86 DGA88 DGA89 DGA90 DGA91 DGA92 DGA93 DGA94	GANG BOLTS – 8" (203.2mm) SPACING 6 Blade Gang Bolt – 47" (1194mm) Long 8 Blade Gang Bolt – 64" (1626mm) Long 9 Blade Gang Bolt – 72-1/4" (1835mm) Long 10 Blade Gang Bolt – 80-3/4" (2051mm) Long 11 Blade Gang Bolt – 89-1/2" (2273mm) Long 12 Blade Gang Bolt – 97-1/4" (2470mm) Long 13 Blade Gang Bolt – 105-1/2" (2678mm) Long 14 Blade Gang Bolt – 113-3/4" (2889mm) Long	* * * * * * * *
	DGA67 DGA68 DGA69 DGA70 DGA71 DGA72 DGA73 DGA74 DGA129	GANG BOLTS – 9" (228.6mm) SPACING 7 Blade Gang Bolt – 61-3/4" (1569mm) Long 8 Blade Gang Bolt – 71" (1803mm) Long 9 Blade Gang Bolt – 80" (2032mm) Long 10 Blade Gang Bolt – 89-1/2" (2273mm) Long 11 Blade Gang Bolt – 98-3/4" (2508mm) Long 12 Blade Gang Bolt – 108" (2743mm) Long 13 Blade Gang Bolt – 117-1/2" (2985mm) Long 14 Blade Gang Bolt – 127-1/2" (3239mm) Long 15 Blade Gang Bolt – 135-1/4" (3435mm) Long	* * * * * * * * *
16	DGA35	Socket Wrench	1
17	DG6080	5/8" (15.9mm) x 4" (101.6mm) x 4-7/16" (112.7mm) Long U-Bolt	*
18	10GN1	3/4" (6.35mm) x 28 Grease Fitting	*
19	DG10310	7/16" (11.1mm) x 3" (76.2mm) Lock Pin	*
20	B050022	1/2" (12.7mm) x 2-1/4" (57.2mm) N.C. Hex Bolt – 211 Bearing (plated)	*
	B062022	5/8" (15.9mm) x 2-1/4" (57.2mm) N.C. Hex Bolt – 410 Bearing (plated)	*
21	BW050L	1/2" (12.7mm) Lockwasher – 211 Bearing	*
	BW062L	5/8" (15.9mm) Lockwasher – 410 Bearing	*
22	BN050 BN062	1/2" (12.7mm) Hex Nut – 211 Bearing 5/8" (15.9mm) Hex Nut – 410 Bearing	* *
23	DGA10282 DGA10283 DGA13562 DGA13563	Front R.H., Rear L.H. 2" (50.8mm) Offset Hanger – EZ410N & 410WSS Series Front L.H., Rear R.H. 2" (50.8mm) Offset Hanger – EZ410N & 410WSS Series Front L.H., Rear R.H. 2" (50.8mm) Offset Hanger – EZ410N & 410WSS Bearing (For 26" (660.4mm) – April 2001 and later Australia only) Front R.H., Rear L.H. 2" (50.8mm) Offset Hanger – EZ410N & 410WSS Bearing (For 26" (660.4mm) – April 2001 and later Australia only)	* * * *
24	DGA5370	5-1/2" (139.7 mm) Gang Washer – Weld-on	*
25	DGB5363 DGB109	EZ410N Housing c/w Bearing and Grease Fitting – used in USA and Australia prior to June 2005 and used in Canada prior to August 2006. 410WSS Housing c/w Bearing and Grease Fitting – used in USA and Australia after June 2005 and used in Canada after August 2006.	* *
26	DGA40	Bearing Guard EZ410N & 410WSS Bearing – Front L.H. & Rear R.H. Bearing Guard EZ410N & 410WSS Bearing – Front R.H. & Rear L.H.	* *

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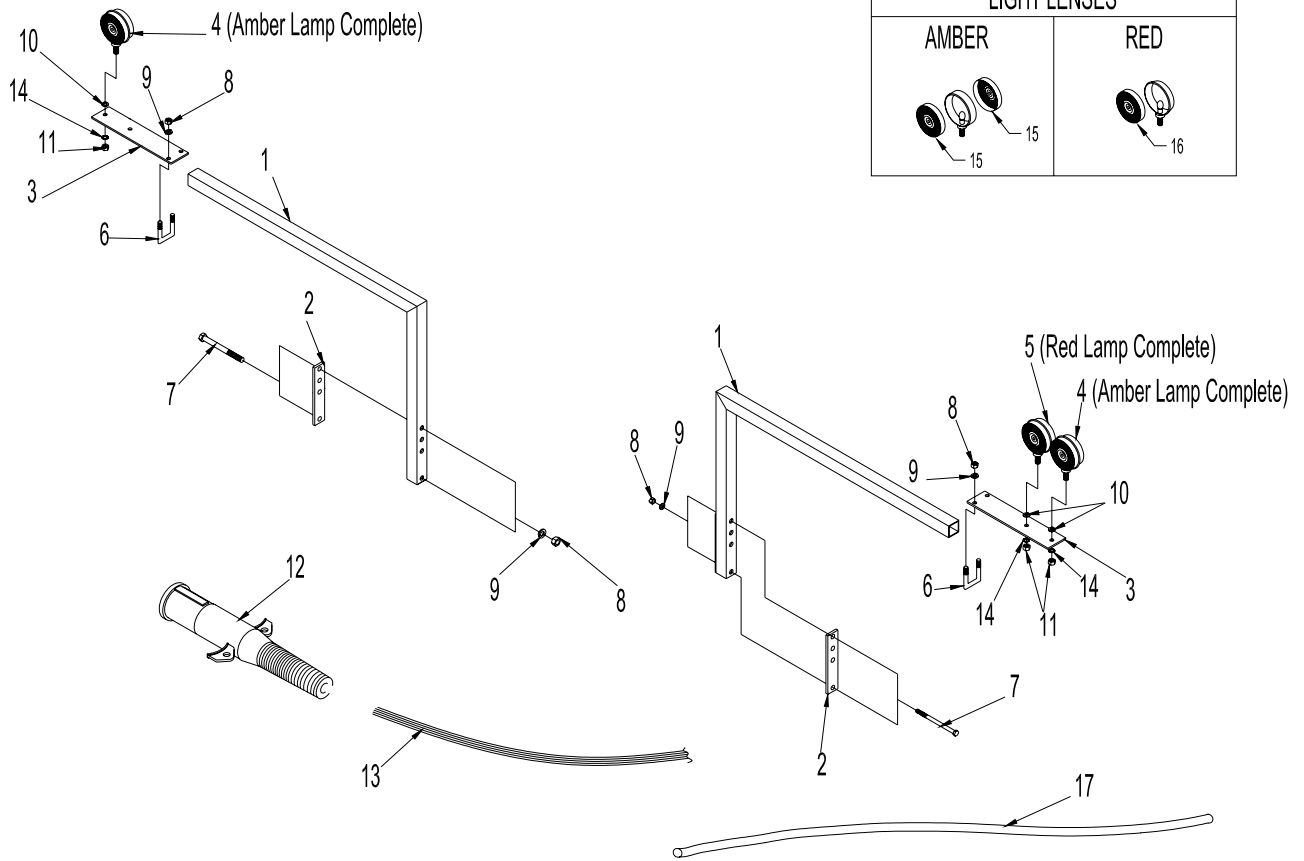
STONE FLEX HANGER ASSEMBLY

REF. NO	PART. NO	DESCRIPTION	QTY. REQ'D
1	DG5364	EZ410N series greaseable bearing - 1-9/16" (39.6mm) wide – used in USA and Australia prior to June 20085 and used in Canada prior to August 2006	*
	DG108	410WSS series greaseable bearing - 2-1/16" (52.9mm) wide – used in USA and Australia after June 2005 and used in Canada after August 2006.	*
2	DG96	EZ410N and 410WSS Bearing Housing Only	*
3	10GN1	1/4" (6.35mm) x 23 grease fitting	*
4	B062022	5/8" (15.9mm) x 2-1/4" (57.2mm) N.C. Hex Bolt (Plated)	*
5	BW062L	5/8" (15.9mm) Lockwasher (Plated)	*
6	BN062	5/8" (15.9mm) Hex Nut (Plated)	*
7	DG10290	3/4" (19.1mm) x 4" (101.6mm) x 7" (177.8mm) Long U-Bolt	*
8	DG8150	1-1/4" (31.2mm) x 2" (50.8mm) Spring Shank	*
9	DGA8612	Scraper Bar Support Bracket – STD Stone Flex Hanger- Front L.H. & Rear R.H.	*
	DGA8611	Scraper Bar Support Bracket – STD Stone Flex Hanger- Front L.H. & Rear R.H.	*
10	DGA8623	Scraper Bar Support Bracket – Offset Stone Flex Hanger - Front LH or Rear RH	*
	DGA8624	Scraper Bar Support Bracket – Offset Stone Flex Hanger - Front RH or Rear LH	*

REF. NO	PART. NO	DESCRIPTION	QTY. REQ'D
11	DGA10295	Backing Plate – Stone Flex Hanger – 3/4" (19.1mm) U-bolt	*
12	DGA5324	Mounting Bracket – EZ410N & 410WSS Series – STD Stone Flex Hanger	*
13	BW075L	3/4" (19.1mm) Lockwasher (Plated)	*
14	BN075	3/4" (19.1mm) N.C. Hex Nut (Plated)	*
15	B075035	3/4" (19.1mm) x 3-1/2" (88.9mm) N.C. Hex Bolt (Plated)(Used when spacer, ITEM 17, is NOT used)	*
	B075045	3/4"(19.1mm) x 4 1/2" (114.3mm) N.C. Hex Bolt (Used when spacer, ITEM 17, is used)	*
16	DG236	3 1/2" (88.9mm) O.D. x 2" (50.8mm) I.D. x 1/16" (1.59mm) Bearing Shield- EZ410N Only	*
17	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. (Australia Only)	*
18	DGB5363	EZ410N housing c/w bearing and grease fitting – used in USA and Australia prior to June 2005 and used in Canada prior to August 2006.	*
	DGB109	410WSS Housing c/w bearing and grease fitting – used in USA and Australia after June 2005 and used in Canada after August 2006.	*
19	DGA40	Bearing Guard- EZ410N & 410WSS Bearing- Front L.H. & Rear R.H.	*
	DGA39	Bearing Guard- EZ410N & 410WSS Bearing- Front R.H. & Rear L.H	*
20	DGA5341	Mounting Bracket – 2" (50.8mm) Offset Stone Flex Hanger	*

* as required

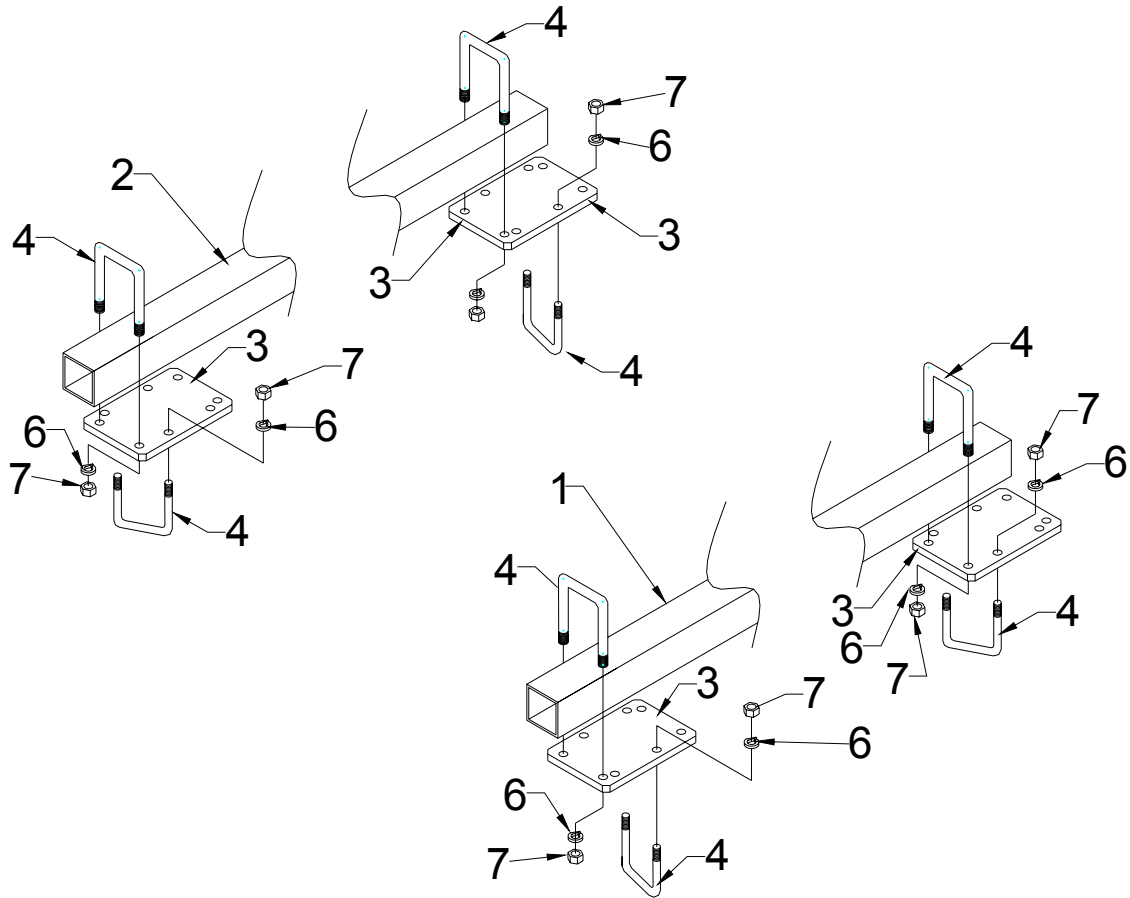
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WARNING LIGHT KIT (Optional)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	D13101	Light bracket	2
2	D13102	Backing Plate	2
3	LK6422	Light Mount Plate	2
4	LK6401	Amber Lamp c/w Washers and Nut	2
5	LK6400	Red Lamp c/w Washers and Nuts	1
6	DG5308	1/2" (12.7mm) x 2" (50.8mm) x 3" (76.2mm) U Bolt	2
7	B050075	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" (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 Red Lamps	4
16	LK6410	Red Lens – For Red Lamps	1
17	D13117	Plastic Loom – 25' (7.6m) – 1/2" (12.7mm) Loom 12' (3.7m) – 3/8" (9.4mm) Loom	1

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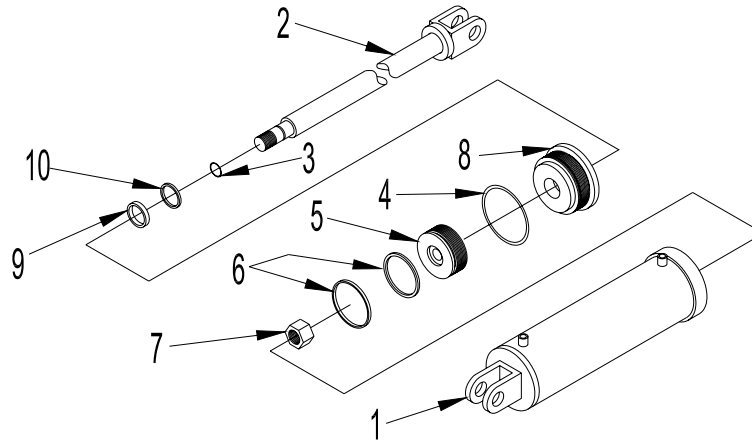


Stabilizer Beam Assembly - Used on 40' & 40-1/2' (12.19m & 12.34m) SIZES ONLY

REF NO.	PART NO.	DESCRIPTION	QTY REQ'D
1	DG13538	Stabilizer beam 242" – R.H.	1
2	DG13539	Stabilizer beam 220" – L.H.	1
3	DG13542	Mount plate	1
4	C55203	3/4" (19.1mm) x 4" (101.6mm) x 5 5/8" (142.8mm) U-bolt	4
5	BN075	3/4" (19.1mm) N.C. Hex Nut	16
6	BW075L	3/4" (19.1mm) Lockwasher	32

* as required

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R.H. MAIN ROCKSHAFT CYLINDER - 4" (101.6mm) x 24" (610mm) REPHASING 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	100R18	1" (25.4mm) O.D. x 7/8" (22.2mm) I.D. O-Ring	1
4	100R17	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" (101.6) O.D. x 2" (50.8mm) I.D.w/Flat Head	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

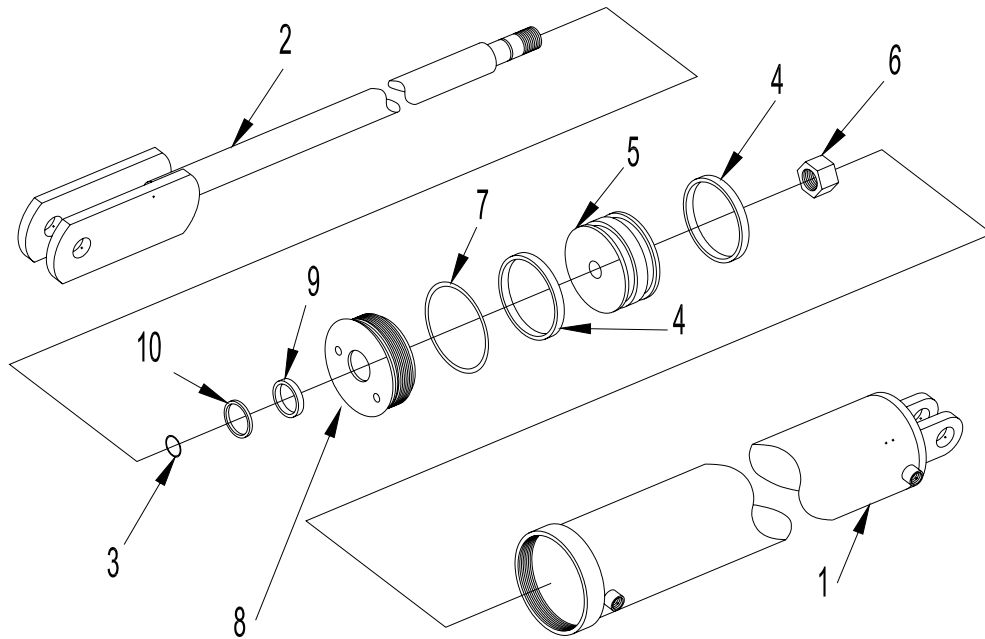
L.H. WING ROCKSHAFT CYLINDER - 3-1/2" (88.9mm) x 24" (610mm) REPHASING CYLINDER #305

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	35TU15	Tube Assembly - 3-1/2" (88.9mm) x 24" (610mm)	1
2	10SH59	Shaft - 1-3/4" (44.4mm) x 24" (610mm)	1
3	100R18	1" (25.4mm) O.D. x 7/8" (22.2mm) I.D. O-Ring	1
4	100R8	3-1/2" (88.9mm) O.D. x 3/16" (4.76mm) O-Ring	1
5	35PB8	Piston - 3-1/2" (88.9mm) O.D. x 1" (25.4mm) I.D.	1
6	35PS1	Piston Seal Assembly	1
7	10NU4	1" (25.4mm) - 14 N.F. Hex Nut	1
8	35HP9	Head Plate - 3-1/2" (88.9mm) 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

R.H. WING ROCKSHAFT CYLINDER - 3" (76.2mm) x 24" (610mm) REPHASING 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	100R18	1" (25.4mm) O.D. x 7/8" (22.2mm) I.D. O-Ring	1
4	100R3	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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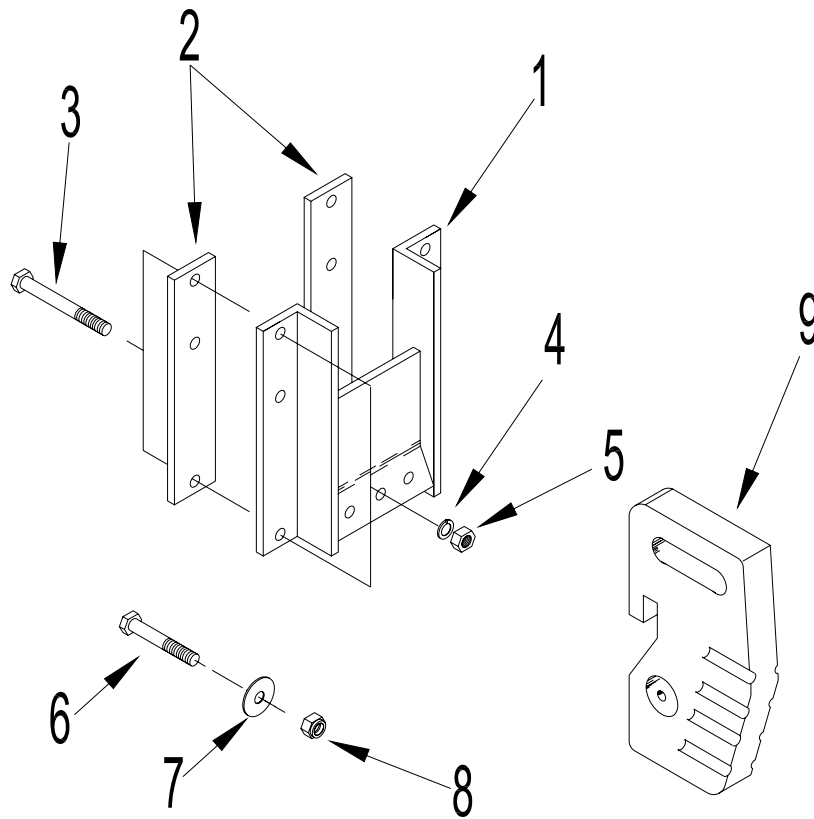
WING LIFT CYLINDER - 5" (127mm) x 36" (914mm) CYLINDER #242

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" (12.7mm) 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 #
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

MODEL 4590 DISC



WING WEIGHTS

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DW13547	Weight Carrier	1
2	DW13548	Backing Plate	2
3	B062060	5/8" x 6" N.C. (15.7 x 152mm) Hex Bolt	4
4	BW062L	5/8" (15.7mm) Lockwasher	4
5	BN062	5/8" (15.7mm) Nut	4
6	B062045	5/8" x 4-1/2" N.C. (15.7 x 114mm) Hex Bolt	3
7	---	5/8" I.D. (15.7mm) Flatwasher	3
8	BN062L	5/8" (15.7mm) Nylon Locknut	3
9	DW13546	78 LBS (35.4 Kg) Weight Segments	*