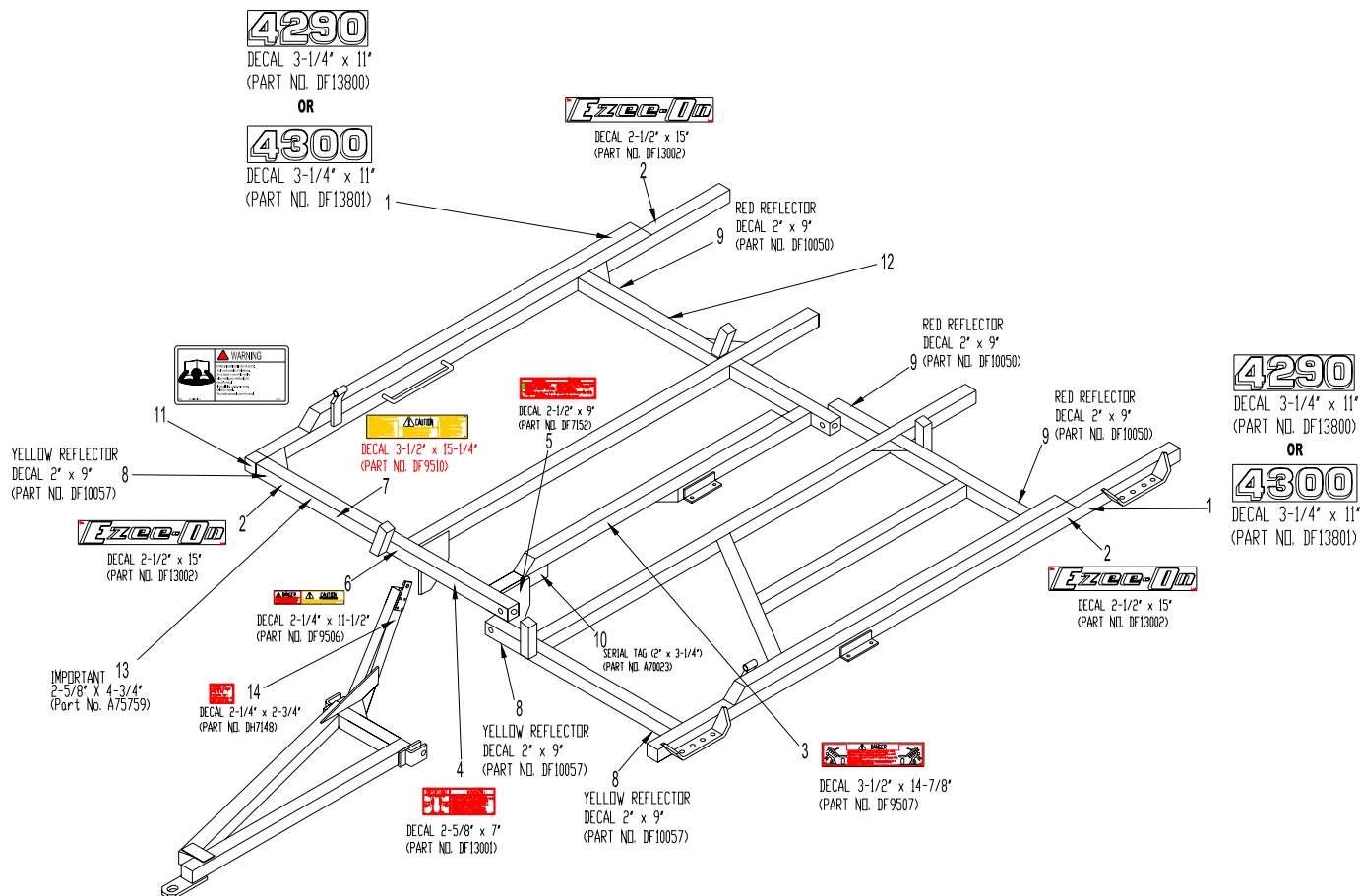


MODEL 4290-4300
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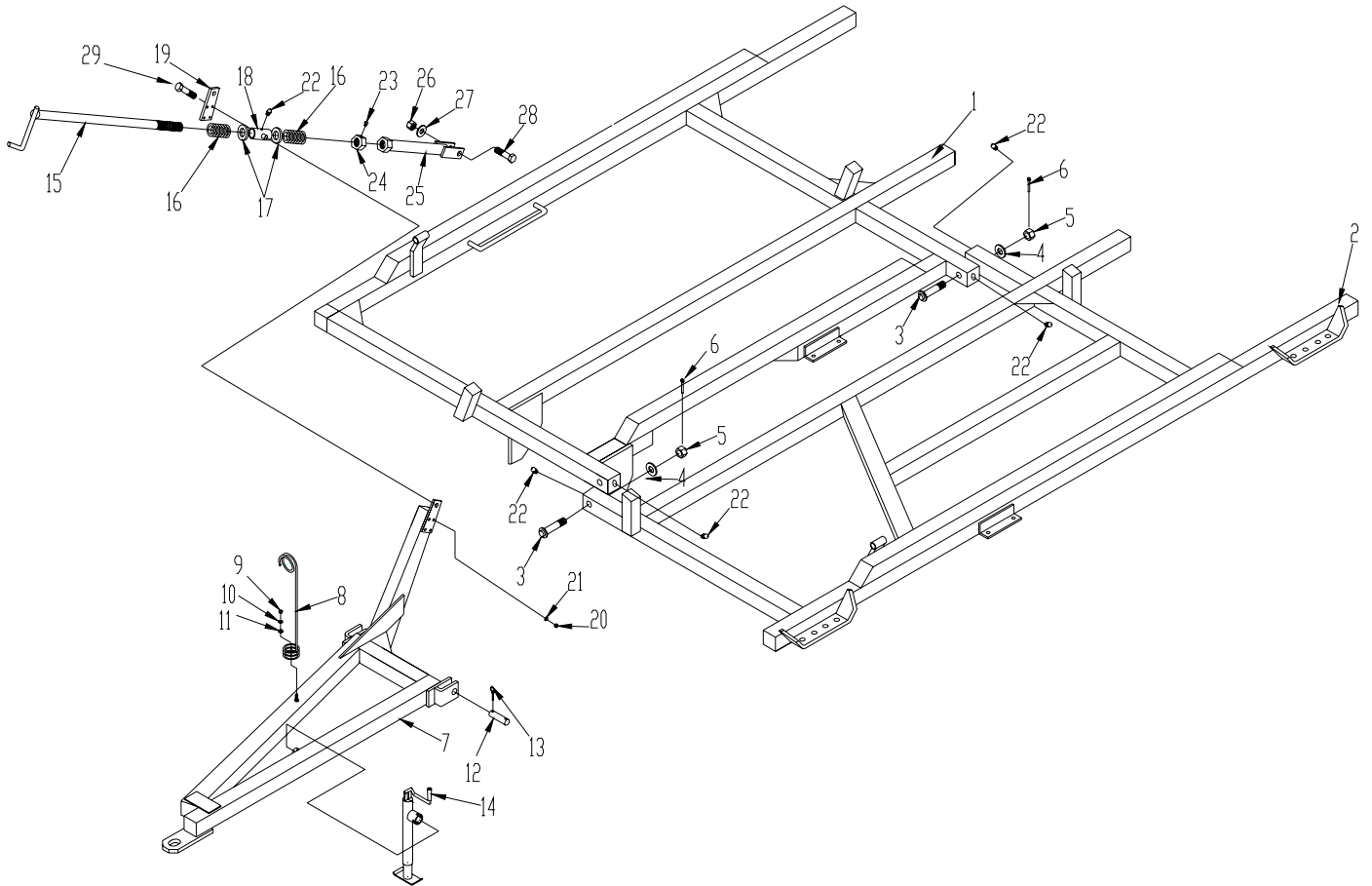
MODEL 4290-4300 DISC



PAINT AND DECALS

REF NO.	PART NO.	DESCRIPTION	QTY REQ'D
1	DF13801	4300 Decal (3-1/4" (82.6mm) x 11" (279mm))	2
	DF13800	4290 Decal (3-1/4" (82.6mm) x 11" (279mm))	2
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 Decal (2" (50.8mm) x 9" (228.6mm))	6
9	DF10050	Red Reflector Decal (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 (2-5/16" (58.7mm) x 4-1/2" (114.3mm))	1
12	DF9508	Caution Decal (2-5/8" (66.7mm) x 7" (178mm))	1
13	A75759	Important Decal (2-5/8" (66.7mm) x 4-3/4" (120.7mm))	1
14	DH7148	Hitch Decal (2-1/4" (57.2mm) x 2-3/4" (69.9mm))	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	*

MODEL 4290-4300 DISC

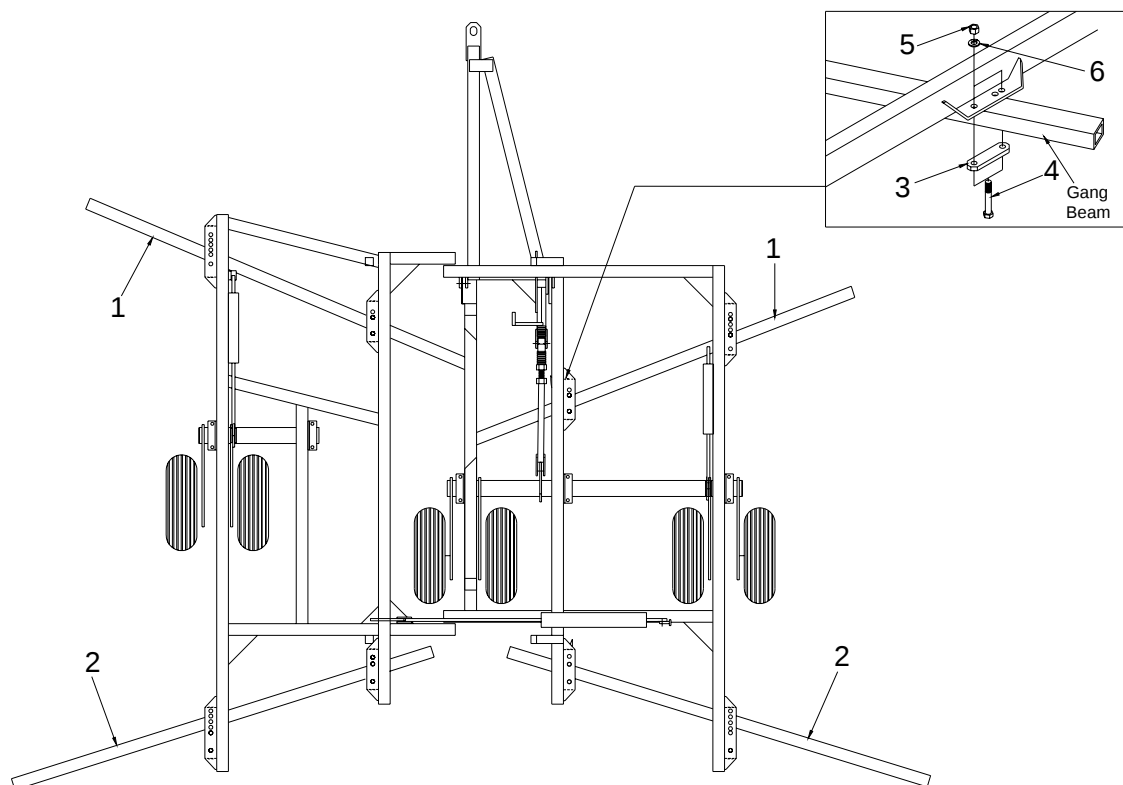


FRAME, HITCH AND LEVELING CRANK

REF NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DFB8662	Main Frame	1
2	DFA8663	Wing Frame	1
3	DFA8125	Hinge Bolt – 12-1/2" (317.5mm) Overall Length	2
4	DH3	Washer – 4" (101.6mm) O.D. x 2" (50.8mm) I.D. x 1/2" (12.7mm)	2
5	DG82	2" (50.8mm) N.C. Slotted Nut	2
6	--	3/8" (9.53mm) x 3" (76.2mm) Cotter Pin	1
7	DHB8554	Hitch c/w Pins and Crank Lug	1
8	DH9961	Hose support – Spring Coil Type	1
9	--	5/8" (15.7mm) N.C. Hex Nut	1
10	--	5/8" (15.7mm) Lockwasher	1
11	--	11/16" (17.2mm) I.D. x 1-3/4" (44.4mm) O.D. Flatwasher	1
12	DH8562	Hitch Pin– 1-1/4" (31.8mm) Dia. X 5" (127mm)	2
13	DH12517	7/16" (10.9mm) x 1-7/16" (36.3mm) Lynch Pin	4
14	DHB5170	Hitch Jack	1

REF NO.	PART NO.	DESCRIPTION	QTY. REQ'D
15	DCA3	Leveling Crank – 33" (838.2mm) Long	1
16	DC5187	Compression Spring – Leveling Crank	2
17	DC15	Thrust Bearing – Timeken # T199	2
18	DCA5184	Bearing Tube – Leveling Crank	1
19	DH5146	Leveling Arm Lug	1
20	--	1/2" (12.7mm) N.C. Hex Nut	4
21	--	1/2" (12.7mm) Lockwasher	4
22	10GN1	1/4" (6.35mm) – 28 Straight Grease Fitting	6
23	--	1/2" (12.7mm) x 1" (25.4mm) N.C. Square Head Set Screw	1
24	DH5	2" (50.8mm) N.C. Heavy Hex Nut	1
25	DCA8577	Leveling Link- 29" (736.6mm) Pipe Length	1
26	--	1-1/4" (31.8mm) N.C. Hex Nut	1
27	--	1-1/4" (31.8mm) Lockwasher	3
28	DR5215	1-1/4" (31.8mm) x 4-3/4" (120.7mm) N.C. Hex Bolt (Special)	1
29	--	1/2" (12.7mm) x 5" (127mm) N.C. Hex Bolt	4

MODEL 4290-4300 DISC



Gang Beam Assembly

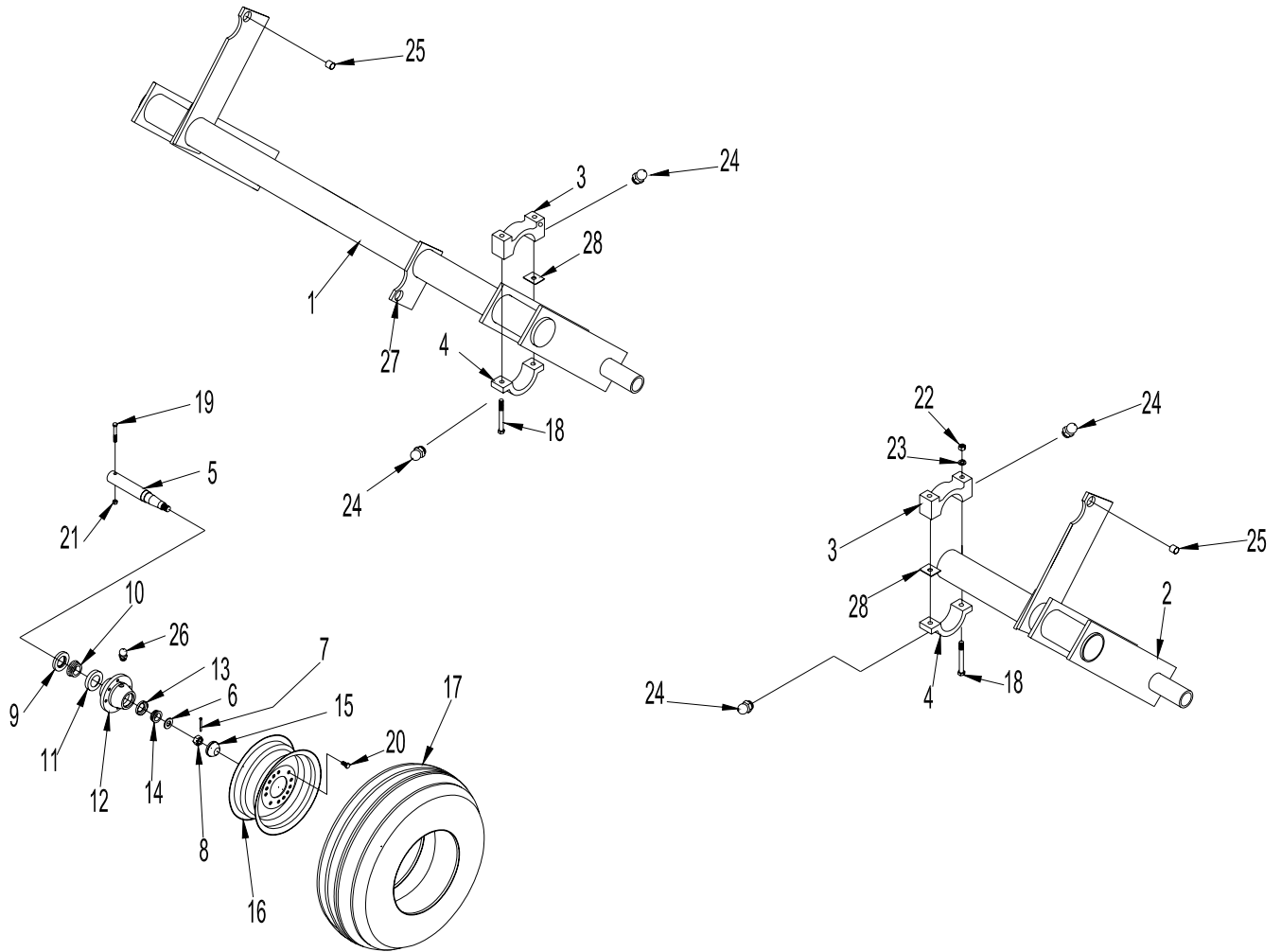
REF NO.	PART NO.	DESCRIPTION	QTY REQ'D
1		<u>FRONT GANG BEAM FOR 8" (203.2mm) SPACING – 4290 DISC ONLY</u>	
	DBS4-105	105" (2667mm) Gang Beam (4" 101.6mm) x 4" (101.6mm)) – 50 Blade Disc	2
	DBS4-112	112" (2845mm) Gang Beam (4" 101.6mm) x 4" (101.6mm)) – 54 Blade Disc	2
	DBS4-112	112" (2845mm) Gang Beam (4" 101.6mm) x 4" (101.6mm)) – 58 Blade Disc	2
	DBS4-120	120" (3048mm) Gang Beam (4" 101.6mm) x 4" (101.6mm)) – 62 Blade Disc	2
	DBS4-126	126" (3200mm) Gang Beam (4" 101.6mm) x 4" (101.6mm)) – 66 Blade Disc	2
	DBS4-136	136" (3454mm) Gang Beam (4" 101.6mm) x 4" (101.6mm)) – 70 Blade Disc	2
	DBS4-144	144" (3658mm) Gang Beam (4" 101.6mm) x 4" (101.6mm)) – 74 Blade Disc	2
		<u>FRONT GANG BEAM FOR 9" (228.6mm) SPACING – 4290 DISC ONLY</u>	
	DBS4-105	105" (2667mm) Gang Beam (4" 101.6mm) x 4" (101.6mm)) – 46 Blade Disc	2
	DBS4-112	112" (2845mm) Gang Beam (4" 101.6mm) x 4" (101.6mm)) – 50 Blade Disc	2
	DBS4-116	116" (2947mm) Gang Beam (4" 101.6mm) x 4" (101.6mm)) – 54 Blade Disc	2
	DBS4-126	126" (3200mm) Gang Beam (4" 101.6mm) x 4" (101.6mm)) – 58 Blade Disc	2
	DBS4-136	136" (3454mm) Gang Beam (4" 101.6mm) x 4" (101.6mm)) – 62 Blade Disc	2
	DBS4-144	144" (3658mm) Gang Beam (4" 101.6mm) x 4" (101.6mm)) – 66 Blade Disc	2
		<u>FRONT GANG BEAM FOR 9" (228.6mm) SPACING – 4300 DISC ONLY</u>	
	DBS105	105" (2667mm) Gang Beam (6" (152.4mm) x 4" (101.6mm)) – 46 Blade Disc	2
	DBS112	112" (2845mm) Gang Beam (6" (152.4mm) x 4" (101.6mm)) – 50 Blade Disc	2
	DBS116	116" (2947mm) Gang Beam (6" (152.4mm) x 4" (101.6mm)) – 54 Blade Disc	2
	DBS126	126" (3200mm) Gang Beam (6" (152.4mm) x 4" (101.6mm)) – 58 Blade Disc	2
	DBS136	136" (3454mm) Gang Beam (6" (152.4mm) x 4" (101.6mm)) – 62 Blade Disc	2
	DBS144	144" (3658mm) Gang Beam (6" (152.4mm) x 4" (101.6mm)) – 66 Blade Disc	2
		<u>FRONT GANG BEAM FOR 10-1/2" (266.7mm) SPACING – 4300 DISC ONLY</u>	
	DBS112	112" (2845mm) Gang Beam (6" (152.4mm) x 4" (101.6mm)) – 42 Blade Disc	2
	DBS112	112" (2845mm) Gang Beam (6" (152.4mm) x 4" (101.6mm)) – 46 Blade Disc	2
	DBS120	120" (3048mm) Gang Beam (6" (152.4mm) x 4" (101.6mm)) – 50 Blade Disc	2
	DBS136	136" (3454mm) Gang Beam (6" (152.4mm) x 4" (101.6mm)) – 54 Blade Disc	2
	DBS144	144" (3658mm) Gang Beam (6" (152.4mm) x 4" (101.6mm)) – 58 Blade Disc	2

MODEL 4290-4300 DISC

Gang Beam Assembly (Continued)

REF NO.	PART NO.	DESCRIPTION	QTY REQ'D
2		<u>REAR GANG BEAM FOR 8" (203.2mm) SPACING – 4290 DISC ONLY</u>	
	DBS4-105	105" (2667mm) Gang Beam (4" 101.6mm) x 4" (101.6mm)) – 50 Blade Disc	2
	DBS4-112	112" (2845mm) Gang Beam (4" 101.6mm) x 4" (101.6mm)) – 54 Blade Disc	2
	DBS4-120	120" (3048mm) Gang Beam (4" 101.6mm) x 4" (101.6mm)) – 58 Blade Disc	2
	DBS4-128	128" (3251mm) Gang Beam (4" 101.6mm) x 4" (101.6mm)) – 62 Blade Disc	2
	DBS4-136	136" (3454mm) Gang Beam (4" 101.6mm) x 4" (101.6mm)) – 66 Blade Disc	2
	DBS4-144	144" (3658mm) Gang Beam (4" 101.6mm) x 4" (101.6mm)) – 70 Blade Disc	2
	DBS4-152	152" (3861mm) Gang Beam (4" 101.6mm) x 4" (101.6mm)) – 74 Blade Disc	2
		<u>REAR GANG BEAM FOR 9" (228.6mm) SPACING – 4290 DISC ONLY</u>	
	DBS4-105	105" (2667mm) Gang Beam (4" 101.6mm) x 4" (101.6mm)) – 46 Blade Disc	2
	DBS4-116	116" (2947mm) Gang Beam (4" 101.6mm) x 4" (101.6mm)) – 50 Blade Disc	2
	DBS4-126	126" (3200mm) Gang Beam (4" 101.6mm) x 4" (101.6mm)) – 54 Blade Disc	2
	DBS4-136	136" (3454mm) Gang Beam (4" 101.6mm) x 4" (101.6mm)) – 58 Blade Disc	2
	DBS4-144	144" (3658mm) Gang Beam (4" 101.6mm) x 4" (101.6mm)) – 62 Blade Disc	2
	DBS4-152	152" (3861mm) Gang Beam (4" 101.6mm) x 4" (101.6mm)) – 66 Blade Disc	2
		<u>REAR GANG BEAM FOR 9" (228.6mm) SPACING – 4300 DISC ONLY</u>	
	DBS105	105" (2667mm) Gang Beam (6" (152.4mm) x 4" (101.6mm)) – 46 Blade Disc	2
	DBS116	116" (2947mm) Gang Beam (6" (152.4mm) x 4" (101.6mm)) – 50 Blade Disc	2
	DBS126	126" (3200mm) Gang Beam (6" (152.4mm) x 4" (101.6mm)) – 54 Blade Disc	2
	DBS136	136" (3454mm) Gang Beam (6" (152.4mm) x 4" (101.6mm)) – 58 Blade Disc	2
	DBS144	144" (3658mm) Gang Beam (6" (152.4mm) x 4" (101.6mm)) – 62 Blade Disc	2
	DBS152	152" (3861mm) Gang Beam (6" (152.4mm) x 4" (101.6mm)) – 66 Blade Disc	2
		<u>REAR GANG BEAM FOR 10-1/2" (266.7mm) SPACING – 4300 DISC ONLY</u>	
	DBS112	112" (2845mm) Gang Beam (6" (152.4mm) x 4" (101.6mm)) – 42 Blade Disc	2
	DBS126	126" (3200mm) Gang Beam (6" (152.4mm) x 4" (101.6mm)) – 46 Blade Disc	2
	DBS136	136" (3454mm) Gang Beam (6" (152.4mm) x 4" (101.6mm)) – 50 Blade Disc	2
	DBS144	144" (3658mm) Gang Beam (6" (152.4mm) x 4" (101.6mm)) – 54 Blade Disc	2
	DBS155	155" (3937mm) Gang Beam (6" (152.4mm) x 4" (101.6mm)) – 58 Blade Disc	2
3	DG13815	Gang Beam Clamp Plate (4290 only)	16
	DG7162	Gang Beam Clamp Plate (4300 only)	16
4	--	1-1/4" (31.8mm) x 7-1/2" (190.5mm) N.C. Hex Bolt Gr. 5 (Plated)	16
5	--	1-1/4" (31.8mm) N.C. Hex Nut (Plated)	16
6	--	1-1/4" (31.8mm) Lockwasher (Plated)	16

MODEL 4290-4300 DISC



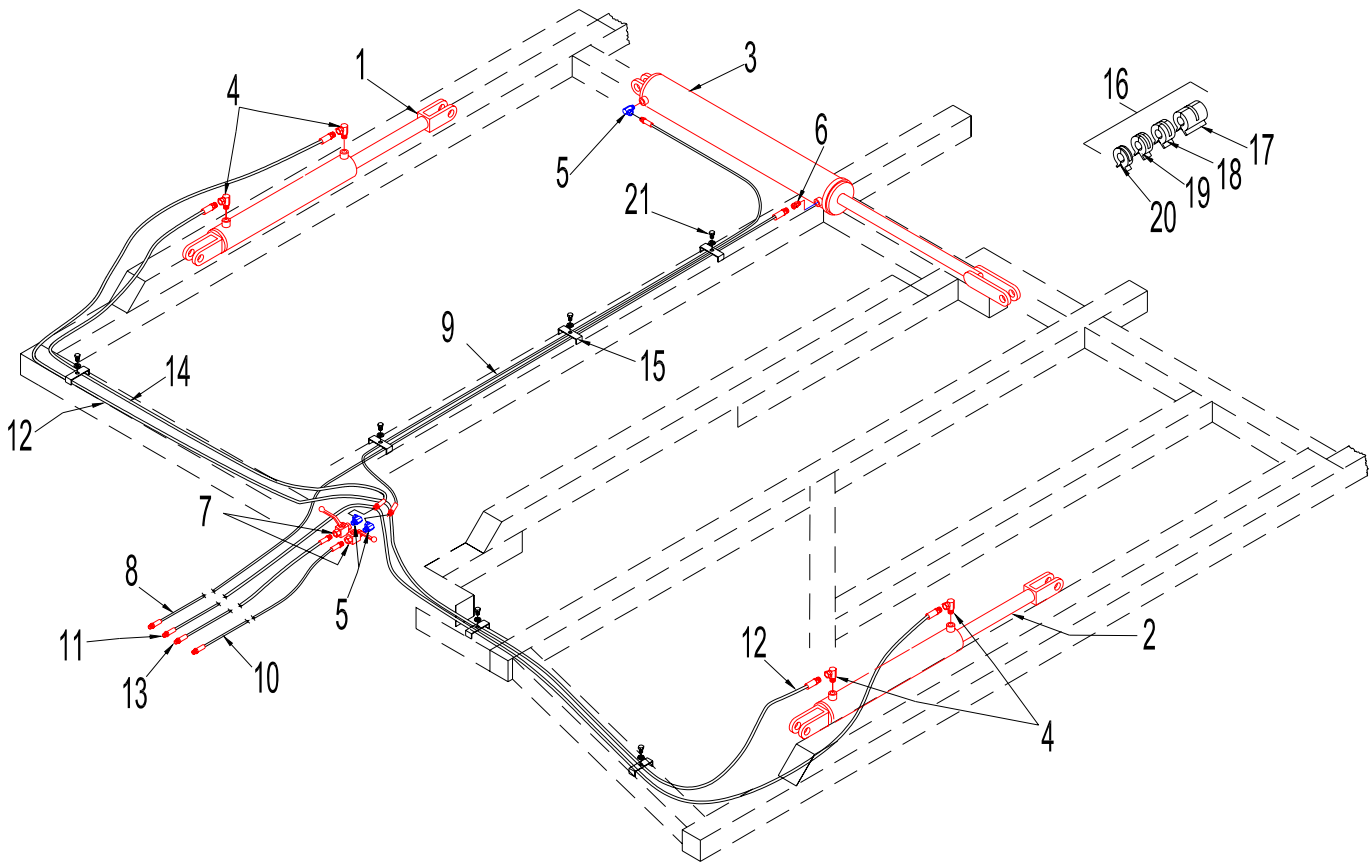
ROCKSHAFT & WHEEL ASSEMBLY

REF. NO	PART. NO	DESCRIPTION	QTY. REQ'D
1	DRA8660	Main Frame Rockshaft	1
2	DRA13093	Wing Rockshaft	1
3	DR8601T	Rockshaft Bearing – top half	7
4	DR8601B	Rockshaft Bearing – bottom half	7
5	DR7156	618 Spindle – 14-1/2" (368.3 mm)	*
6	--	2" (50.8 mm) O.D. x 1-1/16" (27.0 mm) I.D. x 1/8" (3.2 mm) Flatwasher	*
7	--	3/16" (4.8 mm) x 1-1/4" (31.2 mm) Cotter Pin	*
8	DR110	1" (25.4 mm) N.F. Hex Slotted Nut	*
9	DR122	Grease Seal	*
10	DR120	Cone Bearing - #LM25580	*
11	DR118	Cup - #LM25520	*
12	DRA9	618 Hub c/w Cups	*
13	DR92	Cup - #LM48510	*
14	DR91	Cone-bearing - #LM48548	*

REF. NO	PART. NO	DESCRIPTION	QTY. REQ'D
15	DR123	Hub cap	*
16	C60160	15" (381 mm) x 8" (203.2 mm) – 6 bolt rim w/stem protector	*
17	--	11L x 15 FI Load Range C Tire (Main Frame Only of Model 4290)	4
		11L x 15 FI Load Range D Tire (Main Frame Only of Model 4300)	4
		11L x 15 FI Load Range C Tire (Wing Frames Only of Model 4290-4300)	*
18	--	3/4" (19.1 mm) x 6-1/2" (165.1 mm) N.C. Hex Bolt Gr. 5	*
19	--	1/2" (12.7 mm) x 3-1/2" (88.9 mm) N.C. Hex Bolt Gr. 5 (plated)	*
20	DR125	9/16" (14.3 mm) N.F. x 1-1/8" (28.6 mm) Wheel Bolt (plated)	*
21	--	1/2" (12.7 mm) N.C. Nylon Locknut (plated)	*
22	--	3/4" (19.1 mm) N.C. Hex Nut	*
23	--	3/4" (19.1 mm) Lockwasher	*
24	10GN1	1/4" (6.35 mm) – 28 Straight Grease Fitting	*
25	DR13120	1-1/4" (31.7mm) I.D. x 1-1/4" (31.7mm) Long Steel Insert	3
26	10GN3	Pressed in grease fitting	*
27	DR5227	1-1/4" (31.7mm) I.D. Ball Joint (Weld-On)	1
28	C50692	Bearing Shim – 2-1/4" (57.2mm) x 3" (76.2mm)	*

*as required

MODEL 4290-4300 DISC

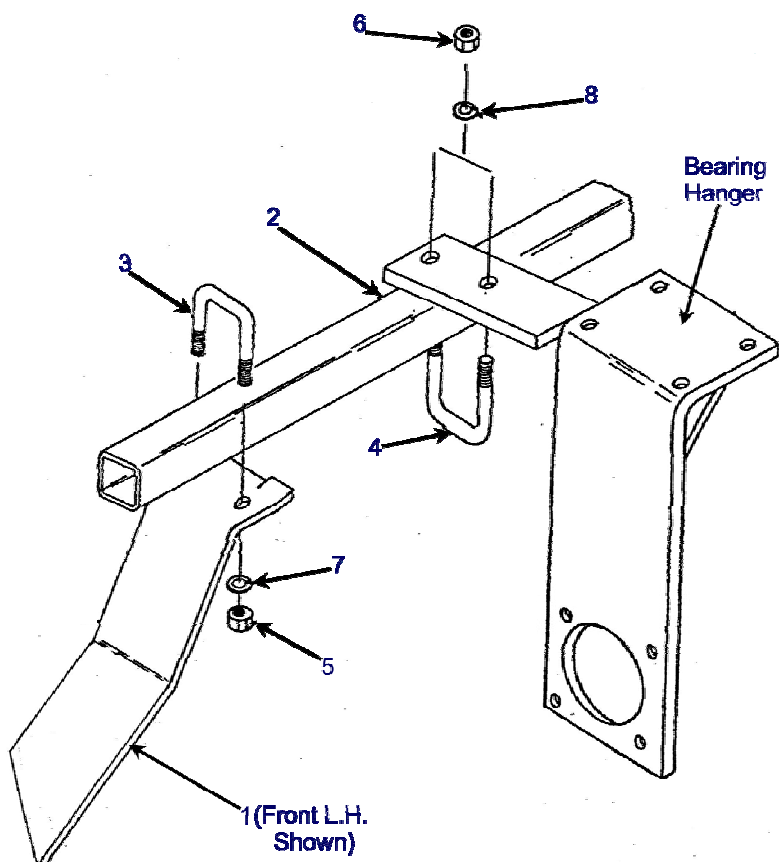


HYDRAULIC SYSTEM

REF NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	305	3-1/2" (88.9mm) x 24" (610mm) Main Frame Rockshaft Cylinder	1
2	304	3" (76.2mm) x 24" (610mm) Wing Frame Rockshaft Cylinder	1
	242	5" (127mm) x 36" (914.4mm) Wing Lift Cylinder-	1
4	DL9775	1/2" (12.7mm) x 90 degree Swivel Street Elbow	1
5	DL9769	3/8" (9.39mm) x 90 degree Swivel Street Elbow	1
6	L1619	3/8" (9.39mm) Male- Female Swivel Adapter	2
7	DL13099	Hydraulic Lockout Valve	2
8	D4365	1/4" (6.35mm) x 254" (6452mm) hyd. Hose c/w 3/8" (9.39mm) ends	2
			1
9	D4366	1/4" (6.35mm) x 158" (3861mm) hyd. Hose c/w 3/8" (9.39mm) ends	1
10	D4367	1/4" (6.35mm) x 124" (3150mm) hyd. Hose c/w 3/8" (9.39mm) ends	1

REF NO.	PART NO.	DESCRIPTION	QTY. REQ'D
11	D4368	3/8" (9.39mm) x 274" (6960mm) hyd. Hose c/w 1/2" (12.7mm) ends	1
12	D4369	3/8" (9.39mm) x 237" (6020mm) hyd. Hose c/w 1/2" (12.7mm) ends	1
13	D4370	3/8" (9.39mm) x 124" (3150mm) hyd. hose c/w - 3/8" (9.39mm) and - 1/2" (12.7mm) ends	1
14	D4371	3/8" (9.39mm) x 97" (2464mm) hyd. hoses c/w - 3/8" (9.39mm) and - 1/2" (12.7mm) ends	1
15	DL13186	Retainer - 2 hose	6
16	C50724	Wadler Stroke Control Segments (8-3/4" (222mm) package)	2
17	C50717	4-1/4" (108mm) Depth Stop	2
18	C50714	2" (50.8mm) Depth Stop	2
19	C50712	1-1/2" (38.1mm) Depth Stop	2
20	C50712	1" (25.4mm) Depth Stop	2
21	--	1/2" (12.7mm) x 3/4" (19.0mm) N.C. Hex Bolt Gr. 5 (plated)	6

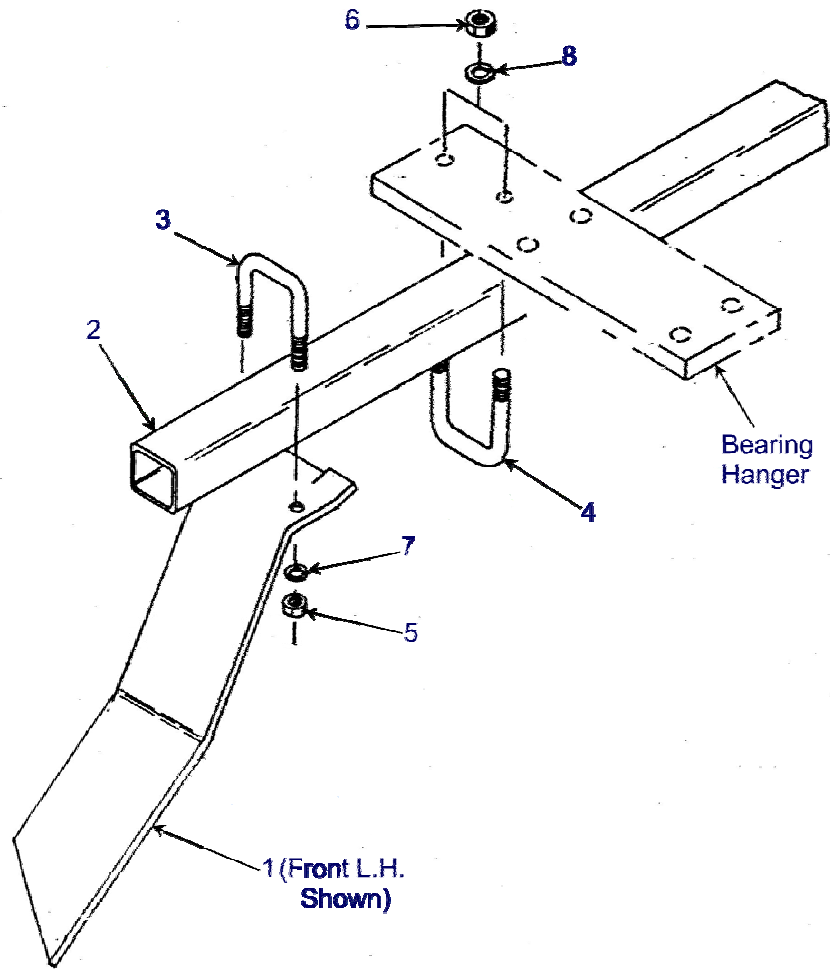
MODEL 4290 DISC



SCRAPER ASSEMBLY – 4290 ONLY

REF NO.	PART NO.	DESCRIPTION	QTY REQ'D
1	DG6083	Front L.H., Rear R.H. Scraper	*
	DG6084	Front R.H., Rear L.H. Scraper	*
2		SCRAPER BAR FOR 8" (203.2mm) SPACING DISC	
	DS49	6 Blade Scraper Bar – 49" (1245mm)	*
	DS57	7 Blade Scraper Bar – 57-1/2" (1461mm)	*
	DS65	8 Blade Scraper Bar – 65-1/2" (1664mm)	*
	DS73	9 Blade Scraper Bar – 73-1/2" (1867mm)	*
	DS82	10 Blade Scraper Bar – 82" (2083mm)	*
	DS90	11 Blade Scraper Bar – 90" (2286mm)	*
	DS99	12 Blade Scraper Bar – 99" (2515mm)	*
	DS107	13 Blade Scraper Bar – 107" (2718mm)	*
	DS112	13 Blade Scraper Bar (For Front Gang with Outboard Bearing) – 112" (2845mm)	*
	DS115	14 Blade Scraper Bar – 115-1/2" (2934mm)	*
	DS123	15 Blade Scraper Bar – 123-1/2" (3137mm)	*
		SCRAPER BAR FOR 9" (228.6mm) SPACING DISC	
	DS55	6 Blade Scraper Bar – 55" (1397mm)	*
	DS64	7 Blade Scraper Bar – 64" (1626mm)	*
	DS73	8 Blade Scraper Bar – 73-1/2" (1867mm)	*
	DS82	9 Blade Scraper Bar – 82" (2083mm)	*
	DS92	10 Blade Scraper Bar – 92" (2337mm)	*
	DS101	11 Blade Scraper Bar – 101-1/2" (2578mm)	*
	DS110	12 Blade Scraper Bar – 110" (2794mm)	*
	DS116	12 Blade Scraper Bar (For Front Gang with Outboard Bearing)- 116-1/2" (2959mm)	*
	DS120	13 Blade Scraper Bar – 120" (3048mm)	*
	DS129	14 Blade Scraper Bar – 129-1/2" (3289mm)	*
3			*
4	DG5308	1/2" (12.7mm) x 2" (50.8mm) U-Bolt (Plated)	*
5	DG5309	5/8" (15.9mm) x 2" (50.8mm) U-Bolt (Plated)	*
6	--	1/2" (12.7mm) N.C. Hex Nut (Plated)	*
7	--	5/8" (15.9mm) N.C. Hex Nut (Plated)	*
8	--	1/2" (12.7mm) Lockwasher (Plated)	*
	--	5/8" (15.9mm) Lockwasher (Plated)	*

MODEL 4300 DISC

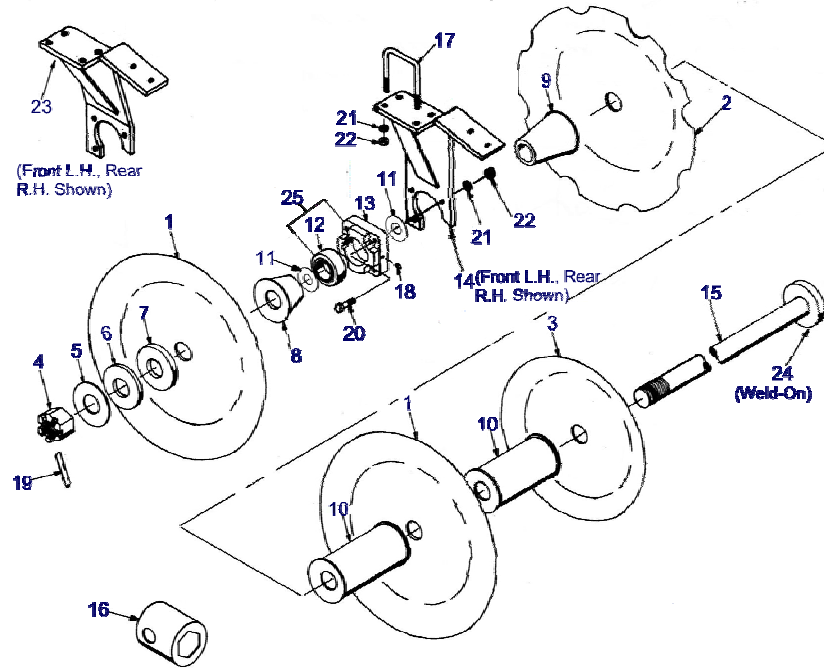


SCRAPER ASSEMBLY – 4300 ONLY

REF NO.	PART NO.	DESCRIPTION	QTY REQ'D
1	DG5300	Front L.H., Rear R.H. Scraper	*
	DG5301	Front R.H., Rear L.H. Scraper	*
	DG5304	Front L.H., Rear R.H. (For Cone Blades Only) Scraper	*
	DG5305	Front R.H., Rear L.H. (For Cone Blades Only) Scraper	*
2		SCRAPER BAR FOR 9" (228.6mm) SPACING DISCS	
	DS55	6 Blade Scraper Bar – 55" (1397mm)	*
	DS64	7 Blade Scraper Bar – 64" (1626mm)	*
	DS73	8 Blade Scraper Bar – 73-1/2" (1867mm)	*
	DS82	9 Blade Scraper Bar – 82" (2083mm)	*
	DS92	10 Blade Scraper Bar – 92" (2337mm)	*
	DS101	11 Blade Scraper Bar – 101-1/2" (2578mm)	*
	DS110	12 Blade Scraper Bar – 110" (2794mm)	*
	DS116	12 Blade Scraper Bar (For Front Gang with Outboard Bearing)- 116-1/2" (2959mm)	*
	DS120	13 Blade Scraper Bar – 120" (3048mm)	*
	DS129	14 Blade Scraper Bar – 129-1/2" (3289mm)	*

REF NO.	PART NO.	DESCRIPTION	QTY REQ'D
		SCRAPER BAR FOR 10-1/2" (266.7mm) SPACING DISCS	
	DS94	9 Blade Scraper Bar – 94-1/2" (2400mm)	*
	DS105	10 Blade Scraper Bar – 105" (2667mm)	*
	DS112	10 Blade Scraper Bar (For Front Gang with Outboard Bearing)- 112" (2845mm)	*
	DS115	11 Blade Scraper Bar – 115-1/2" (2934mm)	*
	DS127	12 Blade Scraper Bar – 127-1/2" (3239mm)	*
	DS138	13 Blade Scraper Bar – 138" (3505mm)	*
	DS149	14 Blade Scraper Bar – 149" (3785mm)	*
3	DG5308	1/2" (12.7mm) x 2" (50.8mm) U-Bolt (Plated)	*
4	DG5309	5/8" (15.9mm) x 2" (50.8mm) U-Bolt (Plated)	*
5	--	1/2" (12.7mm) N.C. Hex Nut (Plated)	*
6	--	5/8" N.C. Hex Nut (Plated)	*
7	--	1/2" (12.7mm) Lockwasher (Plated)	*
8	--	5/8" (15.9mm) Lockwasher (Plated)	*

MODEL 4290 DISC

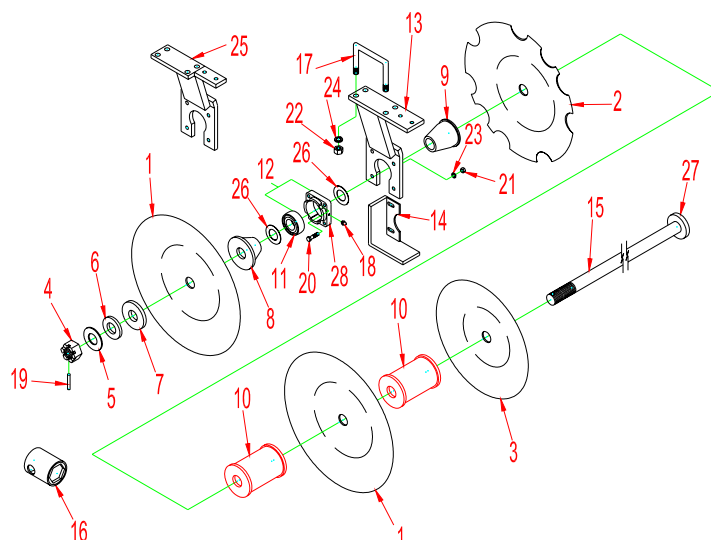


DISC GANG ASSEMBLY WITH STANDARD HANGERS – 4290 ONLY

REF. NO	PART. NO	DESCRIPTION	QTY. REQ'D
1	DG60 DG76 DG137	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	* * *
2	DG61 DG138	22" (558.8 mm) x 7mm (.275) Notched Blade 24" (609.6 mm) x 8mm (5/16) Notched Blade	* *
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	¼" (6.35 mm) Shim Washer	*
6	DG88	½" (12.7 mm) Shim Washer	*
7	DG78	5" (127mm) O.D. x 2" (50.8mm) I.D. x 5/8" (15.9mm) Head Washer	*
8	DG108 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	DGA102 DGA103	9" (228.6mm) Spacing Long Half Spool – 4-7/16" (112.7mm) Long (211) 9" (228.6mm) Spacing Long Half Spool – 4-3/16" (106.3mm) Long (EZ410N)	* *
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 DG237	3-5/8" (92.1 mm) O.D. x 2" (50.8 mm) I.D. x 1/16" (1.59 mm) Bearing Shield – 211 Bearing 4-1/2" (114.3 mm) O.D. x 2" (50.8 mm) I.D. x 1/16" (1.59 mm) Bearing Shield – EZ410N Bearing	* *
12	DG95 D65364	211 Series Greaseable Bearing EZ410N Series Greaseable Bearing	* *
13	DG94 DG96	211 Bearing Housing Only EZ410N Bearing Housing Only	* *
14	DGA6089 DGA6090 DGA10280 DGA10281	Front L.H., Rear R.H. Straight Bearing Hanger – 211 Bearing Front R.H., Rear L.H. Straight Bearing Hanger – 211 Bearing Front L.H., Rear R.H. Straight Bearing Hanger – EZ410N Bearing Front R.H., Rear L.H. Straight Bearing Hanger – EZ410N Bearing	* * * *

REF. NO	PART. NO	DESCRIPTION	QTY. REQ'D
15	DGA86 DGA87 DGA88 DGA89 DGA90 DGA91 DGA92 DGA93 DGA94 DGA95	GANG BOLTS – 8" (203.2mm) SPACING 6 Blade Gang Bolt – 47" (1194mm) Long 7 Blade Gang Bolt – 55-1/2" (1410mm) 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 15 Blade Gang Bolt – 122-1/4" (3105mm) Long	* * * * * * * * * *
	DGA65 DGA66 DGA67 DGA68 DGA69 DGA70 DGA71 DGA72 DGA73 DGA74	GANG BOLTS – 9" (228.6mm) SPACING 5 Blade Gang Bolt – 42-3/4" (1086mm) Long 6 Blade Gang Bolt – 52" (1321mm) Long 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	* * * * * * * * * *
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	¼" (6.35mm) x 28 Grease Fitting	*
19	DG10310	7/16" (11.1mm) x 3" (76.2mm) Lock Pin	*
20	--	½" (12.7mm) x 2-1/4" (57.2mm) N.C. Hex Bolt – 211 Bearing (plated)	*
	--	5/8" (15.9mm) x 2-1/4" (57.2mm) N.C. Hex Bolt – 410 Bearing (plated)	*
21	--	½" (12.7mm) Lockwasher – 211 Bearing	*
	--	5/8" (15.9mm) Lockwasher – 410 Bearing	*
22	--	½" (12.7mm) Hex Nut – 211 Bearing	*
	--	5/8" (15.9mm) Hex Nut – 410 Bearing	*
23	DGA6091 DGA6092 DGA10282 DGA10283	Front R.H., Rear L.H. 2" (50.8mm) Offset Hanger – 211 Series Front L.H., Rear R.H. 2" (50.8mm) Offset Hanger – 211 Series Front R.H., Rear L.H. 2" (50.8mm) Offset Hanger – EZ410N Series Front L.H., Rear R.H. 2" (50.8mm) Offset Hanger – EZ410N Series	* * * *
24	DGA5370	5-1/2" (139.7 mm) Gang Washer – Weld-on	*
25	DGB5334 DGB5363	211 Housing c/w Bearing and Grease Fitting EZ410N Housing c/w Bearing and Grease Fitting	* *

MODEL 4300 DISC

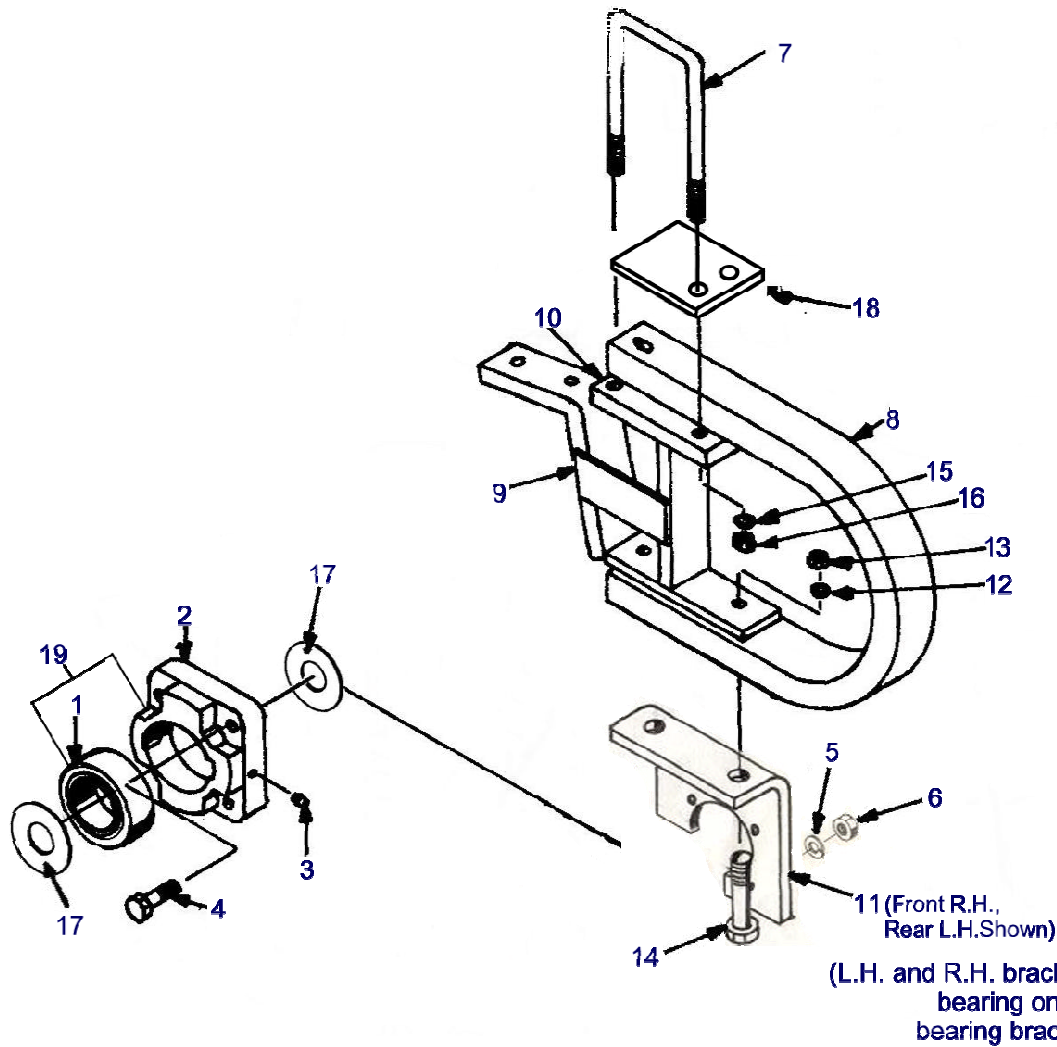


DISC GANG ASSEMBLY WITH STANDARD HANGERS 4300 DISC ONLY

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		<u>GANG BOLT FOR 9" (230mm) SPACING</u>	
	DG137	24" (610mm) x 5/16" (8mm) Plain Blade	*			<u>CONTINUED</u>	
	DG74	26" (660mm) x 5/16" (8mm) Plain Blade	*		DGA70	10 Blade Gang Bolt - 89-1/2" (2273mm) Long	*
	DG107	26" (660mm) x 3/8" (9mm) Plain Blade	*		DGA71	11 Blade Gang Bolt - 98-3/4" (2508mm) Long	*
	DG157	26" (660mm) x 5/16" (8mm) Plain Cone Blade	*		DGA72	12 Blade Gang Bolt - 108" (2743mm) Long	*
2	DG138	24" (610mm) x 5/16" (8mm) Notched Blade	*		DGA74	14 Blade Gang Bolt - 127-1/2" (3239mm) Long	*
	DG75	26" (660mm) x 5/16" (8mm) Notched Blade	*		DGA129	15 Blade Gang Bolt - 135-3/4" (3448mm) Long	*
	DG87	26" (660mm) x 3/8" (9mm) Notched Blade	*			<u>GANG BOLT FOR 10-1/2" (267mm) SPACING</u>	
	DG159	26" (660mm) x 9mm (.354) Notched Cone Blade	*		DGA109	4 Blade Gang Bolt - 38" (965mm) Long	*
3	DG149	20" (508mm) x 6mm (.236") Plain Outtrigger Blade	*		DGA76	6 Blade Gang Bolt - 60" (1524mm) Long	*
	DG64	22" (559mm) x 6mm (.236") Plain Outtrigger Blade	*		DGA77	7 Blade Gang Bolt - 70-1/2" (1791mm) Long	*
	DG76	24" (610mm) x 7mm (.275") Plain Outtrigger Blade	*		DGA78	8 Blade Gang Bolt - 81-1/4" (2064mm) Long	*
4	DG82	2" (50.8mm) N.C. Heavy Hex. Slotted Nut	2		DGA79	9 Blade Gang Bolt - 92" (2337mm) Long	*
5	DG89	1/4" (6.35mm) Shim Washer	*		DGA80	10 Blade Gang Bolt - 103" (2616mm) Long	*
6	DG88	1/2" (12.7mm) Shim Washer	*		DGA81	11 Blade Gang Bolt - 113-3/4" (2889mm) Long	*
7	DG78	5-1/2" (138mm) O.D. x 2" (50.8mm) I.D. x 5/8" (15.7mm) Head Washer	2		DGA82	12 Blade Gang Bolt - 124-3/4" (3169mm) Long	*
8	DGA106**	9" (230mm)& 10-1/2" (267mm) Spacing Short Half Spool For EZ410N BRG. 3-1/4" (82.6mm) Long (Convex Side) w/6" Washer	*	16	DGA35	Socket Wrench	1
9	DGA103	9" (230mm) Spacing Long Half Spool For EZ410N Bearings, 4-3/16" (106mm) Long (Concave Side)	*	17	DG5379	7/8" (22.2mm) x 6" (152mm) x 5-7/8" (149mm) Long U-Bolt (Plated)	*
	DGA105	10-1/2" (267mm) Spacing Long Half Spool For EZ410N Bearings, 5-11/16" (144mm) Long (Concave Side)	*	18	10GN1	1/4" (6.35mm) - 28" (711mm) Grease Fitting	2
10	DGA100	9" (230mm) Spacing Spool - 6" (152mm) Dia. Both Ends	*	19	DG10310	7/16" (10.9mm) x 3" (76.2mm) Lock Pin	*
	DGA101	10-1/2" (267mm) Spacing Spool - 6" (152mm) Dia. Both Ends	*	20	---	5/8" (15.7mm) x 2-1/4" (57.2mm) N.C. Hex. Bolt - Gr.5 (Plated)	*
11	DG5364	EZ410N Greaseable Bearing (1-9/16" (39.6mm) Wide)	*		---	5/8" (15.7mm) x 2-1/2" (63.5mm) N.C. Hex. Bolt - Gr.5 (Plated) - used with bearing guard	*
12	DGB5363	EZ410N Bearing c/w Housing And Grease Fitting (1-9/16" (39.6mm) Bearing Width)	*	21	---	5/8" (15.7mm) N.C. Hex. Nut - (Plated)	*
13	DGA5318	Front L.H., Rear R.H. Straight Bearing Hanger - EZ410N Bearing	*	22	---	7/8" (22.2mm) N.C. Hex. Nut - (Plated)	*
	DGA5319	Front R.H., Rear L.H. Straight Bearing Hanger - EZ410N Bearing	*	23	---	5/8" (15.7mm) Lockwasher - (Plated)	*
14	DGA40	Front L.H., Rear R.H. Bearing Guard - EZ410N Bearing	*	24	---	7/8" (22.2mm) Lockwasher - (Plated)	*
	DGA39	Front R.H., Rear L.H. Rear Bearing Guard - EZ410N Bearing	*	25	DGA5322	Front L.H., Rear R.H. 2" (50.8mm) Offset Hanger - EZ410N Bearing	*
15	DGA127	<u>GANG BOLT FOR 9" SPACING</u> 4 Blade Gang Bolt - 33-1/2" (851mm) Long	*		DGA5323	Front R.H., Rear L.H. 2" (50.8mm) Offset Hanger - EZ410N Bearing	*
	DGA67	7 Blade Gang Bolt - 61-3/4" (1568mm) Long	*	26	DG237	4-1/2" (114mm) O.D. x 2" (50.8mm) I.D. x 1/16" (1.59mm) Bearing Shield - EZ410N Bearing	*
	DGA68	8 Blade Gang Bolt - 71" (1803mm) Long	*	27	DGA5370	5" (127mm) Gang Washer- Weld-On	*
	DGA69	9 Blade Gang Bolt - 80" (2032mm) Long	*	28	DG96	Housing - EZ410N Bearing	*

*As Required

MODEL 4290 DISC



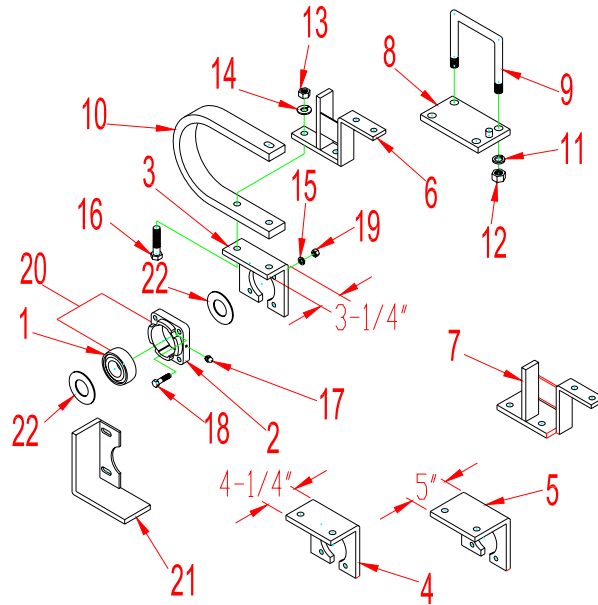
STONE FLEX HANGER FOR 211 & EZ410N BEARINGS (OPTIONAL) – 4290 ONLY

REF. NO	PART. NO	DESCRIPTION	QTY. REQ'D
1	DG95 DG38	211 series greaseable bearing EZ410N series greaseable bearing	* *
2	DG94 DG96	211 Bearing Housing Only EZ410N Bearing Housing Only	* *
3	10GN1	1/4" (6.35mm) x 28 grease fitting	*
4	--	1/2" (12.7mm) x 2-1/4" (57.2mm) N.C. Hex Bolt (Plated) – 211 Bearing	*
	--	5/8" (15.9mm) x 2-1/4" (57.2mm) N.C. Hex Bolt (Plated) – EZ410N Bearing	*
5	--	1/8" (12.7mm) Lockwasher (Plated) – 211 Bearing (plated)	*
	--	5/8" (15.9mm) Lockwasher (Plated) – EZ410N Bearing (plated)	*
6	--	1/2" (12.7mm) Hex Nut (Plated) – 211 Bearing (plated)	*
	--	5/8" (15.9mm) Hex Nut (Plated) – EZ410N Bearing (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 DGA8611 DGA8623 DGA8624	Scraper Bar Support Bracket – STD Stone Flex Hanger - Front LH or Rear RH Scraper Bar Support Bracket – STD Stone Flex Hanger - Front RH or Rear LH Scraper Bar Support Bracket – Offset Stone Flex Hanger - Front LH or Rear RH Scraper Bar Support Bracket – Offset Stone Flex Hanger - Front RH or Rear LH	* * * *

REF. NO	PART. NO	DESCRIPTION	QTY. REQ'D
10	DGA10295	Backing Plate – Stone Flex Hanger – 3/4" (19.1mm) U-bolt	*
11	DG5342 DG5343 DGA5344 DGA5345	Bracket Mounting Front L.H., Rear R.H. 211 Series – STD Stone Flex Hanger Bracket Mounting Front R.H., Rear L.H. 211 Series – STD Stone Flex Hanger Bracket Mounting Front L.H., Rear R.H. 211 Series – 2" (50.8mm) Offset Stone Flex Hanger Bracket Mounting Front R.H., Rear L.H. 211 Series – 2" (50.8mm) Offset Stone Flex Hanger	* * * *
	DGA5324 DGA5341	Mounting Bracket – EZ410N Series – STD Stone Flex Hanger Mounting Bracket – EZ410N Series – 2" Offset Stone Flex Hanger	* *
12	--	3/4" (15.9mm) Lockwasher (Plated)	*
13	--	3/4" (15.9mm) N.C. Hex Nut (Plated)	*
14	--	3/4" (15.9mm) x 3-1/2" (88.9mm) N.C. Hex Bolt (Plated)	*
15	--	3/4" (15.9mm) Lockwasher – (Plated)	*
16	--	3/4" (15.9mm) Hex Nut (plated)	*
17	DG236 DG237	3-5/8" (92.1 mm) O.D. x 2" (50.8 mm) I.D. x 1/16" (1.59 mm) Bearing Shield – 211 Bearing 4-1/2" (114.3mm) O.D. x 2" (50.8mm) I.D. x 1/16" (1.59mm) Bearing Shield- EZ410N	* *
18	DG13510	Bearing Plate	*
19	GB5334 DGB5335	211 housing c/w bearing and grease fitting EZ410N housing c/w bearing and grease fitting	* *

* as required

MODEL 4300 DISC

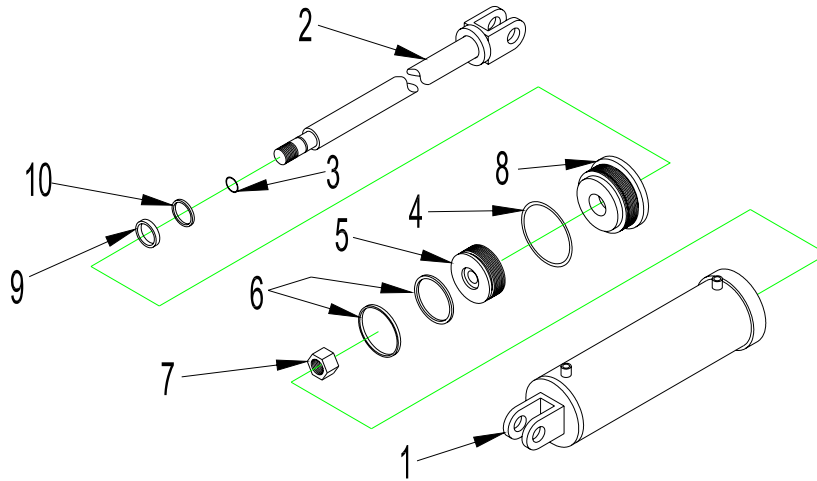


STONE FLEX HANGER FOR EZ410N BEARINGS (OPTIONAL) – 4300 ONLY

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	DGA5324	Standard Mounting Bracket For EZ410N Bearing	*
4	DGA5376	1-1/2" (38.1mm) Offset Mounting Bracket - EZ410N Bearing	*
5	DGA5341	2" (50.8mm) Offset Mounting Bracket - EZ410N Bearing	*
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 – Front L.H. & Rear R.H.	*
	DGA5337	Scraper Bar Support Bracket - For 2" (50.8mm) Offset Mounting Bracket - Front R.H. & Rear L.H.	*
8	DGA5328	Backing Plate	*
9	DG5378	7/8" (22.2mm) x 7" (178mm) x 7-1/8" (181mm) Long U-bolt (Plated)	*
10	DG5313	1-1/4" (31.7mm) x 2-1/2" (63.5mm) Spring Shank	*
11	---	7/8" (22.2mm) Lockwasher (Plated)	*
12	---	7/8" (22.2mm) N.C. Hex. Nut (Plated)	*
13	---	3/4" (19mm) N.C. Hex. Nut (Plated)	*
14	---	3/4" (19mm) Lockwasher (Plated)	*
15	---	5/8" (15.7mm) Lockwasher (Plated)	*
16	---	3/4" (19mm) x 3-1/2" (88.9mm) N.C. Hex. Bolt (Plated)	*
17	10GN1	1/4" (6.35mm) - 28 Straight Grease Fitting	*
18	---	5/8" (15.7mm) x 2-1/4" (57.2mm) N.C. Hex. Bolt (Plated)	*
	---	5/8" (15.7mm) x 2-1/2" (63.5mm) N.C. Hex. Bolt (Plated) - used with bearing guard	*
19	---	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	Bearing Guard - EZ410N Bearing – Front R.H. & Rear L.H.	*
	DGA39	Bearing Guard - EZ410N Bearing – Front L.H. & Rear R.H.	*
22	DG237	4-1/2" (114mm) O.D. x 2" (50.8mm) I.D. x 1/16" (1.59mm) Bearing Shield EZ410N Bearing	*

* As Required

MODEL 4290-4300 DISC



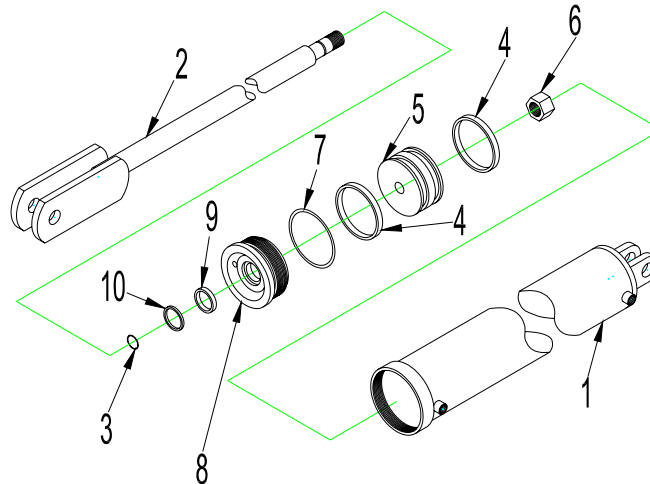
MAIN FRAME ROCKSHAFT CYLINDER – 3-1/2" (88.9mm) X 24" (610mm) CYLINDER - #305

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

WING FRAME 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	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

MODEL 4290-4300 DISC



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

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
5017N4	50CU1 - 4-1/2" (114mm) I.D. x 5" (127mm) O.D. x 1/2" (12.7mm) U-Cup	2
	100R14 - 4-1/2" (114mm) I.D. x 5" (127mm) O.D. O-Ring	1
	100R19 - 1-1/8" (28.5mm) I.D. x 1-1/4" (31.8mm) O.D. O-Ring (1-1/4" (31.8mm) nut)	1
	100RS3 - 1-3/4" (44.4mm) I.D. x 2-1/8" (54.0mm) O.D. x 3/8" (9.39mm) Rod Seal	1
	10WS3 - 1-3/4" (44.4mm) I.D. x 2-1/8" (54.0mm) O.D. x 3/16" (4.76mm) Wiper Seal	1
	100R13 - 1" (25.4mm) O.D. x 1-1/4" (31.8mm) O.D. O-Ring (1" (25.4mm) nut)	1
3517N4-0	100R18 - 1" (25.4mm) O.D. x 7/8" (22.2mm) I.D. O-Ring	1
	100R8 - 3-1/2" (88.9mm) O.D. x 3/16" (4.76mm) O-Ring	1
	35PS1 - 3-1/2" (88.9mm) Piston Seal Assembly	1
	10RS3 - 1-3/4" (44.4mm) I.D. x 2-1/8" (54.0mm) O.D. x 3/8" (9.39mm) Rod Seal	1
	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
3017N4-0	100R18 - 1" (25.4mm) O.D. x 7/8" (22.2mm) I.D. O-Ring	1
	100R3 - 3" (76.2mm) O.D. x 3/16" (4.76mm) O-Ring	1
	30PS1 - 3" (76.2mm) Piston Seal Assembly	1
	10RS3 - 1-3/4" (44.4mm) I.D. x 2-1/8" (54.0mm) O.D. x 3/8" (9.39mm) Rod Seal	1
	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