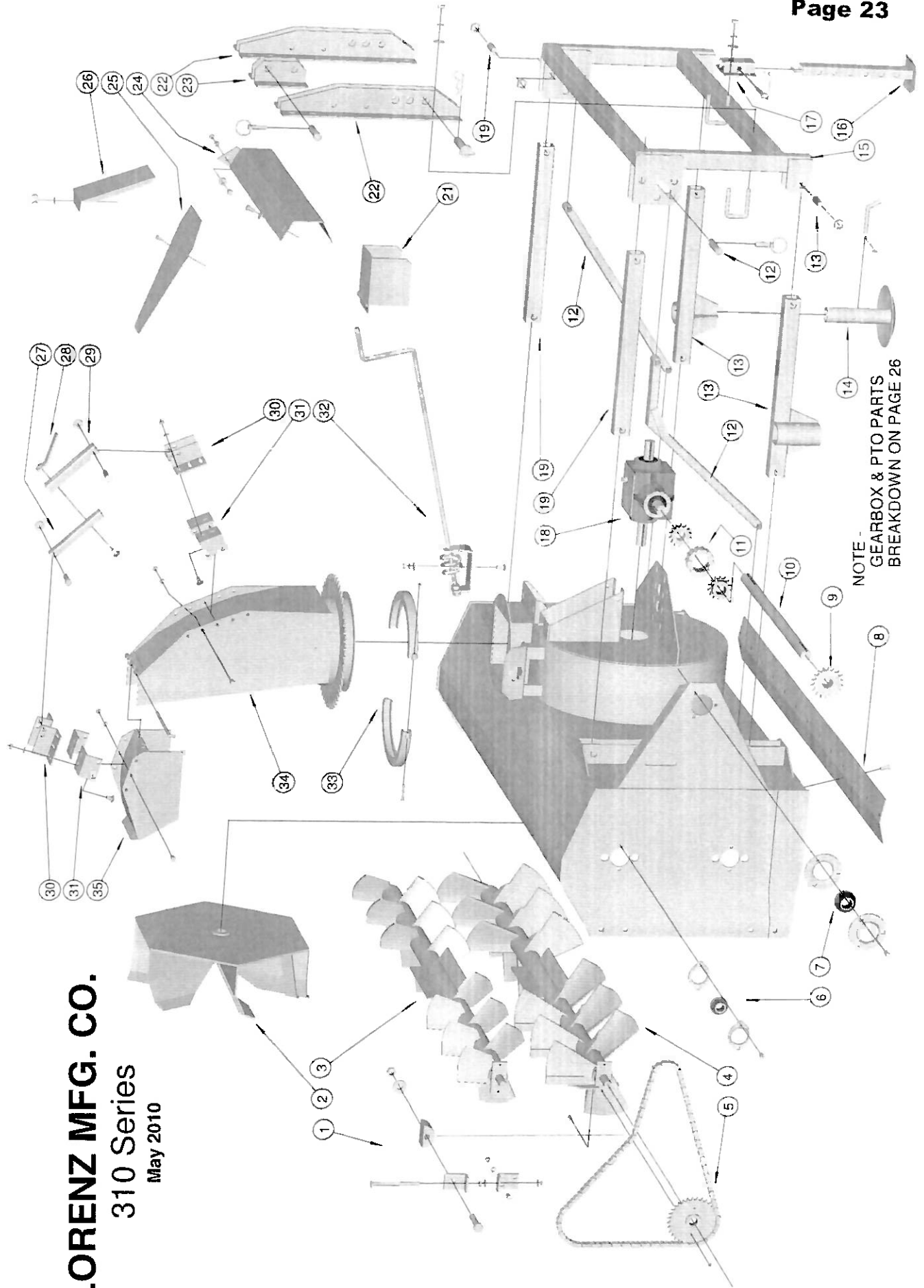


LORENZ MFG. CO.
310 Series
May 2010



Drawings and Parts

Part Listing

Item No.	Part Number	Description	Qty.	
1	202418	Idler - Auger Chain Drive	1	
	060297	5/8 x 3 1/2 Bolt	1	
	060116	5/8 Flat Washer	1	
	060052	5/8 Lock Nut	1	
	202723	Upper Chain Tightener	1	
	202724	Lower Chain Tightener	1	
	060671	3/8 x 6 Carnage Bolt	1	
	060009	3/8 Nut	4	
	060108	5/16 Flat Washer	2	
	060206	3/8 x 1 Bolt	2	
	060124	3/8 Lock Washer	2	
	2	202569	Fan Assembly	1
060339		5/16 x 3/4 Square Head Set Screw	1	
060340		5/16 x 1 Square Head Set Screw	1	
060068		5/16 Jam Nut	2	
202696		Key - 1/4 x 1/4 x 2 7/8	1	
3	201715	Complete Top Auger - 5310	1	
	201714	Complete Top Auger - 6310	1	
	201481	Complete Top Auger - 7310	1	
	200291	LH Paddle	9	
	200292	RH Paddle	9	
4	202731	Complete Bottom Auger - 5310	1	
	202732	Complete Bottom Auger - 6310	1	
	202733	Complete Bottom Auger - 7310	1	
	202595A	LH Paddle	9	
	202596A	RH Paddle	9	
5	202473	Shear Sprocket, Auger Drive - #50-32	2	
	060144	Shear Pins - 1/2 x 1 1/4 Gr5	4	
	060030	Lock Nut	4	
	011646	50H x 117 Pitch Roller Chain, Complete	1	
	011341	50H 1/2 Offset Link	1	
	011340	50H Connector Link, Replacement	1	
6	011520	Bearing Flange	8	
	010021	Bearing	4	
	060172	5/16-18 x 1 Bolt	8	
	060122	5/16 Lock Washer	8	
	060005	5/16-18 Hex Nut	8	
7	010593	Bearing Flange	2	
	010417SS	Bearing	1	
	060206	3/8 x 1 Bolt	3	
	060124	3/8 Lock Washer	3	
	060009	3/8 Nut	3	
8	201585	Cutting Edge - 5310	1	
	201586	Cutting Edge - 6310	1	
	201587	Cutting Edge - 7310	1	
	060202	3/8-24 x 3/4 Serrated Flange Bolt - 5310	11	
	060202	3/8-24 x 3/4 Serrated Flange Bolt - 6310	13	
	060202	3/8-24 x 3/4 Serrated Flange Bolt - 7310	14	
	060101	3/8-24 Serrated Flange Nut - 5310	11	
	060101	3/8-24 Serrated Flange Nut - 6310	13	
	060101	3/8-24 Serrated Flange Nut - 7310	14	
	9	201161	Drive Sprocket, #50-18	1
		060339	5/16-18 x 3/4 Square Head Set Screw	1
060340		5/16-18 x 1 Square Head Set Screw	1	
060068		5/16-18 Jam Nut	2	
100652		1/4 x 2 1/4 Key, Drive Sprocket	1	
10		201601	Drive Shaft - 5310	1
	201598	Drive Shaft - 6310	1	
	201443	Drive Shaft - 7310	1	

Item No.	Part Number	Description	Qty
11	100286	Coupler Sprocket	2
	010286	Coupler Chain	1
	060375	5/16 x 5/16 Socket Head Set Screw	4
	201436	1/4 x 1 1/4 Key, Coupler Sprocket	2
12	202671	Straight Float arm	1
	202673	Curved Float Arm	1
	011221	Pin	4
	202726	Washer	4
	011222	Lynch Pin	4
13	202666	Lower Swing Arm LH	1
	202667	Lower Swing Arm RH	1
	202599	Stud	4
	060059	3/4"-16 Lock Nut	8
14	200956	Skid Shoe	2
	200831	Pin	2
	060386	#8 (3 16) Hairpin	2
15	202664	Main Mount	1
16	202626	Jack Stand	1
17	202624	Mount Plate, Jack Stand	1
	011649	1/2-13 U-Bolt	2
	060114	1/2 Flat Washer	4
	060127	1/2 Lock Washer	4
	060018	1/2-13 Nut	4
	011662	3/8 x 3 Square Lock Pin	1
18	201445	Gearbox, Complete	1
	060243	7/16 x 7 8 Bolt, Gearbox Mount	4
	060125	7/16 Lock Washer	4
	060167	5/16 x 3/4 Bolt (Gearbox Cover)	4
	060122	5/16 Lock Washer (Gearbox Cover)	4
19	202668	Upper Swing Arm	2
	202599	Stud	4
	060059	3/4"-16 Lock Nut	8
21	201446	PTO Shield	1
22	202675	Lower LH 3point Mount Bracket	2
	202676	Lower RH 3point Mount Bracket	2
	011649	1/2-13 U-Bolt	4
	060114	1/2 Flat Washer	8
	060127	1/2 Lock Washer	8
	060018	1/2-13 Nut	8
	011253	Pin	2
	060386	#8 (3 16) Hair Pin	2
23	202677	Upper 3point Mount Bracket	2
	011649	1/2-13 U-Bolt	4
	060114	1/2 Flat Washer	8
	060127	1/2 Lock Washer	8
	060018	1/2-13 Nut	8
	011221	Pin	1
	011222	Lynch Pin	1
24	202660	Shield, Drive Shaft - 5310	1
	202661	Shield, Drive Shaft - 6310	1
	202662	Shield, Drive Shaft - 7310	1
	060199	3 8 x 3/4 Bolts	3
	060111	3/8 Flat Washer	3
	060124	3/8 Lock Washer	1
	060009	3/8 Nut	1

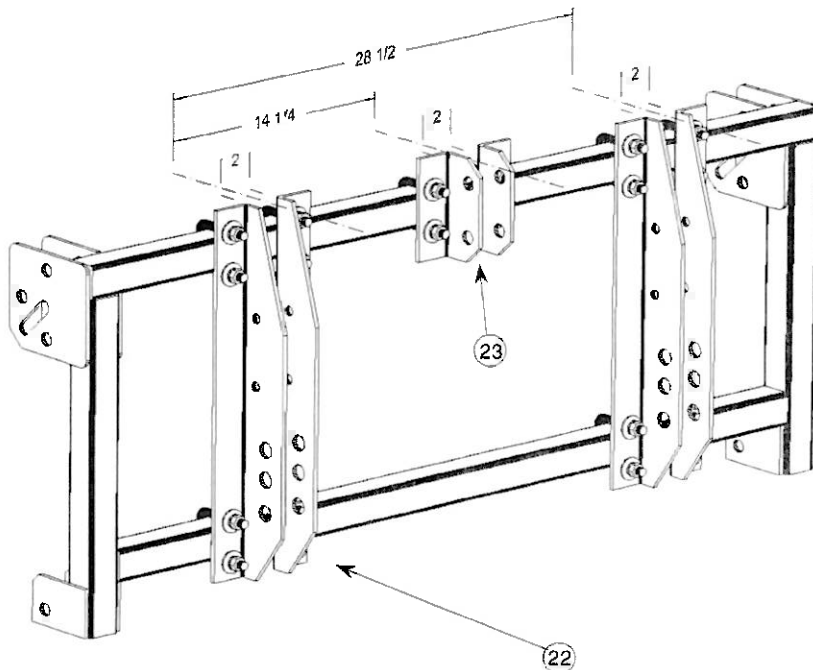
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Drawings and Parts

Part Listing : continued from previous page

Item No.	Part Number	Description	Qty.
25	202663	Shield, Chain Drive (6310, 7310)	1
	060319	#14 x 1/2 Self Tapping Screw	3
26	202653A	Gearbox Cover	1
	060109	5/16 Flat Washer	1
	060099	5/16 Wing Nut	1
27	202690	Upper Manual Deflector Adjuster	1
	011648	1/2 x 2" Pin	1
	060116	7/16" USS Flat Washer	1
	060394	1/8 x 1 Cotter Pin	1
28	200446	Tightener Handle	1
	060201	3/8-16 x 3/4 Carriage Bolt	1
29	202631	Lower Manual Deflector Adjuster	1
	011648	1/2 x 2" Pin	1
	060116	7/16" USS Flat Washer	1
	060394	1/8 x 1 Cotter Pin	1
30	202512	Inner Stack Bracket LH	2
	202513	Inner Stack Bracket RH	2
	060201	3/8-16 x 3/4 Carriage Bolt	8
	060124	3/8 Lock Washer	8
	060009	3/8 Nut	8

Item No.	Part Number	Description	Qty.
31	202514	Outer Stack Bracket	4
	060199	3/8-16 x 1/2 Bolt	8
	060124	3/8 Lock Washer	8
	060009	3/8 Nut	8
32	202690	Manual Spout Turner Kit	1
	202691	Mount	1
	201148	Lock Collar	2
	201150	Back Mount	1
	060167	5/16 x 3/4 Bolt (Back Mount)	2
	060106	1/4 Flat Washer (Back Mount)	2
	060122	5/16 Lock Washer (Back Mount)	2
	060005	5/16 Nut (Back Mount)	2
	202692	Handle	1
	060669CB	3/8-18 x 1 Carriage Bolt	2
	060111	3/8 Flat Washer	2
	060124	3/8 Lock Washer	2
060009	3/8 Nut	2	
33	202648	Retaining Ring, Spout	1
	060152	1/4-20 x 2 Bolt	2
	060030	1/4 Lock Nut	2
34	202524	Spout	1
	202530	Pin	1
	060394	1/8 x 1 Cotter Pin	1
35	202522	Deflector	1



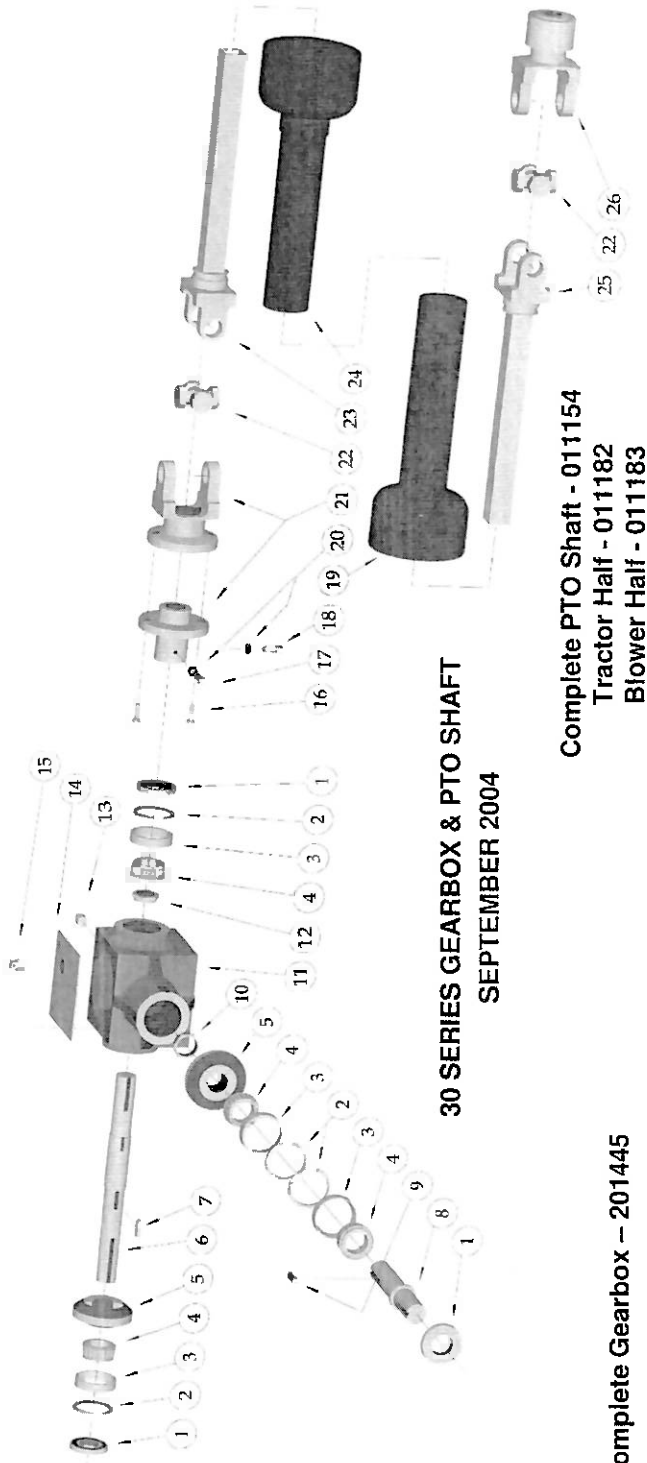
Main Mount Dimensions

2" between plates

Upper mount (item #23) centered on cross tube.

14 1/4" center to center from upper mount (item #23) to lower mounts (items #22).

28 1/2" Center to center lower mounts (items #22).



30 SERIES GEARBOX & PTO SHAFT
SEPTEMBER 2004

Complete Gearbox – 201445

Item #	Part #	Description	Qty
1	010444	Seal	3
2	010438	Snap Ring	4
3	010436	Bearing Race	4
4	010435	Bearing	4
5	201382	Gear	2
6	201425	Cross Shaft	1
7	201438	Key, Cross Shaft	1
8	201427	Snout Shaft	1
9	201437	Key, Snout Shaft	1
10	010368	Stake Nut, Snout Shaft	1
11	201424	Housing	1
12	010902	Stake Nut, Cross Shaft	1
13	010330	Plug	2
14	201432	Cover	1
15	011108	Plug, Vented	1

Complete PTO Shaft - 011154
Tractor Half - 011182
Blower Half - 011183

Item #	Part #	Description	Qty
16	060142	1/4-20 x 1 Grade 5 Bolt	2
17	060030	1/4-20 Lock Nut	2
18	060339	5/16-18 x 3/4 Sq Head Set Screw	1
19	060339	5/16-18 x 3/4 Sq Head Set Screw	1
20	011163	Shield, Outer Tube	1
21	010414	Shield Bearing Ring	1
22	060068	5/16-18 Jam Nut	2
23	011165	Shear Yoke	1
24	011158	Cross & Bearing Kit	2
25	011193	Yoke & Tube	1
26	011162	Shield, Inner Tube	1
	010414	Shield Bearing Ring	1
	011192	Yoke & Shaft	1
	011156	1 3/8 x 6 Spine, Tractor Yoke	1
	011157	Quick Collar Kit	1