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Repair Chart — Fig. 603, Star Steel Direct Stroke Windmills

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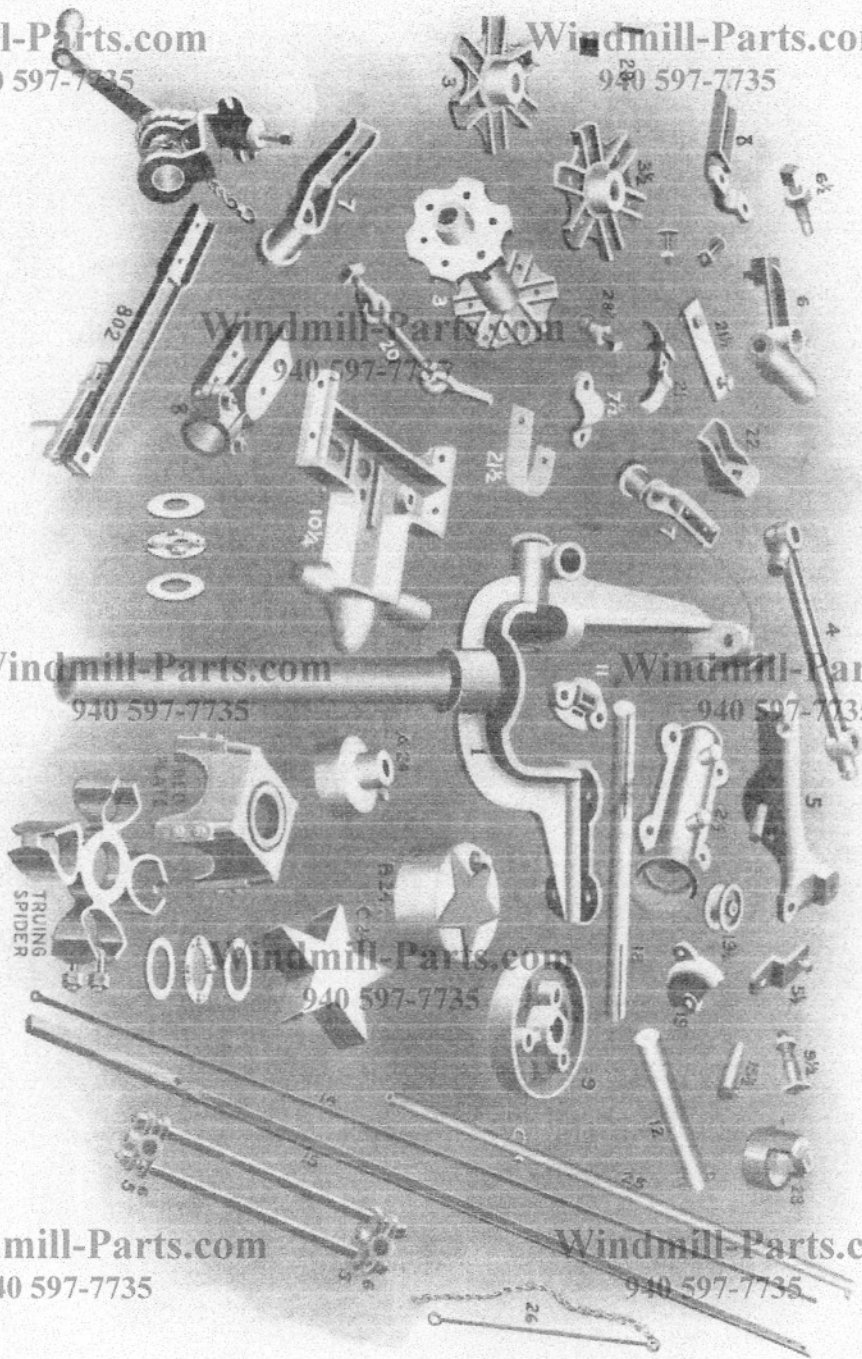
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Repair List

Fig. 603

Star Steel Direct Stroke Pumping Windmills

These mills not made now, but repairs are furnished as here listed.

No. of Casting	Description of Parts	8-Foot Mill		10-Foot Mill		12-Foot Mill		14-Foot Mill		16-Foot Mill	
		Symbol	Price	Symbol	Price	Symbol	Price	Symbol	Price	Symbol	Price
1	Main Casting and Pipe	OK1	\$8.30	AK1	\$9.80	BK1	\$15.30	C1	\$31.00	D1	\$42.00
	Main Casting Pipe, when ordered separately		1.30		1.30		1.30		Less Pipe 11.50		Less Pipe 16.00
2 1/2	Main Casting Flange and Pipe							C2 1/2	3.00	D2 1/2	6.50
1 1/2	Main Casting Babbitted Box Cap							C1 1/2	3.90	D1 1/2	5.60
2 1/2	Main Casting Babbitted Box	OK2 1/2	3.00	AK2 1/2	3.50	BK2 1/2	5.50				
3	Spider	OK3	2.40	AK3	1.40	BK3	1.75	CC3	3.00	DP3	8.00
3 1/2	Spider			AK3 1/2	1.60	BK3 1/2	1.75	CC3 1/2	3.00	1867	6.50
4	Pitman	OK4 1/2	1.25	A4	1.75	BB4	2.10	complete	7.50	complete	8.00
	Wood Pitman				1.00		1.20		1.50		1.80
	Part Upper or Lower Pitman Box							CD5	1.20	CD5	1.20
	Part Upper or Lower Pitman Box							CD6	1.20	CD6	1.20
	Pitman Bars, each								1.20		1.50
5	Upper Guide	OK5	1.10	A5	1.50	B5	2.10	C5	4.50	DD5	6.00
5 1/2	Upper Guide Cap	OK5 1/2	.20	A5 1/2	.30	B5 1/2	.50	C5 1/2	1.20	DD5 1/2	1.80
5 3/4	Upper Guide Cap								1.20	DD5 3/4	1.30
6	Governor Arm	OK6	1.25	AK6	1.25	VB6	1.85	CG6	3.50	DD6	4.00
6 1/2	Rudder Stud	OK6 1/2	.50	A6 1/2	.60	AB 1/2	.60	CG 1/2	1.00	CD 1/2	1.00
7	Swivel Casting	AA7	.40	AA7	.40	BB7	.80	D7	1.00	D7	1.00
	Part Swivel Casting Cap	AA7 1/2	.15	AA7 1/2	.15	BB8 1/2	1.00	CD8	1.40	CD8	1.40
	Part Swivel Casting Cap	AA8	.50	AA8	.50	BB8 1/2	1.00	CD8	1.40	CD8	1.40
	Swivel Straps, each					BB	.30	CD	.75	CD	.75
	Swivel Complete		1.50		1.50		3.50		5.50		5.50
9	Crank Wheel	OK90	2.00	AK9	2.25	BK9	2.40	C9	6.00	D9	9.00
9 1/2	Wrist Pin	OK9 1/2	.50	A9 1/2	.60	B9 1/2	.75	C9 1/2	1.50	C9 1/2	1.50
10 1/4	Rudder Casting	OK10 1/4	3.25	AK10 1/4	4.00	BK10 1/4	6.00	DC10 1/4	8.50	DD10	16.00
11	Lower Guide	OK11	.20	AK11	.25	BK11	.25	C11	.30	D11	.40
12	Governor Arm Stud	OK12	.30	A12	.50	B12	.50	C12	1.00	D12	1.50
14	Shifting Rod	A14	.30	A14	.30	A14	.30	C14	.60	C14	.60
15	Pump Rod	OK15	2.50	A15	3.40	B15	5.00	C15	6.80	D15	11.50
15 1/2	Pump Rod Pin	OK15 1/2	.35	A15 1/2	.40	B15 1/2	.40	C15 1/2	.75	D15 1/2	.75
16	Top Half Split Box	OK16	1.50	AK16	1.80	BK16	2.75				
17	Bottom Half Split Box	OK17	1.50	AK17	1.80	BK17	2.75				
18	Main Shaft	OK18	1.00	AK18	1.60	BK18	2.75				
19	Sheave Cover	A19	.30	A19	.30	B19	.35	DC18	7.00	DD18	10.00
19 1/2	Sheave	A19 1/2	.25	A19 1/2	.25	B19 1/2	.25	C19	.60	D19	.70
20	Governor Connecting Link	OK20	.75	A20	.75	A20	.75	C20L	.45	C20L	.45
21	Brake Shoe	OK21	.80	AK21	.80	AK21	.80	C21	.70	D&F21	1.80
21 1/2	Brake Spring	OK21 1/2	.25	AK21 1/2	.25	BK21 1/2	.30	DC21 1/2	.90	DD21 1/2	1.00
22	Brake Bracket	AK22	.40	AK22	.40	AK22	.40	CD22	1.00	CD22	1.00
23	Bottom Cap	AO23	.50	AO23	.50	B23	.70	C23	1.00	2267	1.30
24	Governor Ball	OK24	2.50	A24	2.50	B24	4.00	C24	4.00	D24	6.00
25	Governor Pipe	OK25	.40	A25	.60	B25	.90	C25	1.20	D25	1.80
26	Governor Rod and Chain	A26	.60	A26	.60	B26	.80	C26	1.00	D26	1.50
29	Balance Weight	AK29	.85	AK29	.85	AK29	.85	AK29	.85	AK29	.85
	Bed Plate Retainer and Washers	2 -in.	1.20	2 -in.	1.20	2 -in.	1.35	2 1/2 -in.	1.50	3 -in.	1.80
	Thrust Retainer and Washers	1 1/2 -in.	.80	1 1/2 -in.	.90	1 1/2 -in.	1.00	1 3/4 -in.	1.35	2 1/4 -in.	1.50
	Pump Rod, per foot	1 3/4 -in.	.06	1 3/4 -in.	.06	1 3/4 -in.	.10	2 1/4 -in.	.15	2 1/4 -in.	.15
	Splice Irons and Bolts, per pair		.30		.30		.35	C29	1.25	C29	1.25
	Short Wheel Hoops, each		.30		.35		.45		.70		.70
	Long Wheel Hoops, each		.50		.60		.70		1.50		1.40
	Large Fan Bracket, each		.15		.15		.20		.30		.30
	Small Fan Bracket, each		.05		.05		.10		.10		.10
	Wheel Part, Less Bracket, each		1.00		1.20		2.25		2.25		3.60
	Wheel Arm, each		1.00		1.50		2.00		3.50		5.00
	Wheel Section, Less Arm		5.50		8.00		8.50		13.00		14.50
	Complete Sections for Wheel, Less Arms	6	20.00	6	30.00	8	46.00	8	75.00	10	100.00
	Rudder Stem		3.50		5.50		8.00		14.50		20.50
	Rudder, Less Stem		6.50		9.50		14.00		20.50		29.00
	Oil Cup Covers, each		.05		.05		.05		.05		.05

For Bed Plates and Truing Spiders, see page 5.

For Reefing Gears and Windmill Coupler, see pages 28, 29.