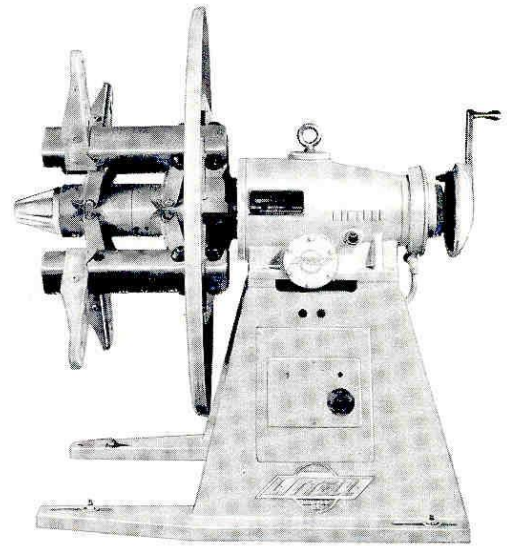
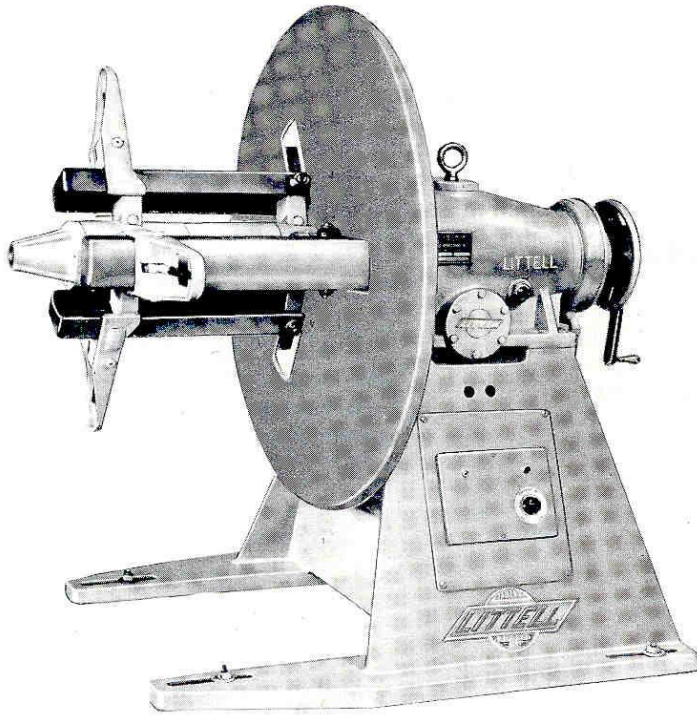


**PARTS LIST AND OPERATING INSTRUCTIONS
FOR
NUMBER 25 AND NUMBER 40 SINGLE AUTOMATIC
CENTERING REEL WITH ELECTRIC BRAKE**



CAPACITIES

SIZE OF REEL	25-12	25-18	25-24	25-36	40-18	40-24	40-36
MAX WEIGHT OF COIL	2500 lbs	2500 lbs	2500 lbs	1500 lbs	4000 lbs	4000 lbs	3000 lbs
4 ARM INSIDE DIA.	16"-20" or 19"-24"	16"-20" or 19"-24"	16"-20" or 19"-24"	16"-20" or 19"-24"	16"-20" or 19"-24"	16"-20" or 19"-24"	16"-20" or 19"-24"
3 ARM INSIDE DIA.	12"-14"	12"-14"	12"-14"	12"-14"	12"-14"	12"-14"	12"-14"
MAX OUTSIDE DIA.	40"	40"	40"	40"	45"	45"	45"
MAX WIDTH	12"	18"	24"	36"	18"	24"	36"

F. J. LITTELL MACHINE CO.

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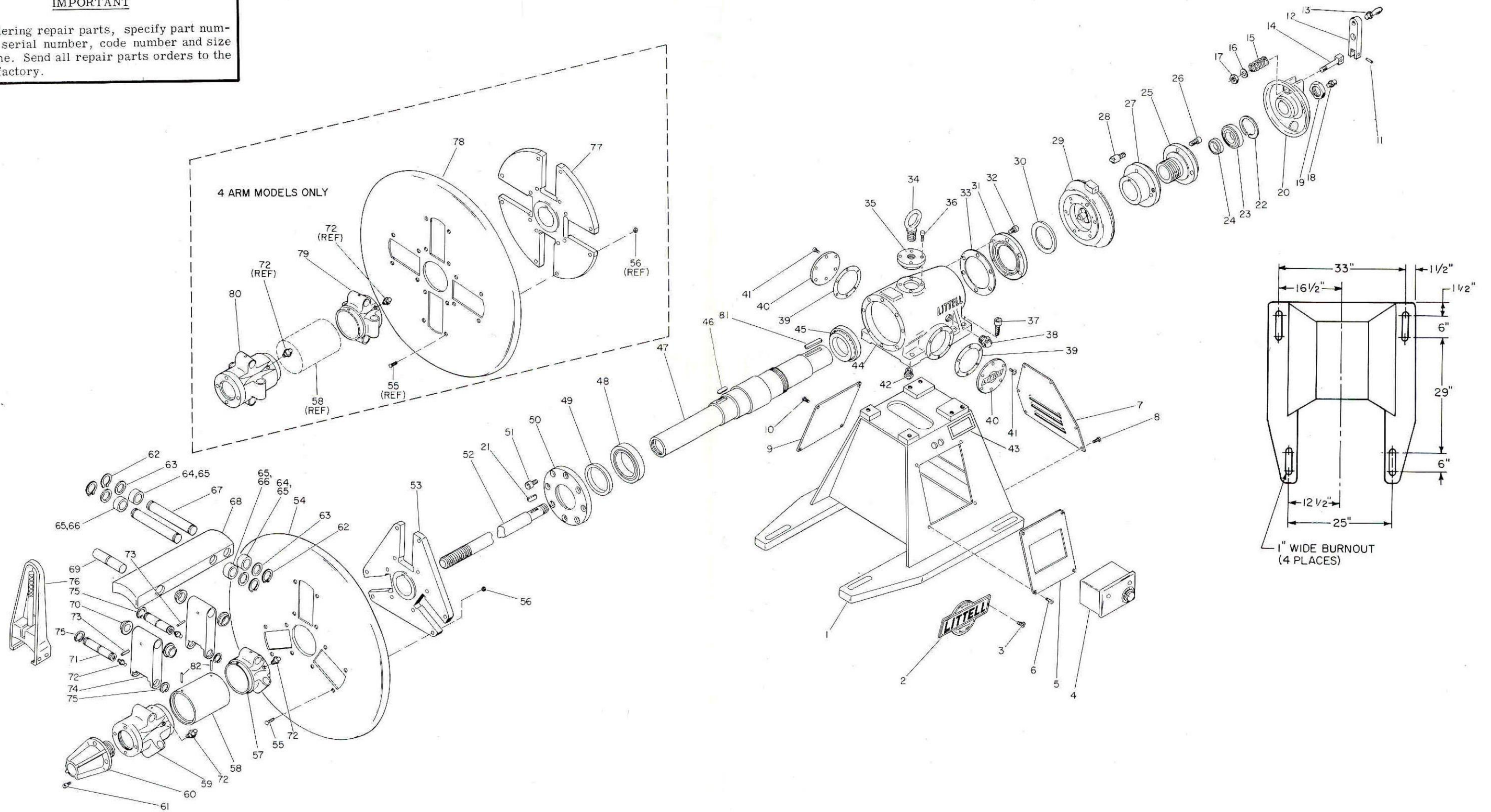
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IMPORTANT

When ordering repair parts, specify part number plus serial number, code number and size of machine. Send all repair parts orders to the Chicago factory.





No. 25 AND No. 40 SINGLE AUTOMATIC CENTERING REEL WITH ELECTRIC BRAKE

PARTS LIST

PLEASE SPECIFY WHETHER PARTS ARE BEING ORDERED FOR THE NO. 25 OR NO. 40 REEL.

INDEX NO.	DESCRIPTION	PART NUMBER
1	Base	45D-25589
2	Nameplate, LITTELL	24B-34003
3	Screw, Self-Tapping, Fl. Hd. Phillips 1/4" x 3/4" Lg	000-00000
4	Pack, DC Power	95-90586
5	Plate, Power Pack	45A-25592
6	Screw, Machine, Rd. Hd. 1/4 - 20 x 1/2" Lg	000-00000
7	Plate, Base Cover, Rear	45A-27509
8	Screw, Machine, Rd. Hd. 1/4 - 20 x 1/2" Lg	000-00000
9	Plate, Side	45A-52290
10	Screw, Machine, Rd. Hd. 1/4 - 20 x 1/2" Lg	000-00000
11	Pin, Roll	99-91982
12	Bar, Handle	45B-25591
13	Handle	42-90424
14	Pin, Handle Spring	46A-35881
15	Spring	46-90007
16	Washer, Flat 1/2" I.D.	000-00000
17	Nut, Self-Locking 1/2 - 20	45-90959
18	Fitting, Grease 1/8 NPT	000-00000
19	Nut, Hex, Jam 1 - 14 NC	000-00000
20	Handwheel	45C-25580
21	Key, Woodruff #15	000-00000
22	Ring, Retaining, Internal	45-91418
23	Bearing, Ball	99-91552
24	Bearing, Thrust	45A-27502
25	Retainer, Bearing Adj. Screw	45B-25581
26	Screw, Cap, Socket Hd. 3/8 - 16 x 1-3/4" Lg	000-00000
27	Hub, Brake	45B-25574
28	Pin, Drive	45A-24871
29	Brake, Electric	45-91719
30	Seal, Oil	45-91562
31	Retainer, Bearing, Rear	45-46084
32	Screw, Cap, Socket Hd. 3/8 - 16 x 1-1/4" Lg	000-00000
33	Shim Set	45-91416
34	Eyebolt	45A-35632
35	Cover, Gear Retainer	45B-25579
36	Screw, Cap, Socket Hd. 3/8 - 16 x 1-1/4" Lg	000-00000
37	Screw, Cap, Socket Hd. 3/4 - 10 x 2" Lg	000-00000
38	Gage, Oil Level	45-90848
39	Gasket, Paper	000-00000
40	Plate, Housing Cover	45B-25593
41	Screw, Machine, Rd. Hd. 3/8 - 16 x 1" Lg	000-00000

† Specify I.D. Required

INDEX NO.	DESCRIPTION	PART NUMBER
42	Plug, Magnetic	45-91548
43	Plate, Name	45A-35728
44	Case, Gear	45D-25576
45	Bearing, Roller	45-91415
46	Key, Disc Hub	45A-27503
47	Shaft, Spindle*	45C-25555
48	Bearing Roller	99-90153
49	Seal, Oil	45-91414
50	Retainer, Bearing, Front	45C-25577
51	Screw, Cap, Socket Hd. 1/2 - 13 x 1" Lg	000-00000
52	Screw, Adjusting*	45B-25560
53	Hub, Disc, 3 Arm	45-28245
54	Plate, Guide, 3 Arm, Model No. 25 (42 in. dia)	45-23972
54	Plate, Guide, 3 Arm, Model No. 40 (46 in. dia)	45C-23971
55	Screw, Machine, Fl. Hd. 3/8 - 16 x 1-3/4" Lg	000-00000
56	Nut, Flex-Lock 3/8 - 16	000-00000
57	Sleeve, Rear, 3 Arm	45C-25570
58	Tube, Spacer*	45B-25594
59	Sleeve, Front, 3 Arm	45C-25569
60	Nut, Adjusting Screw	45C-25571
61	Screw, Cap, Socket Hd 1" Lg	000-00000
62	Ring, Retaining	33-90011
63	Washer, Roller	14-23214
64	Roller, Arm, Beveled	45A-24628
65	Bushing	99-90346
66	Roller, Arm	45A-35601
67	Pin, Roller	45A-35602
68	Arm, Reel*	45-35589
69	Pin, Link	45A-23959
70	Bushing, Arm	45A-25568
71	Pin, Link, Lower	45A-23969
72	Fitting, Grease 1/8 NPT	000-00000
73	Pin, Roll	45-91546
74	Link†	45B-25582
75	Ring, Retaining	33-90011
76	Assembly, Keeper	45C-17780
77	Hub, Disc, 4 Arm	45C-25575
78	Plate, Guide, 4 Arm, Model No. 25 (42 in. dia)	45C-25587
78	Plate, Guide, 4 Arm, Model No. 40 (46 in. dia)	45-25588
79	Sleeve, Rear, 4 Arm	45C-25567
80	Sleeve, Front, 4 Arm	45C-25566
81	Key, Brake Hub	45A-44714
82	Pin, Roll	45-91547

* Specify Whether For 12", 18", 24", or 36" Wide Reel



No. 25 AND No. 40 SINGLE AUTOMATIC CENTERING REEL WITH ELECTRIC BRAKE

OPERATING INSTRUCTIONS

A. ELECTRICAL CONNECTION. Connect the reel to the correct electrical voltage.

CAUTION

Be sure power source is correct for reel by checking voltage requirement on brake reel nameplate.

B. REMOVE KEEPERS. Release keeper catch and slide keepers (76) from arms.

C. COLLAPSE ARMS.

- (1) Turn crank handle (13) in a counter clockwise direction to collapse arms so that they are at least 1 or 2 inches smaller than the inside diameter of the coil to be loaded.
- (2) Fold handle (12) in to prevent breakage.

D. LOAD COIL.

- (1) Load coil using a coil loading hook. Suspend hook from hoist and insert in coil.
- (2) Raise coil to proper height.
- (3) Slide coil onto the arms and remove hook.

E. ATTACH KEEPERS. Slide keepers (76) into position on the arms (68) so that the coil is tight against the guide plate (54) or (78).

F. EXPAND ARMS.

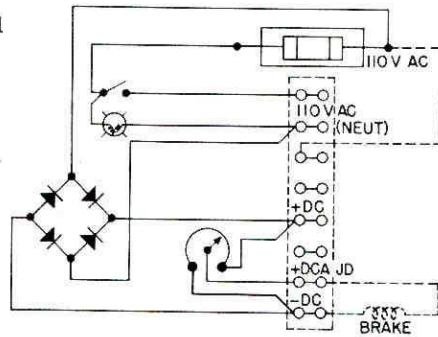
- (1) Unfold crank.
- (2) Turn hand crank in a clockwise direction until the arms are fully extended against the coil.
- (3) Fold handle in to prevent breakage.

G. ADJUST BRAKE TENSION. Adjust the rheostat to obtain the desired amount of drag.

H. EMERGENCY STOPS. Wire the electric brake into the stop button of the production line. In doing so, full brake will automatically be applied when the balance of line is shut down.

I. REVERSAL OF HAND WHEEL OR PLACING EXPANDING WHEEL TO THE FRONT.

- (1) Item #60 which is the adjusting screw nut is removed by unscrewing the Hex Head cap screws.
- (2) The hand wheel crank is removed by unscrewing #19 jam nut, and the key #21 is removed.
- (3) The adjusting screw #52 is removed from the reel and reversed.
- (4) The adjusting screw nut #60 will then be fastened on the rear of the reel and the hand wheel will be placed on the front of the reel over key #21 and then nut #19 will be fastened or screwed onto what will be the front part of the shaft.



WIRING DIAGRAM



MAINTENANCE INSTRUCTIONS

All Littell Reels are of very rigid construction and, if the capacities are not exceeded, will give years of trouble free service. Proper lubrication is the only maintenance required. Apply grease to grease fittings on spindle and on end of hand wheel.

GEAR CASE OIL. Medium heavy oil SAE 40 should be used in gear case. Remove eyebolt (34) and fill case to bring oil level up to the middle of sight gage (38).

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