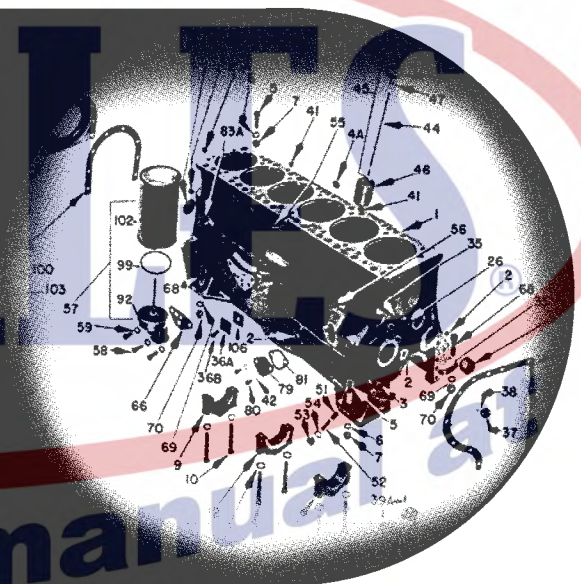


John Deere

MODEL:

10A Hammer Mill

**PARTS
MANUAL**



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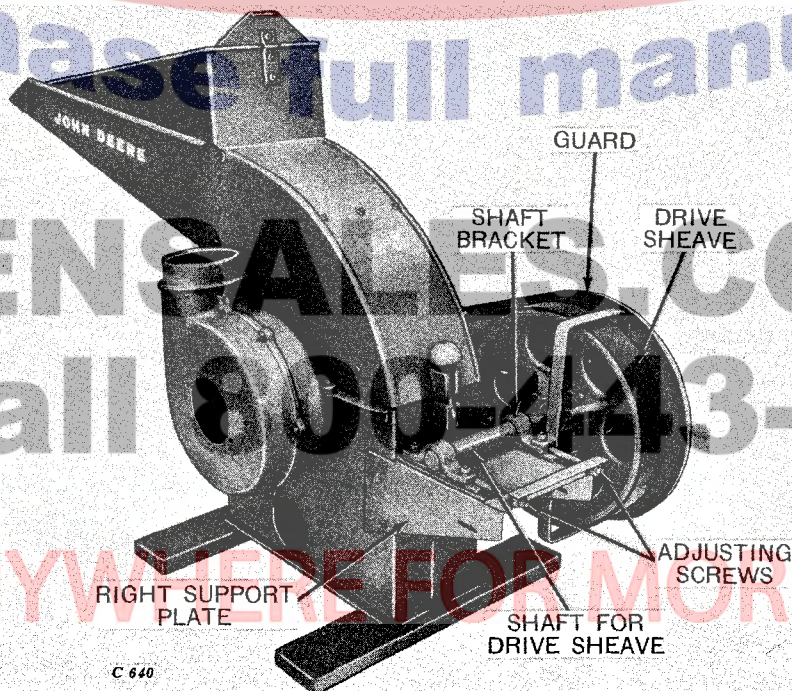
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JD-P-PC681

ALPHABETICAL INDEX

	Page
Body	4-5
Collector, Feed	12-13
Collector, Feed, Replacement (-1949)	14
Decalcomania	17
Drives:	
Power Take-Off, V-Belt (-1955)	20-21
Power Take-Off, Poly V-Belt	22-23
Power Take-Off, Poly V-Belt (less slip clutch)	24-25
Elbows:	
Blower Pipe	16-17
Distributing, Adjustable, For Blower Pipe	15
Suction Pipe	4-5
Fan, Blower	10-11
Flap, Safety	6
Gates:	
Air Control	4-5
Feed Control	11
Hammers	8-9
Hood, Rotor	6
Manual, Operator's	15
Mast, Feed Collector	16-17
Pipes, Blower	16-17
Powershafts, Telescoping:	
Powershaft for Drive with Slip Clutch (regular shields) (Blood Bros.)	26
Powershaft for Drive with Slip Clutch (regular shields) (Mechanics)	27
Powershaft for Drive with Slip Clutch (tubular shields) (Blood Bros.)	28
Powershaft for Drive less Slip Clutch (tubular shields) (Blood Bros.)	29
Pulley	10-11
Rotor	10-11
Screens	7
Shaft, Rotor	8-9
Shields, Powershaft	25
Spouts:	
Sacking	12-13
Wagon	12-13
Stakes, Anchor	7
Table, Feed	11
Trailer, Transport	18-19
Wrench, Allen Head	7



Power Take-Off Drive on John Deere 10A Hammer Mill
(Manufactured 1939-)



John Deere 10A Hammer Mill with Feed Collector and Double-Sacking Spout
(Manufactured 1939-)

BODY, AIR CONTROL GATE, AND SUCTION PIPE ELBOW

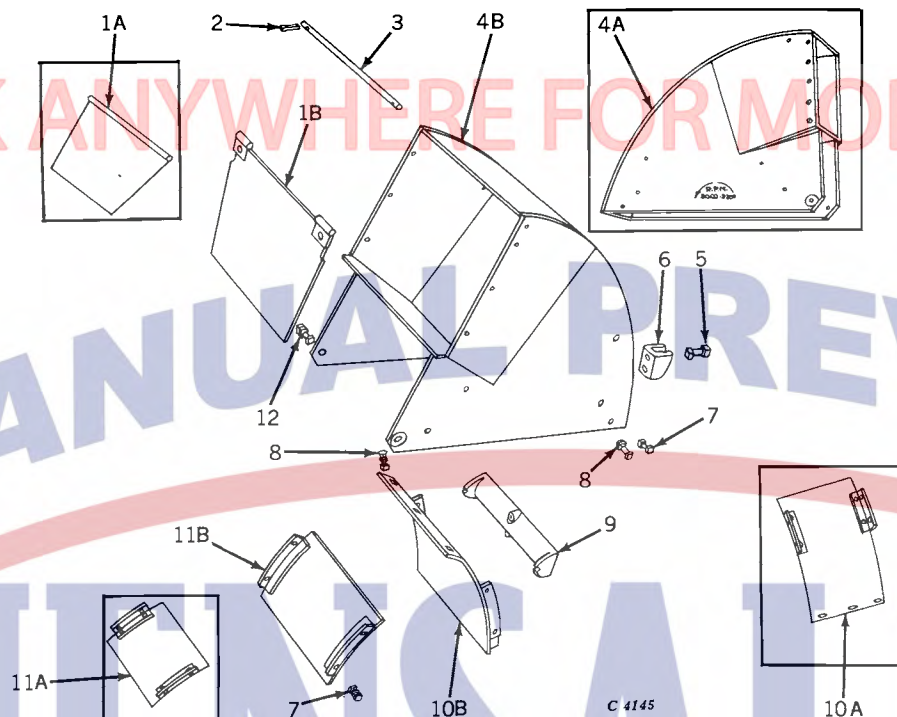


Key	Part No.	Year	Description
1	X 6658 C	(1949-)	U-bolt (support for mast) (2 used)
2A	6915 C	(-1949)	Clamp, mast support (sub. one 7833C, one X6658C, two 3/8" nuts, and two 3/8" lock washers)
2B	7833 C	(1949-)	Clamp, mast support (2 used)
3	19H 1733	(-1949)	Screw, cap, high-strength, 3/8" x 2-1/2" (2 used)
	14H 812	(-)	Nut, 3/8" (2 used)
	12H 304	(-)	Washer, lock, 3/8" (2 used)
4	12H 304	(-)	Washer, lock, 3/8" (4 used)
5	14H 812	(-)	Nut, 3/8" (4 used)
6	19H 1900	(-)	Screw, cap, high-strength, 5/16" x 3/4" (3 used)
	14H 785	(-)	Nut, 5/16" (3 used)
	12H 303	(-)	Washer, lock, 5/16" (3 used)
7	3H 1540	(-)	Bolt, cge., short-neck, high-strength, 5/16" x 3/4"
	14H 785	(-)	Nut, 5/16"
	12H 303	(-)	Washer, lock, 5/16"
8	J 15435 C	(-)	Sides, right and left, welded (with square bar lower screen guides and round pins for upper screen guides) (subs. for sides with square bar upper screen guide)
	J 16071 C	(-)	Body, complete (consists of J15435C, bearing brackets, skids, pans, hood lock, and air control gate)
9	6955 C	(-)	Stop, screen and cover plate (sub. for 6913C)
10	3H 1524	(-)	Bolt, cge., high-strength, 5/16" x 1" (3 used)
	14H 785	(-)	Nut, 5/16" (3 used)
	12H 303	(-)	Washer, lock, 5/16" (3 used)
11	S 3821 C	(-)	Pan, rear

BODY, AIR CONTROL GATE, AND SUCTION PIPE ELBOW -- Continued

Key	Part No.	Year	Description
12	21H 1023	(-)	Screw, mach., rd. hd., 1/4" x 5/8"
	14H 786	(-)	Nut, 1/4"
	12H 302	(-)	Washer, lock, 1/4"
13	W 4693 C	(-)	Skid, 1-5/8" x 5-5/8" x 30" (2 used)
14	3H 1480	(-)	Bolt, cge., high-strength, 3/8" x 1-1/4" (4 used)
	14H 812	(-)	Nut, 3/8" (4 used)
	12H 304	(-)	Washer, lock, 3/8" (4 used)
15	6909 C	(-)	Bracket, bearing, left
16	19H 1936	(-)	Screw, cap, high-strength, 3/8" x 3/4" (10 used)
	14H 813	(-)	Nut, 3/8" (10 used)
	12H 304	(-)	Washer, lock, 3/8" (10 used)
17	24H 1287	(-)	Washer, 5/16" x 3/4" x .048" (2 used)
18	L 412 C	(-)	Spring, 5 coils, 7/8" long (2 used)
19	19H 1898	(-)	Screw, cap, high-strength, 1/4" x 1-1/2"
	12H 302	(-)	Washer, lock, 1/4"
20	S 3824 C	(-)	Gate, air control
21	3H 1525	(-)	Bolt, cge., 3/8" x 2" (8 used)
	14H 812	(-)	Nut, 3/8" (8 used)
	12H 304	(-)	Washer, lock, 3/8" (8 used)
22	19H 1905	(-)	Screw, cap, high-strength, 5/16" x 1" (2 used)
	14H 785	(-)	Nut, 5/16" (2 used)
	12H 303	(-)	Washer, lock, 5/16" (2 used)
23A	X 4902 C	(-1951)	Guide, upper screen, 1/4" x 1/2" x 26-5/8" (2 used)
23B	Y 1697 C	(1952-)	Pin, upper screen guide (12 used) (serial no. 92852 and up)
24	X 4904 C	(-)	Guide, adjustable (breaker bar) (2 used)
25	X 4480 C	(-)	Guide, lower screen, 1/2" square x 25-5/8" (2 used)
26A	16H 658	(-1951)	Rivet, btn. hd., 1/4" x 5/8" (10 used)
26B	16H 685	(1951-)	Rivet, btn. hd., 1/4" x 7/8" (10 used)
27	21H 1144	(-)	Screw, mach., rd. hd., 1/4" x 1/2" (26 used)
	14H 786	(-)	Nut, 1/4" (26 used)
	12H 302	(-)	Washer, lock, 1/4" (26 used)
28	S 3822 C	(-)	Pan, deflector
29	S 3820 C	(-)	Pan, front
30	S 3823 C	(-)	Trough, bottom
31	J 15429 C	(-)	Lock, screen and breaker bar (sub. for X5115C)
32	3H 1268	(-)	Bolt, cge., high-strength, 5/16" x 3/4" (7 used)
	14H 785	(-)	Nut, 5/16" (7 used)
	12H 303	(-)	Washer, lock, 5/16" (7 used)
33	X 4940 C	(-)	Washer, 1/8" x 13/32" x 1-3/16" (3 used)
34	X 4951 C	(-)	Spacer (for mills less blower) 3/8" pipe x 9-15/16"
35	Y 1295 C	(-)	Rod, tie (for mills less blower) 3/8" round x 11-1/4"
36	19H 1731	(-)	Screw, cap, high-strength, 3/8" x 1"
	14H 812	(-)	Nut, 3/8"
	12H 304	(-)	Washer, lock, 3/8"
37	6899 C	(-1941)	Lock, hood, lower (sub. J16439C)
	J 15430 C	(-1941)	Lock, hood, lower (6899C and eyebolt) (sub. J16439C)
	7275 C	(1941-)	Lock, hood, lower (sub. J16438C)
	J 16438 C	(1941-)	Lock, hood, lower (7275C with eyebolt)
38	6900 C	(-1941)	Nut, hand
	7273 C	(1941-)	Nut, hand
39	J 16439 C	(1941-)	Lock, hood (J16438C with 7273C hand nut)
40	J 15404 C	(-)	Elbow, suction pipe
41	6908 C	(-)	Bracket, bearing, right
42	S 3886 C	(-)	Seal, dust (compost mill) (2 used)
43	S 3887 C	(-)	Cover, intake opening (compost mill) (2 used)

ROTOR HOOD AND SAFETY FLAP



Key	Part No.	Year	Description
1A	S 3832 C	(-1943)	Flap, safety, 11" x 12-3/8"
1B	J 16592 C	(1943-)	Flap, safety, 8-1/2" x 11" (serial no. 41542 and up, except mills nos. 41547, 41555, and 41564)
2	11H 236	(-)	Pin, cotter, 1/8" x 1" (2 used)
3	X 4792 C	(-)	Rod, safety flap, 3/8" round x 13-1/8"
4A	J 15425 C	(-1943)	Hood, rotor (to serial no. 41541, also mills nos. 41547, 41555, and 41564)
4B	J 16582 C	(1943-)	Hood, rotor (serial no. 41542 and up, except mills nos. 41547, 41555, and 41564)
5	19H 1965	(-)	Screw, cap, high-strength, 3/8" x 1-3/4" (2 used)
	14H 812	(-)	Nut, 3/8" (2 used)
	12H 304	(-)	Washer, lock, 3/8" (2 used)
6	7274 C	(1941-)	Lock, upper (sub. for 6898C)
7	19H 1936	(-)	Screw, cap, high-strength, 3/8" x 3/4" (8 used)
	14H 812	(-)	Nut, 3/8" (8 used)
	12H 304	(-)	Washer, lock, 3/8" (8 used)
8	3H 1268	(-)	Bolt, cge., high-strength, 5/16" x 3/4" (5 used)
	14H 785	(-)	Nut, 5/16" (5 used)
	12H 303	(-)	Washer, lock, 5/16" (5 used)
9	6901 C	(-)	Stiffener, cast (in hood)
10A	J 15424 C	(-1943)	Plate, baffle, front (riveted) (to serial no. 41541, also mills nos. 41547, 41555 and 41564)
10B	J 17815 C	(1943-)	Plate, baffle, front (welded) (sub. for J16590C)
11A	J 15423 C	(-1943)	Plate, baffle, rear (riveted) 3/16" x 10" x 9-1/4"
11B	J 17812 C	(1943-)	Plate, baffle, rear (welded) 3/16" x 10" x 15/16" (sub. for J16591C)
12	19H 1721	(-)	Screw, cap, high-strength, 1/2" x 1-1/2" (2 used)
	14H 809	(-)	Nut, 1/2" (2 used)
	12H 301	(-)	Washer, lock, 1/2" (2 used)

SCREENS, ANCHOR STAKES, AND WRENCH

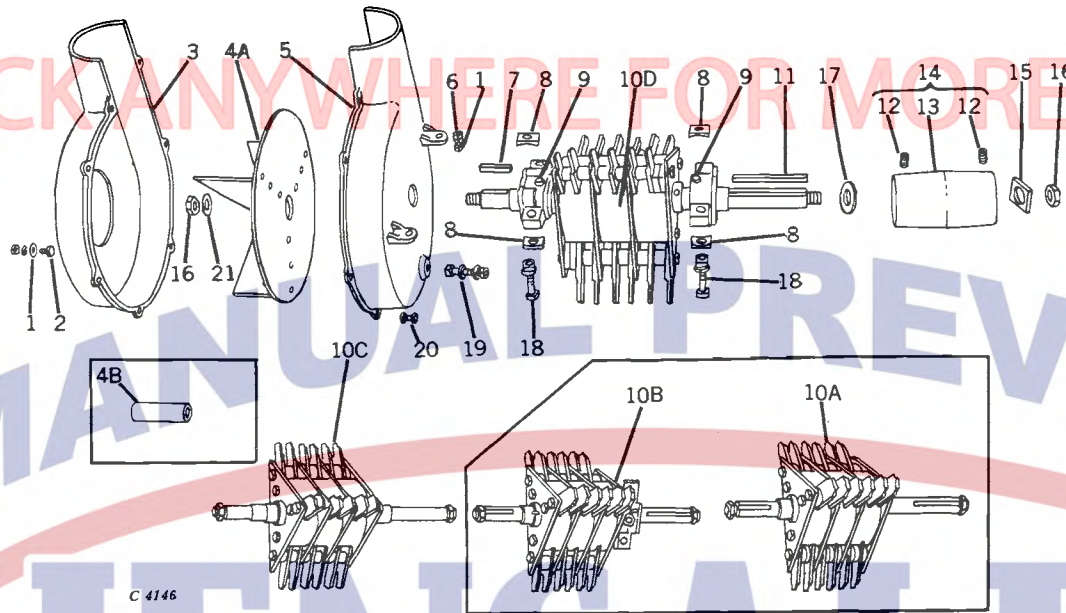


Key	Part No.	Year	Description
1	X 4952 C	(-)	Stake, anchor (2 used)
2	X 4953 C	(-)	Bar, tie
3	19H 1936	(-)	Screw, cap, high-strength, 3/8" x 3/4" (2 used)
	14H 812	(-)	Nut, 3/8" (2 used)
	12H 304	(-)	Washer, lock, 3/8" (2 used)
4	J 15479 C	(-)	Stake, anchor, assembly (3 used)
5	J 18824 C	(-)	Screen, 1/32" round hole (reinforced) (sub. for S4300C)
	J 18825 C	(-)	Screen, 1/20" round hole (reinforced) (sub. for S3471C)
	J 18826 C	(-)	Screen, 1/16" round hole (reinforced) (sub. for S3472C)
	J 20367 C	(-)	Screen, 1/25" round hole
	S 3473 C	(-)	Screen, 3/32" round hole
	S 3474 C	(-)	Screen, 1/8" round hole
	S 3475 C	(-)	Screen, 3/16" round hole
	S 3476 C	(-)	Screen, 1/4" round hole
	S 3477 C	(-)	Screen, 5/16" round hole
	S 3478 C	(-)	Screen, 3/8" round hole
	S 4088 C	(-)	Screen, 1-1/4" round hole
	S 3983 C	(-)	Screen, 1-1/2" round hole
6	S 3479 C	(-)	Screen, 1/2" square hole
	S 3480 C	(-)	Screen, 11/16" square hole
	S 4087 C	(-)	Screen, 7/8" square hole
	S 3481 C	(-)	Screen, 1" square hole
7	31H 3	(-)	Wrench, Allen head set screw, 3/16"
8	J 17419 C	(-)	Screen, sorgo

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ROTOR, BLOWER FAN, AND PULLEY

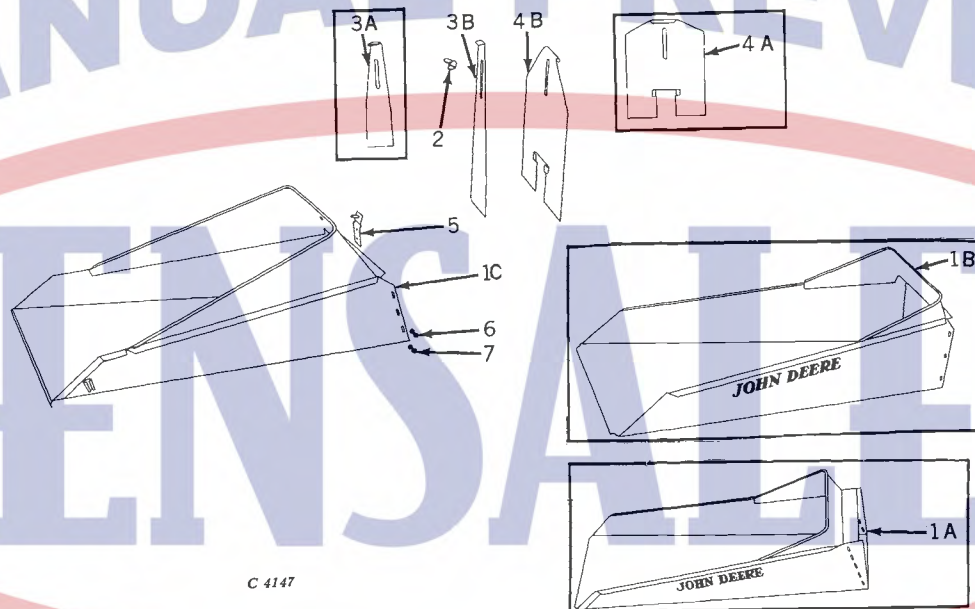


Key	Part No.	Year	Description
1	X 4940 C	(-)	Washer, 13/32" x 1-3/16" x 1/8" (6 used)
2	3H 1268	(-)	Bolt, cge., high-strength, 5/16" x 3/4" (3 used)
	14H 785	(-)	Nut, 5/16" (3 used)
	12H 303	(-)	Washer, lock, 5/16" (3 used)
3	7328 C	(-)	Housing, fan (outer) (sub. for 6910C and J16643C)
4A	J 15428 C	(-)	Fan, blower
4B	Y 1353 C	(-)	Spacer (on rotor shaft) (for mills less fan)
5	7329 C	(-)	Housing, fan (inner) (sub. for 6911C, 6961C, and J16644C)
6	19H 1732	(-)	Screw, cap, high-strength, 3/8" x 1-1/4" (2 used)
	14H 812	(-)	Nut, 3/8" (2 used)
7	X 4939 C	(-)	Key, 5/16" sq. x 2-1/2"
8	6907 C	(-)	Washer, aligning (8 used)
9	JD 7797	(-)	Fitting, grease, straight, 1/4" (2 used)
10A	J 15453 C	(1939-1939)	Shaft, rotor (Y1348C) (regular hammers) (complete, less pulley, fan, and bearings) (sub. J15565C)
	J 15510 C	(1939-1939)	Shaft, rotor (Y1348C) (hard surface hammers) (complete, less pulley, fan, and bearings) (sub. J15566C)
10B	J 15565 C	(1939-1939)	Rotor (Y1367C) and parts required for replacement of J15453C
	J 15566 C	(1939-1939)	Rotor (Y1367C) and parts required for replacement of J15510C
10C	J 15563 C	(-)	Rotor (Y1364C) (regular hammers less bearings, fan, and pulley)
	J 15978 C	(-)	Rotor (Y1364C) (hard-surface hammers less bearings, fan, and pulley)
10D	J 15580 C	(-)	Rotor (Y1364C) (regular hammers with bearings, less fan and pulley)
	J 15979 C	(-)	Rotor (Y1364C) (hard-surface hammers complete with bearings, less fan and pulley)
11	X 5973 C	(1944-)	Key, drive pulley, 5/16" square x 5-3/4"
	X 4938 C	(-1944)	Key, drive pulley, 5/16" square x 5"
12	22H 616	(1949-)	Screw, set, Allen head, 1/2" x 1/2" (in 3-1/8" x 7" pulley) (2 used)
	22H 618	(1949-)	Screw, set, Allen head, 1/2" x 3/4" (in 3-1/2" and 4" x 7" pulleys) (2 used)
13	7865 C	(1949-)	Pulley, cast-iron, 3-1/8" x 7" (sub. J18271C)
	7208 C	(1941-1949)	Pulley, cast-iron, 3-1/8" x 7" (sub. J18271C)
	6923 C	(-1941)	Pulley, aluminum, 3-1/8" x 7" (sub. J18271C)
	7866 C	(1949-)	Pulley, cast-iron, 3-1/2" x 7" (sub. J18272C)
	7209 C	(1941-1949)	Pulley, cast-iron, 3-1/2" x 7" (sub. J18272C)
	6921 C	(-1941)	Pulley, aluminum, 3-1/2" x 7" (sub. J18272C)
	7867 C	(1949-)	Pulley, cast-iron, 4" x 7" (sub. J18273C)
	7210 C	(1941-1949)	Pulley, cast-iron, 4" x 7" (sub. J18273C)
	6912 C	(-1941)	Pulley, aluminum, 4" x 7" (sub. J18273C)
	8234 C	(-)	Pulley, 4-1/2" x 7" (sub. J19721C)
14	J 18271 C	(1949-)	Pulley, 3-1/8" x 7" (7865C with two set screws)
	J 18272 C	(1949-)	Pulley, 3-1/2" x 7" (7866C with two set screws)
	J 18273 C	(1949-)	Pulley, 4" x 7" (7867C with two set screws)
	J 19721 C	(-)	Pulley, 4-1/2" x 7" (8234C with two set screws)
15	S 3943 C	(-)	Washer, lock, drive pulley
16	14H 876	(-)	Nut, jam, 1" (2 used)

ROTOR, BLOWER FAN, AND PULLEY -- Continued

Key	Part No.	Year	Description
17	S 4253 C	(-1941)	Washer, thrust, 1-25/64" x 2"
18	19H 2072	(-)	Screw, cap, high-strength, 5/8" x 3-1/4" (4 used)
	14H 760	(-)	Nut, 5/8" (4 used)
	12H 294	(-)	Washer, lock, 5/16" (4 used)
19	J 18422 C	(-)	Bolt, mach., 1/2" x 3", full thread, with two nuts, two lock washers, and one X6981C lock nut
	X 6981 C	(-)	Nut, lock, 1/2", no. 2 MF
20	19H 1905	(-)	Screw, cap, high-strength, 5/16" x 1" (7 used)
	14H 785	(-)	Nut, 5/16" (7 used)
	12H 303	(-)	Washer, lock, 5/16" (7 used)
21	24H 1451	(-)	Washer, 1-1/32" x 1-3/4" x .060"

FEED TABLE AND FEED CONTROL GATE



Key	Part No.	Year	Description
1A	J 15400 C	(-1943)	Table, feed (less control gate parts) (to serial no. 41541, also mills nos. 41547, 41555, 41564)
	J 15401 C	(-1943)	Table, feed (complete with J15400C, J16584C, 6922C, S3825C, and S3826C) (to serial no. 41541, also mills nos. 41547, 41555 and 41564)
1B	J 16583 C	(1943-1959)	Table, feed (less feed control gate parts) (serial no. 41542 to 107749 except mills nos. 41547, 41555 and 41564) (sub. AC10992C, C11782C, C11786C, J16073C)
1C	AC 10992 C	(1960-)	Table, feed (less feed control gate parts) (serial no. 107750 and up except mills nos. 41547, 41555 and 41564)
2	6922 C	(-)	Nut, thumb, 3/8"
3A	S 3826 C	(-1943)	Gate, feed control, small (used with S3825C gate)
3B	S 4279 C	(1943-1959)	Gate, feed control, small (used with S4278C gate)
	C 11786 C	(1960-)	Gate, feed control, small (used with C11782C gate)
4A	S 3825 C	(-1943)	Gate, feed control, large (used with J15400C feed table)
4B	S 4278 C	(1943-1959)	Gate, feed control, large (used with J16583C feed table)
	C 11782 C	(1960-)	Gate, feed control, large (used with AC10992C feed table)
5	J 16073 C	(1960-)	Bracket, feed control gate (less thumb nut) (used with AC10992C feed table)
	J 16584 C	(1943-1959)	Bracket, feed control gate (less thumb nut) (used with J16583C feed table)
6	21H 1046	(-)	Screw, mach., truss head, 5/16" x 1/2" (8 used)
	14H 785	(-)	Nut, 5/16" (8 used)
	12H 303	(-)	Washer, lock, 5/16" (8 used)
7	21H 1146	(-)	Screw, mach., rd. hd., 5/16" x 1/2" (2 used)
	14H 785	(-)	Nut, 5/16" (2 used)
	12H 303	(-)	Washer, lock, 5/16" (2 used)