

John Deere

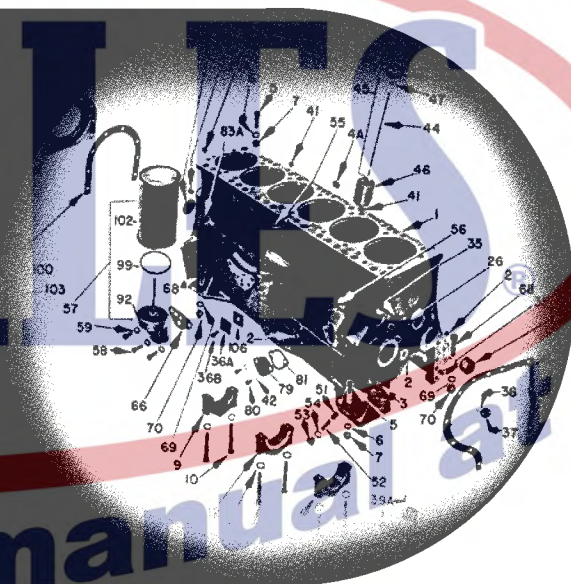
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MODEL:

290 Corn Planter

MANUAL PREVIEW

**PARTS
MANUAL**



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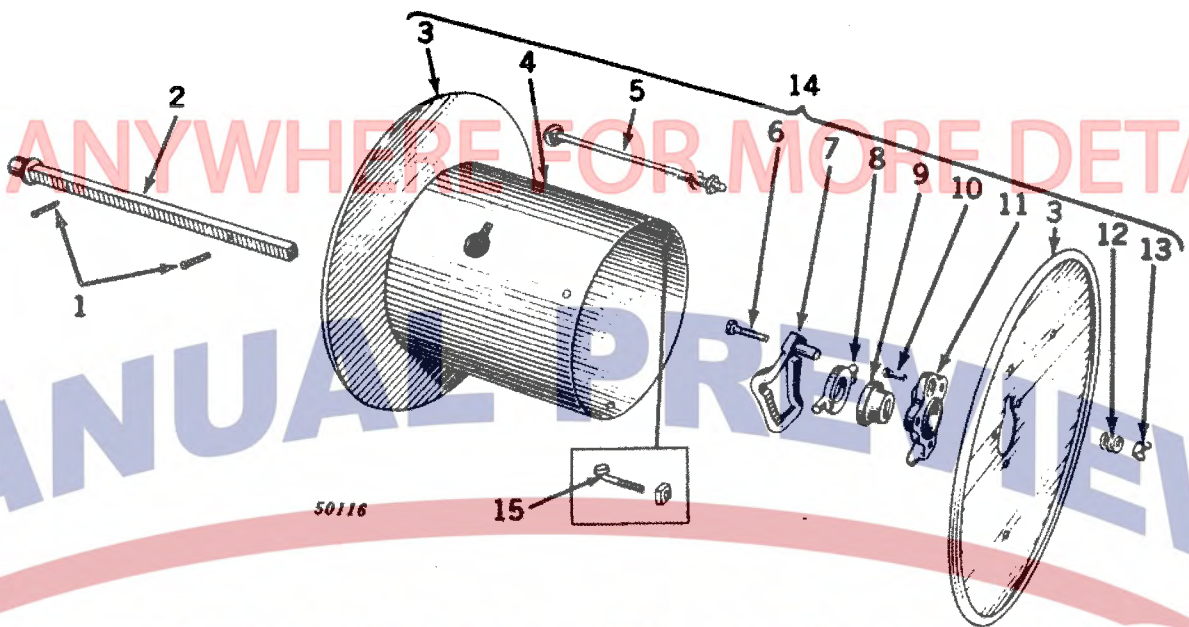
John Deere 290 Two-Row Corn Planter
Manufactured (1941-)

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(Specifications and design subject to change without notice.)

REEL



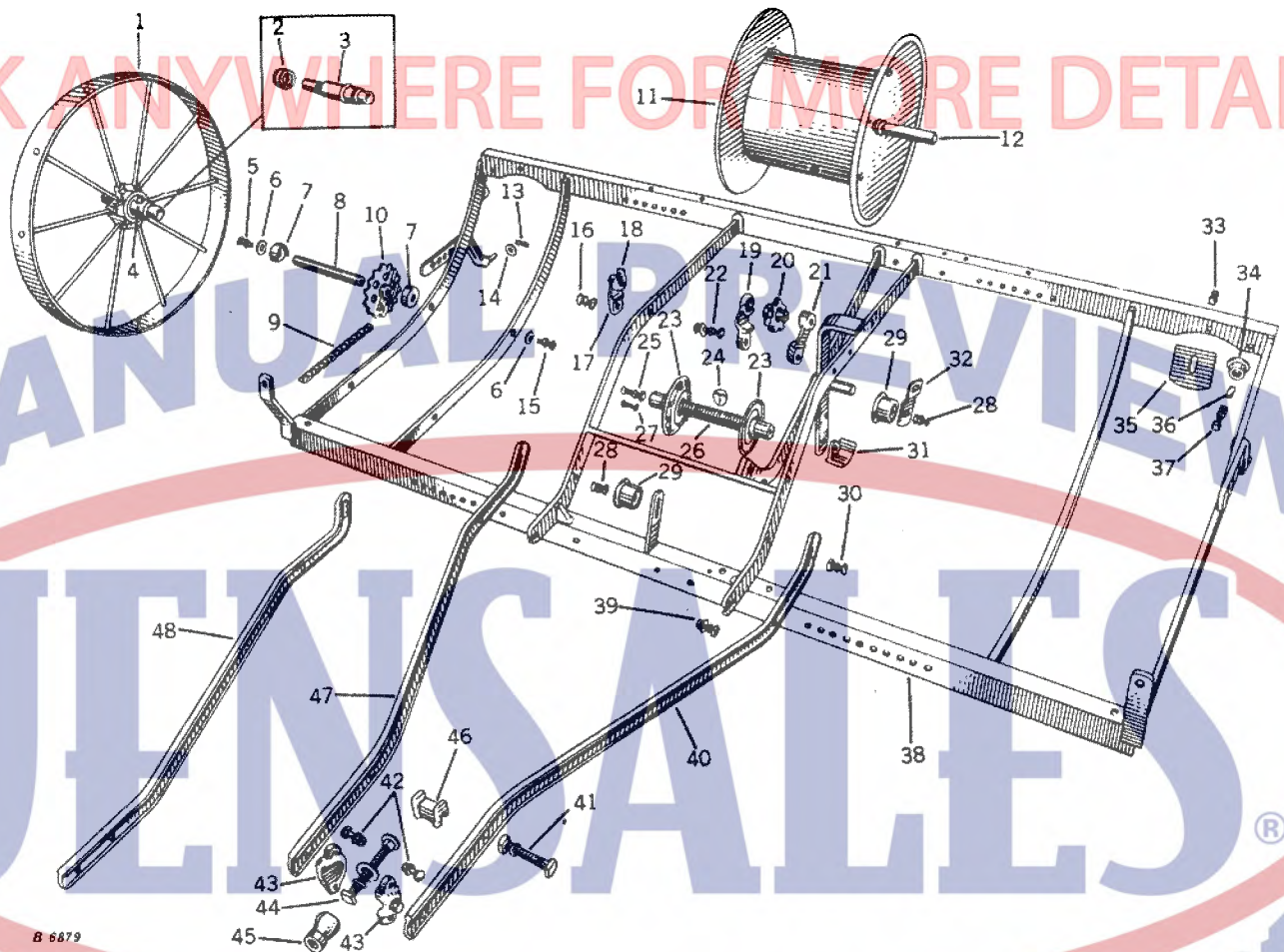
Key	Part No.	Year	Description
1	11H 216	(-)	Pin, cotter, 3/16" x 1" (2 used)
2	H 1885 B	(-)	Shaft
3	H 1511 B	(- 1946)	Reel end (2 used)
4	H 2163 B	(1946 -)	Reel end (2 used)
5	H 2161 B	(-)	Drum, reel (sub. for H1886B or H2090B)
6	3H 2172	(1946 -)	Bolt, cge., 1/4" x 9-1/2" (3 used)
7	12H 302	(1946 -)	Washer, lock, 1/4"
8	14H 786	(1946 -)	Nut, 1/4"
9	19H 2102	(-)	Screw, cap, 1/4" x 1-3/4" (2 used)
10	24H 1136	(-)	Washer, 11/32" x 11/16" x .060" (2 used)
11	H 1510 B	(- 1941)	Yoke, reel friction (2 used)
12	H 1963 B	(1942 -)	Yoke, reel friction (2 used)
13	H 1496 B	(-)	Trunnion, reel friction (2 used)
14	H 1495 B	(-)	Journal, reel friction (2 used)
15	16H 644	(-)	Rivet, btn. hd., 1/4" x 1/2" (6 used)
16	H 1494 B	(- 1941)	Hub, reel friction (2 used)
17	H 1960 B	(1942 -)	Hub, reel friction (2 used)
18	B 1147 B	(-)	Spring, reel friction (2 used)
19	14H 952	(-)	Nut, wing, 1/4" (2 used) (sub. for G25289B)
20	AH 526 B	(-)	Reel, complete
21	H 1610 B	(- 1944)	Bolt, reel end, with nut (6 used)
22	H 2091 B	(1944 - 1946)	Bolt, reel end, with nut (6 used)

(Parts listed below are not illustrated.)

BB 11560	(-)	WIRE, CHECK ROW, 20 RODS (SUB. FOR 155236 OR 155436)
BB 11561	(-)	WIRE, CHECK ROW, 20 RODS (SUB. FOR 155238 OR 155438)
BB 11562	(-)	WIRE, CHECK ROW, 20 RODS (SUB. FOR 155240 OR 155440)
BB 11563	(-)	WIRE, CHECK ROW, 20 RODS (SUB. FOR 155242 OR 155442)

Capital letters indicate whole goods. Whole goods must be ordered separately from replacement parts.

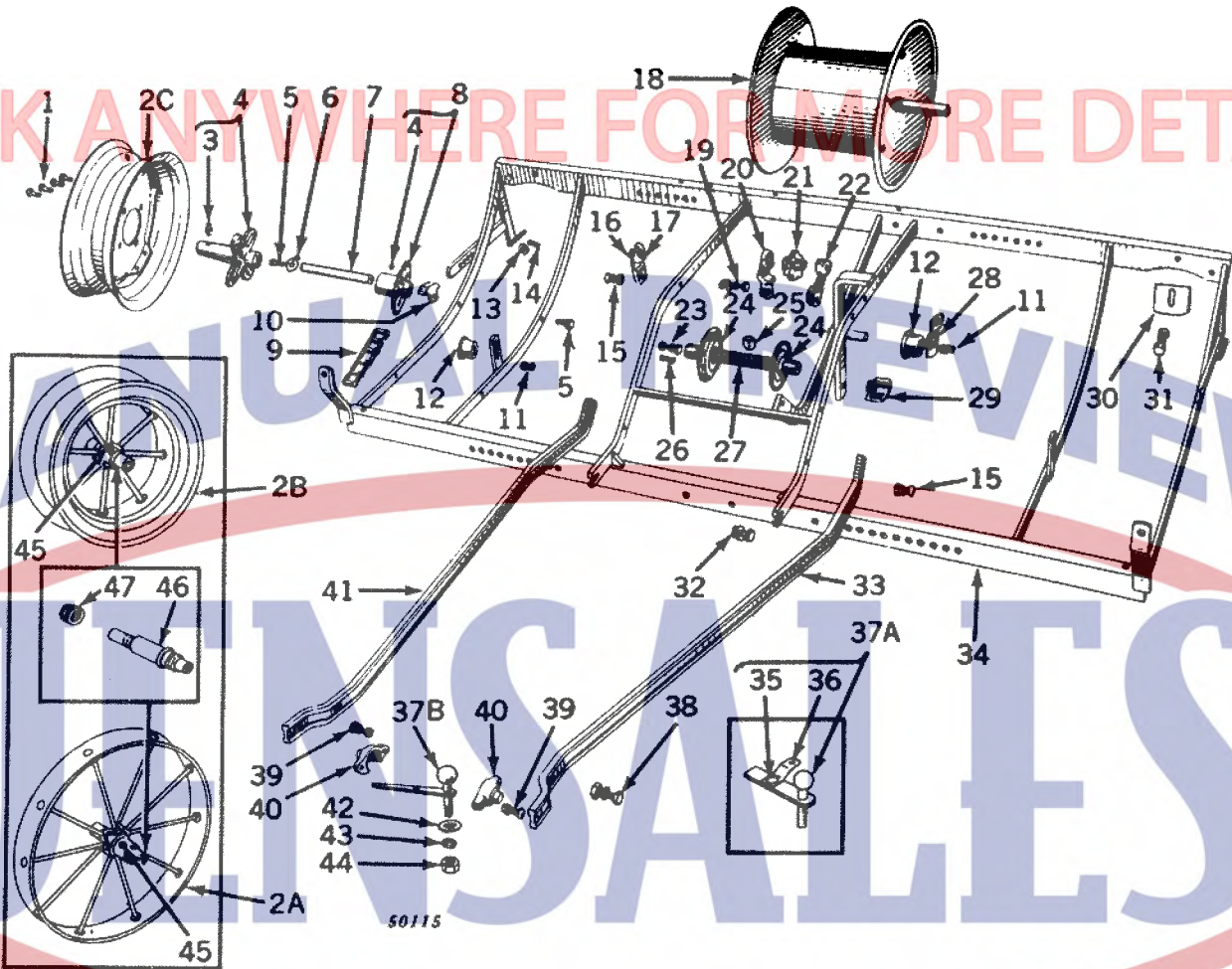
FRAME, REEL, HITCH, AND WHEEL (-1946)



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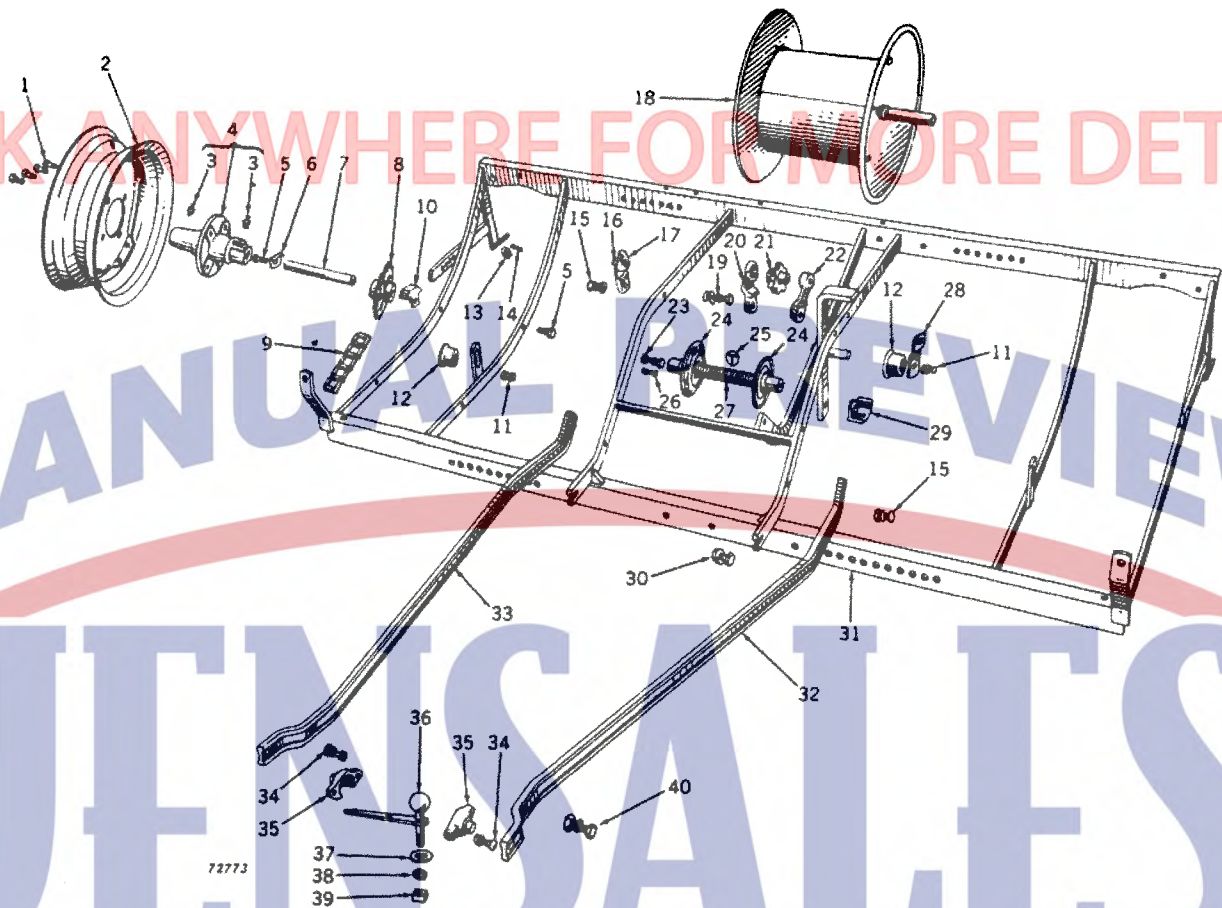
Key	Part No.	Year	Description
1	JD 440	()	Wheel, spoke (for 6.00-16 tire) (with JD2601, JD2634, and JD7759) (2 used)
	JD 441	()	Wheel, steel, 28", with JD2601, JD2634, and JD7759 (2 used)
2	JD 2601	()	Nut, wheel box (2 used)
3	JD 2634	()	Box, wheel (2 used)
4	JD 7759	()	Fitting, grease, straight, 1/8" (2 used)
5	19H 1721	()	Screw, cap, 1/2" x 1-1/2" (2 used)
	12H 301	()	Washer, lock, 1/2"
6	P 890 B	()	Collar, adjusting (4 used)
7	H 1735 B	()	Shield, dust (4 used)
8	H 1873 B	()	Shaft, drive wheel (2 used)
9		()	Chain, steel, No. 32, 33 links (2 used)
10	H 1734 B	()	Sprocket, drive wheel, 14-tooth (2 used)
11	AH 526 B	()	Drum, wire reel, complete (detailed on page 3)
12	H 1885 B	()	Shaft, wire reel
13	11H 216	()	Pin, cotter, 3/16" x 1" (2 used)
14	24H 1211	()	Washer, 9/16" x 1-3/8" x .105" (2 used)
15	19H 1721	()	Screw, cap, 1/2" x 1-1/2" (2 used)
	12H 301	()	Washer, lock, 1/2"
16	3H 1574	()	Bolt, cge., 7/16" x 1-1/2"
	12H 293	()	Washer, lock, 7/16"
	14H 813	()	Nut, 7/16"
17	H 1726 B	()	Bearing, wire reel, R.H.
18	11H 249	()	Pin, cotter, 1/4" x 2"
19	H 1727 B	()	Bearing, wire reel, inner, L.H.
20	H 1725 B	()	Sprocket, driven, wire reel, 6-tooth
21	H 1728 B	()	Bearing, wire reel, outer, L.H.
22	3H 1751	()	Bolt, cge., 7/16" x 2-1/4"
	12H 293	()	Washer, lock, 7/16"
	14H 813	()	Nut, 7/16"
	24H 1226	()	Washer, 1/2" x 1-1/4" x .075"
23	H 1986 B	()	Sheave, half, level wind (2 used)
24	H 1308 B	()	Dog, level wind

FRAME, REEL, HITCH, AND WHEEL (1947-1957)



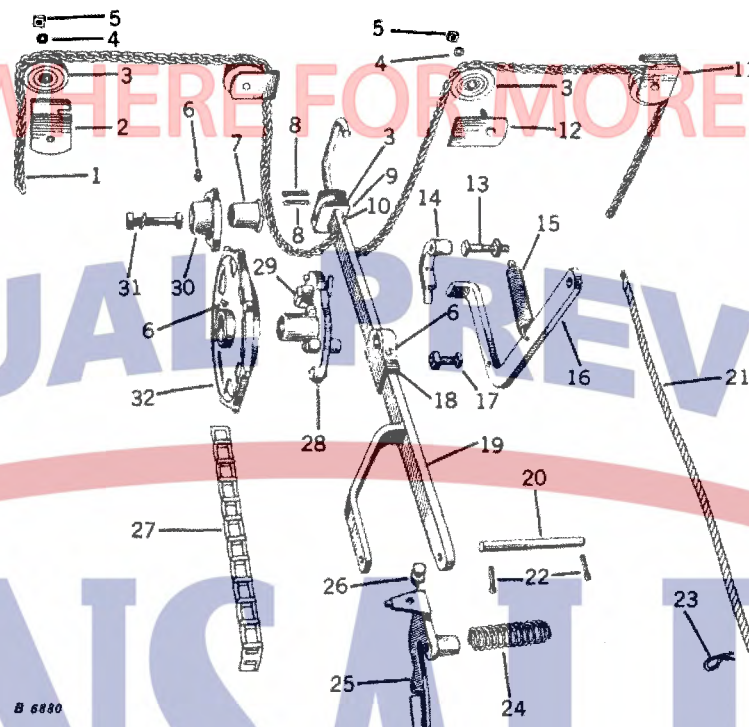
Key	Part No.	Year	Description
1	JD 22	(1953 -)	Bolt, wheel, 1/2" (8 used)
2A	JD 441	(- 1947)	Wheel, steel, 28" with JD2601, JD2634, and JD7759 (2 used)
	JD 447	(- 1947)	Wheel, steel, 28" with JD2601, JD2637, and JD7759 (2 used) (sub. for JD444)
2B	JD 440	(- 1947)	Wheel, spoke (for 6.00-16 tire) (with JD2601, JD2634, and JD7759) (2 used)
	JD 448	(1947 - 1950)	Wheel, spoke (for 6.00-16 tire) (with JD2601, JD2637, and JD7759) (2 used) (sub. for JD445)
	JD 450	(1950 - 1953)	Wheel, spoke (for 6.40-15 or 6.70-15 tire) (with JD2601, JD2637, and JD7759) (2 used)
2C	JD 455	(1953 -)	Wheel, disk (for 6.40-15 or 6.70-15 tire) (2 used)
3	JD 7765	(1953 -)	Fitting, grease, straight drive, 1/8" (4 used)
4	AH 886 B	(1953 -)	Hub, drive wheel, with grease fitting (2 used) (sub. for H2556B, H2600B, AH843B, or H2714B)
5	19H 1721	(- 1947)	Screw, cap, 1/2" x 1-1/2" (4 used)
	19H 1815	(-)	Screw, cap, 1/2" x 1-1/4" (4 used)
	12H 301	(-)	Washer, lock, 1/2"
6	H 1735 B	(- 1947)	Shield, dust (4 used)
	H 2171 B	(-)	Shield, dust, outside (2 used)
7	H 1873 B	(- 1947)	Shaft, drive wheel (2 used)
	H 2715 B	(-)	Shaft, drive wheel (2 used) (sub. for H2201B)
8	H 1734 B	(- 1947)	Sprocket, drive wheel, 14-tooth (for JD440, or JD441 wheels) (2 used)
	H 2174 B	(-)	Sprocket, drive wheel, 14-tooth (for JD444 or JD447 28" steel wheels) (2 used)
	H 2174 B	(- 1953)	Sprocket, drive wheel, 14-tooth (for JD445, JD448 or JD450 spoke wheels) (2 used)
	H 2557 B	(1953 - 1954)	Sprocket, drive wheel, 14-tooth (for JD455 disk wheel with H2556B hub) (2 used)
	AH 844 B	(1954 -)	Sprocket, drive wheel, 14-tooth, with grease fitting (for JD455 disk wheel with H2600B or H2714B hub) (2 used) (sub. for H2601B)
9	...	(-)	Chain, steel, No. 32, 34 links (2 used)
10	H 2202 B	(-)	Shield, dust, inside (2 used)

FRAME, REEL, HITCH, AND WHEEL (1958-)



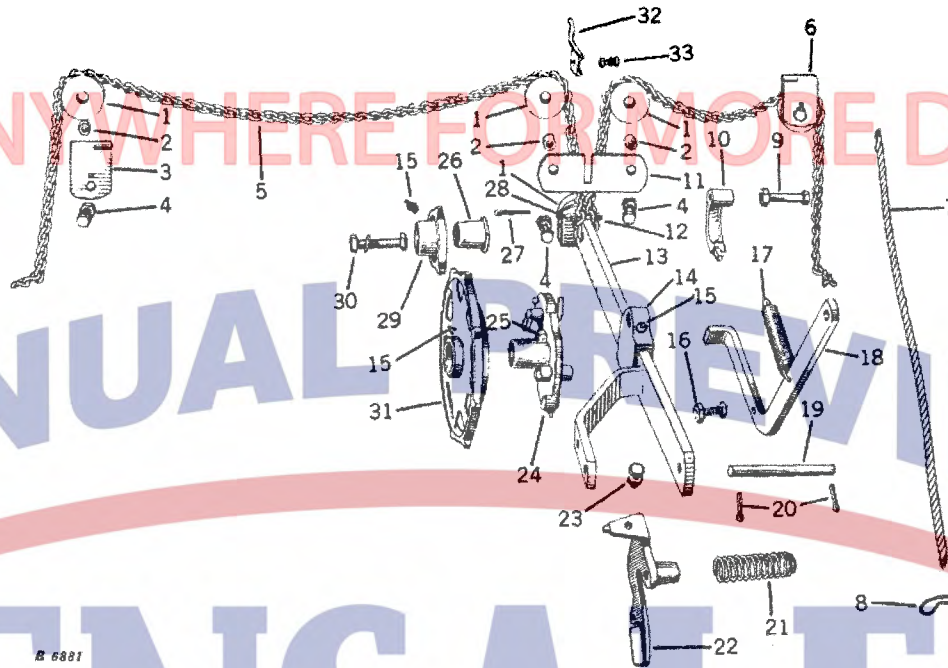
Key	Part No.	Year	Description
1	JD 22	- 1959	Bolt, wheel, 1/2" (8 used)
	JD 19	1959 -	Bolt, wheel, 1/2" (8 used)
2	JD 455	-	Wheel, disk (for 6.40-15 or 6.70-15 tire) (2 used)
3	JD 7765	-	Fitting, grease, straight drive, 1/8" (2 used)
4	AB 10721	-	Hub, drive wheel, with two grease fittings (2 used) (sub. for B10587)
5	19H 1815	-	Screw, cap, 1/2" x 1-1/4" (4 used)
	12H 301	-	Washer, lock, 1/2"
6	H 2171 B	-	Shield, dust, outside (2 used)
7	H 2715 B	-	Shaft, drive wheel (2 used)
8	H 2174 B	-	Sprocket, drive wheel, 14-tooth (2 used)
9	...	-	Chain, steel, No. 32, 34 links (2 used)
10	H 2202 B	-	Shield, dust, inside (2 used)
11	3H 1524	-	Bolt, cge., 5/16" x 1" (3 used)
	12H 303	-	Washer, lock, 5/16"
	14H 785	-	Nut, 5/16"
	24H 1122	-	Washer, 3/8" x 7/8" x .075"
12	H 1972 B	-	Roller, chain tightener (3 used)
13	24H 1211	-	Washer, 9/16" x 1-3/8" x .105" (2 used)
14	11H 216	-	Pin, cotter, 3/16" x 1" (2 used)
15	3H 1574	-	Bolt, cge., 7/16" x 1-1/2" (3 used)
	12H 293	-	Washer, lock, 7/16"
	14H 813	-	Nut, 7/16"
16	H 1726 B	-	Bearing, wire reel, R.H.
17	11H 249	-	Pin, cotter, 1/4" x 2"
18	AH 526 B	-	Drum, wire reel, complete
19	3H 1751	-	Bolt, cge., 7/16" x 2-1/4"
	12H 293	-	Washer, lock, 7/16"
	14H 813	-	Nut, 7/16"
	24H 1226	-	Washer, 1/2" x 1-1/4" x .075"
20	H 1727 B	-	Bearing, wire reel, inner, L.H.
21	H 1725 B	-	Sprocket, driven, wire reel, 6-tooth
22	H 1728 B	-	Bearing, wire reel, outer, L.H.

LIFT ASSEMBLY (-1946)



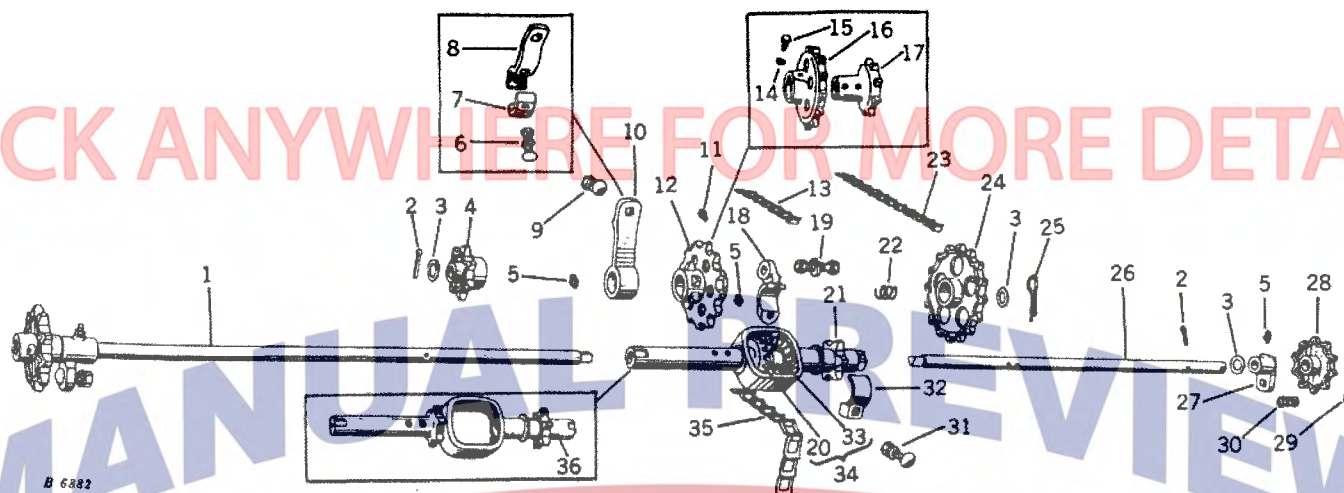
Key	Part No.	Year	Description
1	H 1905 B	(-)	Chain, opener lift
2	AH 483 B	(-)	Bracket and stud, lift chain sheave, R.H.
3	H 1751 B	(-)	Sheave, opener lift chain
4	12H 304	(-)	Washer, lock, 3/8"
5	14H 812	(-)	Nut, 3/8"
6	JD 7759	(-)	Fitting, grease, straight, 1/8"
7	H 1742 B	(-)	Chain tightener, lift clutch
8	11H 240	(-)	Pin, cotter, 5/32" x 1-1/2"
9	H 1863 B	(-)	Bracket, lift arm sheave
10	11H 244	(-)	Pin, cotter, 3/16" x 2-1/2"
11	AH 484 B	(-)	Bracket and stud, lift chain sheave, L.H.
12	AH 482 B	(-)	Bracket and stud, lift chain sheave, center, L.H.
	AH 481 B	(-)	Bracket and stud, lift chain sheave, center, R.H.
13	H 1929 B	(-)	Bolt, lift clutch throw-out latch
14	H 2186 B	(-)	Latch, lift clutch throw-out (sub. for H1740B)
15	Y 1576 B	(-)	Spring, lift clutch throw-out lever
16	H 1872 B	(-)	Lever, lift clutch throw-out
17	19H 1821	(-)	Screw, cap, 7/16" x 1-1/4"
	14H 813	(-)	Nut, 7/16"
18	H 1739 B	(-)	Socket, lift clutch crank
19	AH 480 B	(-)	Lift arm and brace
20	H 1941 B	(-)	Pin, lift arm pivot
21	AH 316 B	(-)	Rope, lift clutch, with H1514B
22	11H 216	(-)	Pin, cotter, 3/16" x 1"
23	H 1514 B	(-)	Tie, rope
24	Y 1481 B	(-)	Spring, drilling device
25	H 1714 B	(-)	Drilling device
26	19H 1732	(-)	Screw, cap, 3/8" x 1-1/4"
	14H 812	(-)	Nut, 3/8"
27	...	(-)	Chain, steel, No. 32, 37 links
28	AH 540 B	(-)	Carrier, lift clutch, complete (consists of clutch dog and pins, swivel, roller, 16H697 rivet, and H2094B spring) (sub. for H1966B and H2055B)
29	H 2094 B	(-)	Spring, lift clutch
30	H 2095 B	(-)	Sprocket, lift clutch chain idler (sub. for H1741B)
31	19H 2227	(-)	Screw, cap, 7/16" x 2-1/2"
	12H 293	(-)	Washer, lock, 7/16"
	14H 813	(-)	Nut, 7/16"
32	H 2178 B	(-)	Sprocket and bell, lift clutch (sub. for H1737B and H2054B)

LIFT ASSEMBLY (1947-)



Key	Part No.	Year	Description
1	H 1489 B	(-)	Sheave, chain (5 used)
2	H 2204 B	(-)	Bushing, chain sheave (5 used)
3	H 2198 B	(-)	Bracket, lift chain roller, R.H.
4	19H 1765	(-)	Screw, cap, 3/8" x 1-3/4" (4 used)
	12H 304	(-)	Washer, lock, 3/8"
	14H 812	(-)	Nut, 3/8"
5	H 1905 B	(-)	Chain, opener lift
6	H 2199 B	(-)	Bracket, chain sheave, L.H.
7	AH 316 B	(-)	Rope, lift clutch, with H1514B
8	H 1514 B	(-)	Tie, rope
9	H 1929 B	(-)	Bolt, lift clutch throw-out latch
	14H 813	(-)	Nut, 7/16"
10	H 2186 B	(-)	Latch, lift clutch throw-out
11	H 2200 B	(-)	Bracket, center sheave
12	11H 215	(-)	Pin, cotter, 1/4" x 1-1/2"
13	AH 624 B	(-)	Lift arm and brace
14	H 2177 B	(-)	Socket, lift clutch crank
15	JD 7759	(-)	Fitting, grease, straight, 1/8" (2 used)
16	19H 1821	(-)	Screw, cap, 7/16" x 1-1/4"
	14H 813	(-)	Nut, 7/16"
17	Y 1576	(-)	Spring, lift clutch throw-out lever
18	H 1872 B	(-)	Lever, lift clutch throw-out
19	H 1941 B	(-)	Pin, lift arm pivot
20	11H 216	(-)	Pin, cotter, 3/16" x 1" (2 used)
21	Y 1481 B	(-)	Spring, drilling device
22	H 1714 B	(- 1947)	Drilling device
	H 2261 B	(1947 -)	Drilling device
23	19H 1732	(-)	Screw, cap, 3/8" x 1-1/4"
	14H 812	(-)	Nut, 3/8"
24	AH 540 B	(-)	Carrier, lift clutch, complete (consists of clutch dog and pins, swivel, roller, 16H697 rivet, and H2094B spring) (sub. for H2055B)
25	H 2094 B	(-)	Spring, lift clutch
26	H 1742 B	(-)	Chain tightener, lift clutch
27	11H 239	(-)	Pin, cotter, 5/32" x 1"
28	H 2335 B	(-)	Bracket, lift arm sheave (sub. for H2197B)
29	H 2095 B	(-)	Sprocket, lift clutch chain idler
30	19H 2227	(-)	Screw, cap, 7/16" x 2-1/2"
	12H 293	(-)	Washer, lock, 7/16"
	14H 813	(-)	Nut, 7/16"
31	H 2178 B	(-)	Sprocket and bell, lift clutch
32	AH 631 B	(-)	Trip, throw-out
33	19H 1732	(-)	Screw, cap, 3/8" x 1-1/4"
	12H 304	(-)	Washer, lock, 3/8"
	14H 812	(-)	Nut, 3/8"

COUNTER DRIVE SHAFT



Key	Part No.	Year	Description
1	H 1867 B	(- 1947)	Shaft, R.H.
	H 2433 B	(1947 -)	Shaft, R.H. (sub. for H2205B and H2338B)
2	11H 218	(-)	Pin, cotter, 3/16" x 1-1/2" (2 used)
3	24H 1265	(-)	Washer, 13/16" x 1-1/4" x .060" (4 used)
4	H 2184 B	(-)	Sprocket, 7-tooth, fertilizer drive (sub. for H1758B)
5	JD 7759	(-)	Fitting, grease, straight, 1/8" (4 used)
6	3H 1842	(- 1945)	Bolt, cge., 7/16" x 2"
	12H 293	(- 1945)	Washer, lock, 7/16"
	14H 813	(- 1945)	Nut, 7/16"
7	H 1720 B	(- 1945)	Cap, differential bearing, R.H.
8	H 1718 B	(- 1945)	Bearing, differential, R.H. (sub. H2170B)
9	3H 1574	(1946 -)	Bolt, cge., 7/16" x 1-1/2"
	12H 293	(1946 -)	Washer, lock, 7/16"
	14H 813	(1946 -)	Nut, 7/16"
10	H 2170 B	(1946 -)	Bearing, differential, R.H.
11	21H 1144	(1947 -)	Screw, mach., rd. hd., 1/4" x 1/2"
	12H 302	(1947 -)	Washer, lock, 1/4"
12	H 2265 B	(1947 -)	Sprocket, drill shaft double drive, 6- and 13-tooth
	H 2266 B	(1947 -)	Sprocket, drill shaft double drive, 6- and 15-tooth (for checking 34" rows, or less, special)
13		(-)	Chain, steel, No. 32, 47 links
14	12H 304	(- 1947)	Washer, lock, 3/8"
15	19H 2284	(- 1947)	Screw, cap, 3/8" x 7/8"
16	H 1722 B	(- 1947)	Sprocket, drive, drill shaft, 13-tooth
	H 1723 B	(- 1947)	Sprocket, drive, drill shaft, 15-tooth (for checking 34" rows, or less, special)
17	H 1721 B	(- 1947)	Sprocket, drive, drill shaft, 9-tooth
18	H 1719 B	(-)	Bearing, differential, L.H.
19	19H 1978	(-)	Screw, cap, 7/16" x 1-1/2"
	12H 293	(-)	Washer, lock, 7/16"
	14H 813	(-)	Nut, 7/16"
	24H 1226	(-)	Washer, 1/2" x 1-1/4" x .075"
20	H 1717 B	(-)	Pinion, bevel, differential (2 used)
21	H 2264 B	(1947 -)	Housing, differential
22	H 1908 B	(-)	Spring, throw-out, wire reel
23		(-)	Chain, steel, No. 32, 37 links
24	H 1724 B	(- 1947)	Sprocket, drive, wire reel
	H 2267 B	(1947 -)	Sprocket, drive, wire reel
25	S 2955 DW	(-)	Pin, spring locking
26	H 1868 B	(- 1947)	Shaft, L.H.
	H 2434 B	(1947 -)	Shaft, L.H. (sub. for H2206B)
27	H 1736 B	(-)	Bearing, shaft (2 used)
28	H 2432 B	(-)	Sprocket, driven (2 used) (sub. for D249B and H2175B)
29	11H 255	(-)	Pin, cotter, 5/16" x 2" (2 used)
30	19H 1821	(- 1950)	Screw, cap, 7/16" x 1-1/4"
	3H 1686	(1950 -)	Bolt, cge., 7/16" x 1-1/4"
	12H 293	(-)	Washer, lock, 7/16"
	14H 813	(-)	Nut, 7/16"