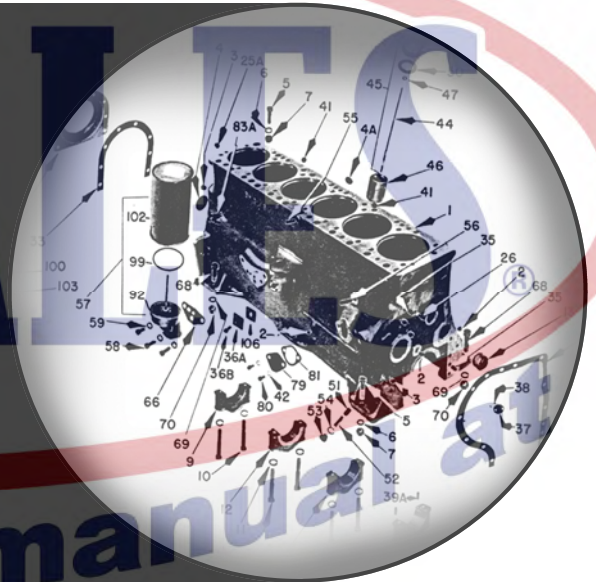


John Deere

MODEL:

120 Corn Snapper

**PARTS
MANUAL**



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JD-P-PC802



John Deere 120 One-Row Semi-Mounted Corn Snapper
and 2010 Row-Crop Tractor

Specifications and design subject to change without notice.

NOTE

When the parenthesis includes only the dash (-)
and no serial number is listed it means the part is
used on all machines and is still a current part.

When a part is shown with the serial number before
the dash (000-)
it means the part was introduced on the machine
beginning with that serial number and is still a cur-
rent part.

When a part is shown with the serial number after the
dash..... (-000)
it means the part was common to all machines up to
that serial number but went out of production on all
machines after that serial number.

When a part is shown with a serial number before and
after the dash..... (000-000)
it means that the part was introduced on the machine
bearing the first serial number and went out of pro-
duction on all machines after the second serial num-
ber.

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MANUAL PREVIEW

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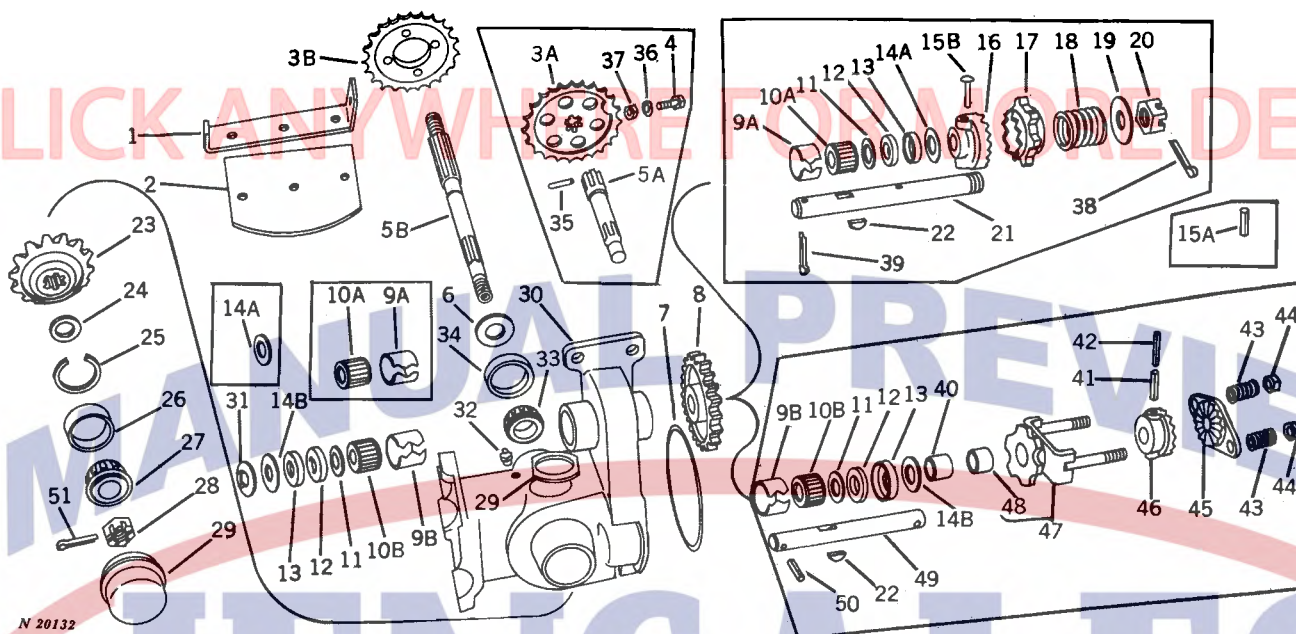
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L.H. DRIVE GEAR HOUSING



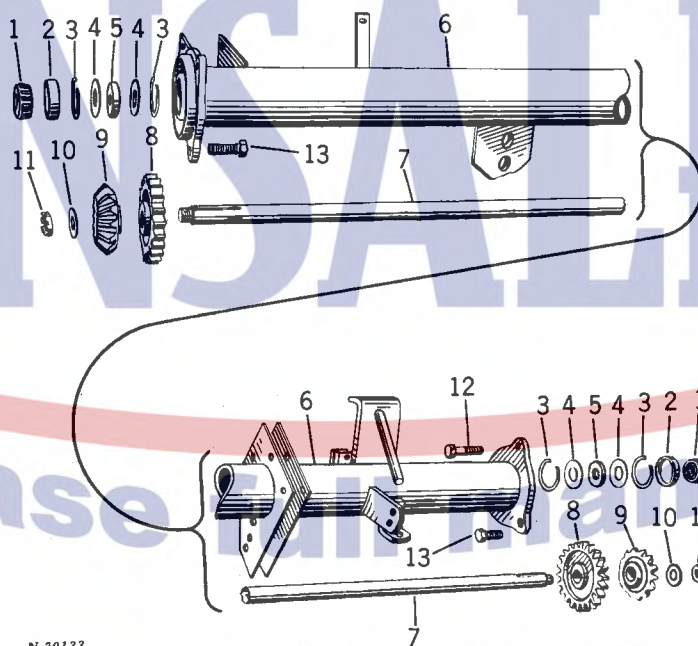
N 20132

Key	Part No.	Serial No.	Description
1	J 16971 N	(-2444)	Support, shield
	N 104274	(2445-)	Support, shield
2	N 100902	(-)	Shield, drive sprocket (sub. for J16272N)
	N 104275	(2445-)	Shield, drive sprocket
3A	J 1605 HN	(-1750)	Sprocket, drive, snapping rolls, 23-tooth
	AN100562	(1751-2444)	Sprocket, drive, snapping rolls, 27-tooth
3B	N 103651	(2445-)	Sprocket, drive, snapping rolls, 27-tooth
4	19H 2738	(-1750)	Bolt, mach., 7/16" x 2"
5A	J 17723 N	(-2444)	Shaft, driven, snapping rolls
5B	N 103634	(2445-)	Shaft, driven, snapping rolls
6	J 15857 HN	(-2444)	Seal, grease, front of shaft
	C 16323	(2445-)	Seal, grease, front of shaft
7	J 16382 N	(-)	Shim, gear housing (use as required)
8	J 19333 N	(-)	Gear, spur
9A	JD 7454	(-1420)	Sleeve, outer (2 used)
9B	JD 7454	(-)	Sleeve, outer (2 used)
10A	JD 7934	(-1420)	Bearing, roller (2 used)
10B	JD 7934	(-)	Bearing, roller (2 used)
11	J 14750 HN	(-)	Washer, retaining, seal, 15/16" x 1-7/16" (2 used)
12	J 5674 H	(-)	Seal, grease, felt, 13/16" x 1-3/8" (2 used)
13	J 17050 N	(-)	Washer, cup, 15/16" x 1-7/16" (2 used)
14A	J 3461 H	(-1420)	Washer, wear, 29/32" x 1-5/8" (use as required)
14B	J 3457 N	(-)	Washer, wear, 29/32" x 1-9/16" x .075" (use as required)
15A	B 7721 HN	(-1420)	Pin, 5/16" x 2-13/16" (sub. J11554HN)
15B	J 11554 HN	(-1420)	Pin, 5/16" x 2-1/2"
16	J 14891 HN	(-1420)	Jaw, slip clutch
17	J 1908 N	(-1420)	Sprocket, drive, first elevator, 6-tooth
18	Z 6395 HN	(-1420)	Spring, slip clutch, 2-7/16" x 2-1/2", 4 coils
19	J 13916 HN	(-1420)	Washer, slip clutch, 29/32" x 2-1/2"
20	14H 536	(-1420)	Nut, slotted, 7/8"
21	J 19008 N	(-1420)	Shaft, driven, first elevator
22	26H 15	(-)	Key, Woodruff, 1/4" x 3/4"
23	J 1604 HN	(-)	Gear, bevel
24	J 16377 N	(-)	Spacer, bearing, rear
25	J 13682 HN	(-)	Ring, snap
26	JD 7438	(-)	Cup, rear bearing
27	JD 8128	(-)	Bearing, roller, rear
28	J 13155 HN	(-2444)	Nut, slotted, 3/4"
	19H 902	(2445-)	Nut, slotted, UNF, 3/4"
29	J 14550 HN	(-2444)	Cap, housing (2 used)
	C 2213 E	(2445-)	Cap, housing
30	J 1683 N	(-)	Housing, gear
31	J 13929 HN	(-)	Washer, lug, 29/32" x 2-1/16"
32	JD 7759	(-)	Fitting, grease, straight, 1/8"
33	JD 8110	(-)	Bearing, roller, front
34	JD 7432	(-)	Cup, front bearing

L.H. DRIVE GEAR HOUSING -- Continued

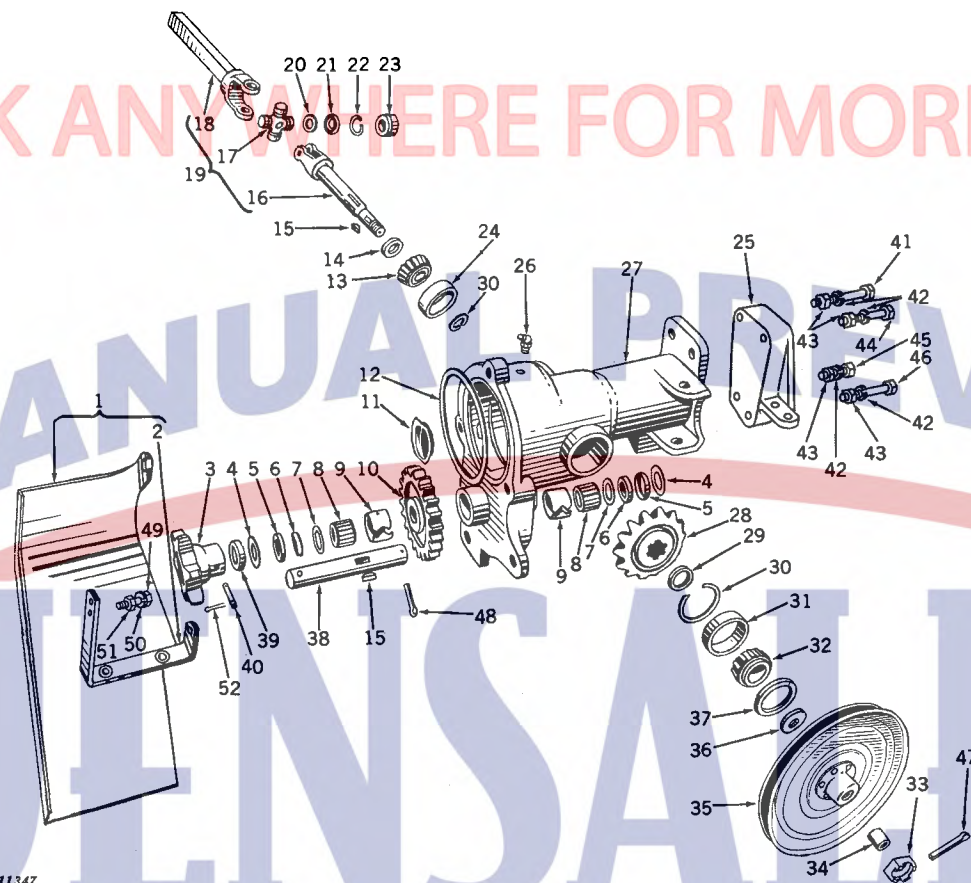
Key	Part No.	Serial No.	Description
35	34H 314	(-1750)	Pin, spring, 1/4" x 1-1/4"
	34H 386	(1751-2444)	Pin, spring, 1/4" x 2"
36	12H 293	(-)	Washer, lock, 7/16"
37	14H 813	(-)	Nut, 7/16"
38	11H 218	(-1420)	Pin, cotter, 3/16" x 1-1/2"
39	11H 214	(-1420)	Pin, cotter, 5/16" x 1-1/2"
40	N 11210 N	(-)	Spacer, 1-1/4" x 1"
41	34H 357	(-)	Pin, spring, 3/8" x 2-1/2"
42	34H 98	(-)	Pin, spring, 7/32" x 2-1/2"
43	B 11331 B	(-)	Spring, 7-1/2 coils
44	M 2023 T	(-)	Nut, elastic stop, 5/8" (2 used)
45	N 13567 N	(-)	Clutch, slip, plate, outer
46	N 13522 N	(-)	Clutch, slip, inner
47	AN 12404 N	(-)	Gear assembly, slip clutch
48	J 18527 N	(-)	Bearing, bronze
49	N 100643	(-)	Shaft, driven, first elevator
50	34H 81	(-)	Pin, spring, 3/16" x 1-1/2"
51	11H 237	(-)	Pin, cotter, 1/8" x 2"

MAIN CROSS TUBE AND DRIVE CROSS SHAFT



Key	Part No.	Serial No.	Description
1	JD 8110	(-)	Bearing, roller (2 used)
2	JD 7432	(-)	Cup, bearing (2 used)
3	J 13146 HN	(-)	Ring, snap (4 used)
4	J 16378 N	(-)	Washer, retaining, 1-1/8" x 2-7/32" (4 used)
5	J 16379 N	(-)	Seal, oil, felt, 15/16" x 2-1/4" (2 used)
6	AJ 8367 N	(-)	Tube, main cross
7	J 16376 N	(-)	Shaft, cross, drive
8	J 19332 N	(-)	Gear, spur (2 used)
9	J 1604 HN	(-)	Gear, bevel (2 used)
	N 10180 N	(-)	Gear, bevel inside, 26-tooth (for 1000 rpm)
10	24H 1396	(-)	Washer, filler, 25/32" x 1-1/2" x .105"
11	J 13155 HN	(-)	Nut, slotted, 3/4" (2 used)
12	19H 1824	(-)	Screw, cap, 5/8" x 2-1/4"
13	19H 1708	(-)	Screw, cap, 5/8" x 1-3/4" (4 used)

R.H. DRIVE GEAR HOUSING



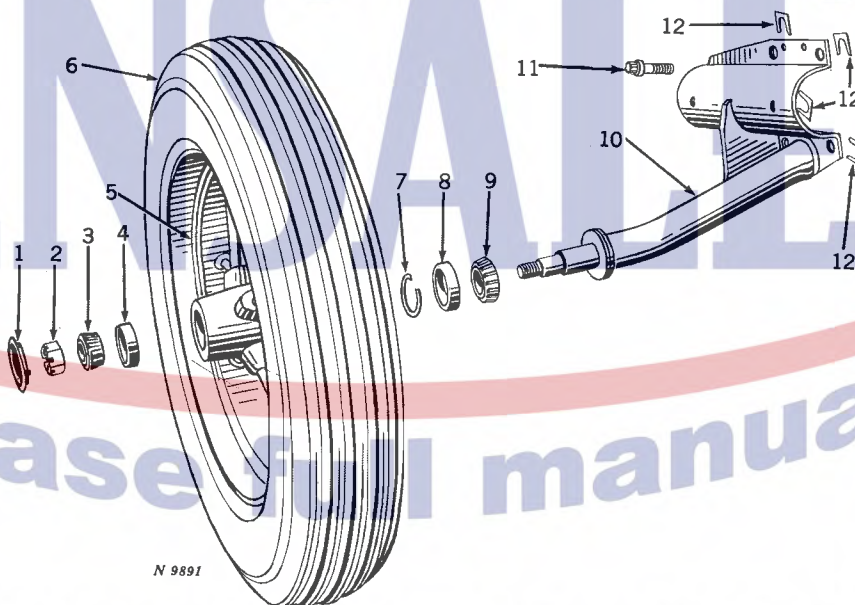
N 11347

Key	Part No.	Serial No.	Description
1	AJ 8871 N	(-)	Shield, wagon elevator drive sprocket
2	J 19062 N	(-)	Bracket, shield
3	J 1906 N	(-)	Sprocket, drive for wagon elevator, 6-tooth
4	J 3461 H	(-)	Washer, wear, 29/32" x 1-5/8" (4 used)
5	J 17050 N	(-)	Washer, cup, 15/16" x 1.44" (2 used)
6	J 5674 H	(-)	Seal, grease, felt, 13/16" x 1-3/8" (2 used)
7	J 14750 HN	(-)	Washer, retaining, seal, 15/16" x 1-7/16"
8	JD 7934	(-)	Bearing, roller (2 used)
9	JD 7454	(-)	Sleeve, outer (2 used)
10	J 19333 N	(-)	Gear, spur
11	J 14550 HN	(-)	Cap, housing
12	J 16382 N	(-)	Shim, gear housing (4 or less used)
13	JD 8912	(-)	Bearing
14	N 10089 N	(-)	Spacer
15	26H 15	(-)	Key, Woodruff, 1/4" x 3/4" (2 used)
16	AJ 9174 N	(-)	Shaft, drive with universal, husking rolls, and cross shaft
17	AJ 7329 H	(-)	Connection, complete with bearings
18	AJ 8200 N	(-)	Shaft, square
19	AJ 9176 N	(-)	Shaft, drive in gear housing complete with universal square shaft
20	J 13543 H	(-)	Retainer, grease washer (4 used)
21	J 13218 H	(-)	Washer, grease, cork (4 used)
22	J 13214 H	(-)	Ring, snap (4 used)
23	J 13213 H	(-)	Bearing (4 used)
24	JD 8243	(-)	Cup, bearing
25	N 12332 N	(-)	Spacer, main frame
26	JD 7760	(-)	Fitting, grease, 67-1/2°, 1/8"
27	N 10090 N	(-)	Housing, gear, R.H.
28	J 1604 HN	(-)	Gear, bevel (for 540 rpm)
29	N 10181 N	(-)	Gear, bevel (for 1000 rpm)
30	J 16377 N	(-)	Spacer, bearing, rear
31	J 13682 HN	(-)	Ring, snap (2 used)
32	JD 7438	(-)	Cup, rear bearing
33	JD 8128	(-)	Bearing, roller, rear

R.H. DRIVE GEAR HOUSING -- Continued

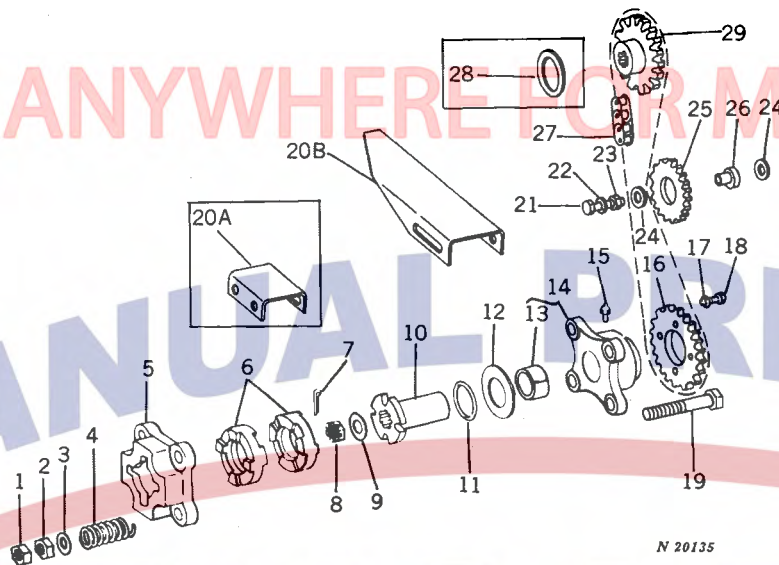
Key	Part No.	Serial No.	Description
33	J 13155 HN	(-)	Nut, slotted, 3/4"
34	J 17683 N	(-)	Spacer, pipe on drive shaft (required when fan is not used)
35	AN100624	(-)	Sheave, drive, fan (for 540 rpm) (sub. for AJ8819N)
	AN100626	(-)	Sheave, drive, fan (for 1000 rpm) (sub. for AN10192N)
36	J 19576 N	(-)	Collar, grease seal
37	J 13674 HN	(-)	Seal, grease, rear
38	J 19403 N	(-)	Shaft, driven, wagon elevator
39	J 19404 N	(-)	Spacer
40	J 8030 H	(-)	Pin, drilled, 5/16" x 1-7/8"
41	19H 2224	(-)	Screw, cap, 1/2" x 4-3/4"
42	12H 301	(-)	Washer, lock, 1/2"
43	14H 809	(-)	Nut, 1/2"
44	19H 1945	(-)	Screw, cap, 1/2" x 3-1/4"
45	19H 1721	(-)	Screw, cap, 1/2" x 1-1/2"
46	19H 1992	(-)	Screw, cap, 1/2" x 4"
47	11H 237	(-)	Pin, cotter, 1/8" x 2"
48	11H 218	(-)	Pin, cotter, 3/16" x 1-1/2"
49	19H 1905	(-)	Screw, cap, 5/16" x 1"
50	12H 303	(-)	Washer, lock, 5/16"
51	14H 785	(-)	Nut, 5/16"
52	11H 236	(-)	Pin, cotter, 1/8" x 1"

MAIN WHEEL AND AXLE



Key	Part No.	Serial No.	Description
1	J 14550 HN	(-)	Cap, wheel
2	14H 535	(-)	Nut, slotted, 3/4"
3	JD 8128	(-)	Bearing, roller, outer
4	JD 7438	(-)	Cup, outer bearing
5	JD 1972	(-)	Wheel, less tire
6		(-)	Tire and tube, implement (5.50 x 16)
7	P 29002 H	(-)	Ring, snap
8	JD 7259	(-)	Cup, inner bearing
9	JD 7209	(-)	Bearing, roller, inner
10	AJ 8331 N	(-)	Axle, stub, with bracket
11	J 17650 N	(-)	Screw, cap, 5/8" x 2-1/2", double hex. hd.
12	J 16521 N	(-)	Shim between bracket and gear housing (use as required)

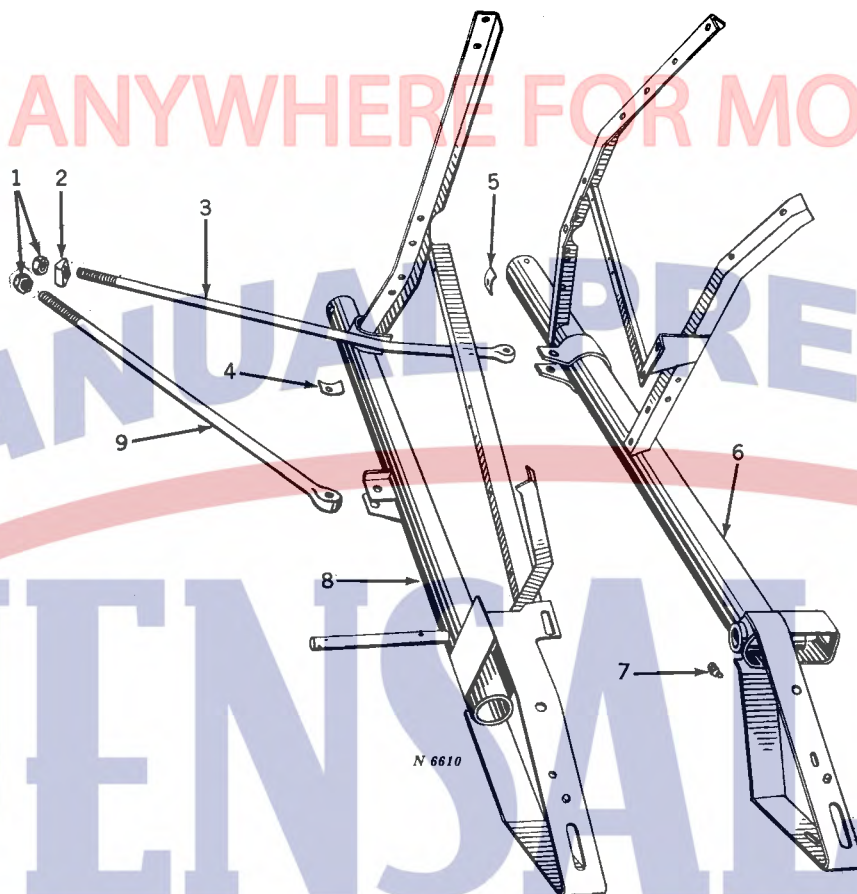
DRIVE FOR SNAPPING ROLLS



N 20135

Key	Part No.	Serial No.	Description
1	14H 821	(2445-)	Nut, jam, 5/8" (4 used)
2	14H 760	(2445-)	Nut, 5/8" (4 used)
3	24H 1370	(2445-)	Washer, 21/32" x 1-3/8" x .134" (4 used)
4	B 11331 B	(2445-)	Spring, 7-1/2"
5	N 100101	(2445-)	Retainer, slip clutch jaw
6	J 17825 N	(2445-)	Jaw, slip clutch (2 used)
7	11H 240	(2445-)	Pin, cotter, 5/32" x 1-1/2"
8	14H 902	(2445-)	Nut, slotted, UNF, 3/4"
9	N 14639 N	(2445-)	Washer, 25/32" x 1-1/2"
10	N 14289 N	(2445-)	Hub and sleeve, slip clutch
11	R 29463 R	(2445-)	O-ring
12	N 14285 N	(2445-)	Washer, slip clutch thrust
13	N 100256	(2445-)	Bearing, slip clutch sprocket
14	AN 100129	(2445-)	Hub, slip clutch sprocket
15	JD 7771	(2445-)	Fitting, grease, straight, 1/8"
16	J 1605 HN	(-1750)	Sprocket, drive, 23-tooth
	AN 100562	(1751-2444)	Sprocket, drive, 27-tooth
	N 103651	(2445-)	Sprocket, drive, 27-tooth
17	12H 304	(-)	Washer, lock, 3/8"
18	19H 1731	(-)	Screw, cap, 3/8" x 1" (4 used)
19	19H 2076	(-)	Screw, cap, 5/8" x 5" (4 used)
20A	J 16589 N	(-1007)	Bracket, tightener (sub. N14093N)
20B	N 14093 N	(1008-)	Bracket, tightener
21	3H 1578	(-)	Bolt, cge., 7/16" x 2-1/4"
22	12H 293	(-)	Washer, lock, 7/16"
23	14H 813	(-)	Nut, 7/16"
24	24H 1325	(-)	Washer, 15/32" x 59/64" x .060" (2 used)
25	AN 31211 N	(-)	Sprocket, idler, 15-tooth
26	N 10077 N	(-)	Sleeve, idler
27		(-1750)	Chain, roller, type 60, 3/4" pitch, 66 links (assemble from four AB1290H, one AB1299H, and one B5321H)
		(1751-)	Chain, roller, type 60, 3/4" pitch, 68 links (assemble from four AB1290H, one AB1299H, one B5234H, one B5235H, and one B5321H)
28	B 5977 H	(-2444)	Washer (6 used)
29	J 18262 N	(-2444)	Sprocket, driven, 18-tooth
	AN 101335	(2445-)	Sprocket, driven, 18-tooth

SNAPPING ROLL SUPPORT TUBES AND BRACES



Key	Part No.	Serial No.	Description
1	14H 836	(-)	Nut, 7/8" (4 used)
2	J 1653 N	(-)	Washer, hillside
3	J 16586 N	(-)	Brace, L.H.
4	J 16135 HN	(-)	Shim, tube, R.H. (use as required)
5	J 16698 N	(-)	Shim, tube, L.H. (use as required)
6	AJ 7925 N	(-)	Tube, support, L.H.
7	JD 7763	(-)	Fitting, grease, 45°, 1/8"
8	AJ 7912 N	(-629)	Tube, support, R.H. (sub. AN12392N, 2-N13800N, N13794N, 10-3H1519, 10-12H304, 10-14H812, and 10-24H1305) (see page 14)
9	AN 12392 N	(630-)	Tube, support, R.H.
	J 16522 N	(-)	Brace, R.H.

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