

**W14, W14H & W14FL
Loaders
S/N9119672 and After**

Parts Catalog

8-1741

Reprinted

CASE III

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MANIFOLDS

336BDT ALTITUDE COMPENSATING ENGINE

REF.	PART NO.	DESCRIPTION	REQ'D
1	A 154149	MANIFOLD ASSEMBLY - intake (Replaces A140120)	1
2	221- 1849	PLUG - hex socket head, 1/8 inch PT	1
3	L 10283	PLUG - intake manifold (Heater hole)	1
4	A 20916	GASKET - manifold plug	1
5	221- 1011	PLUG - square head, 1/8 inch PT	1
6	A 58662	GASKET - intake manifold	4
7	A 59077	STUD - intake manifold	8
8	92- 6	WASHER - lock, 3/8 inch	8
9	195- 25	WASHER - flat, 3/8 x 13/16 x 1/16 inch (10 x 21 x 2 mm)	8
10	25- 166	NUT - hex, 3/8 inch NC	8
12	A 61001	MANIFOLD - exhaust	1
13	A 58895	GASKET - exhaust manifold (metal faced)	4
14	A 59077	STUD - exhaust manifold	8
15	92- 6	WASHER - lock, 3/8 inch	8
16	131- 903	NUT - hex Seez-pruf, 3/8 inch NC	8
17	A 20917	PLUG - intake manifold (Heater hole)(W14H and W14FL only, if equipped) ..	1

336BD NATURAL ASPIRATED ENGINE

19	A 154149	MANIFOLD ASSEMBLY - intake (Replaces A140120)	1
20	221- 1849	PLUG - hex socket head, 1/8 inch PT	1
21	L 10283	PLUG - intake manifold (heater hole)	1
22	A 20916	GASKET - manifold plug	1
23	221- 1011	PLUG - square head, 1/8 inch PT	1
24	A 58662	GASKET - intake manifold	4
25	A 59077	STUD - intake manifold	8
26	92- 6	WASHER - lock, 3/8 inch	8
27	195- 25	WASHER - flat, 3/8 x 13/16 x 1/16 inch (10 x 21 x 2 mm)	8
28	25- 166	NUT - hex, 3/8 inch NC	8
30	A 65272	MANIFOLD ASSEMBLY - exhaust	1
31	A 58750	PLUG - cup type, 3-1/4 inch (103 mm)	1
32	A 58665	PLATE - outlet cover	1
33	13- 616	BOLT - hex, 3/8 NC x 1 inch	4
34	92- 6	WASHER - lock, 3/8 inch	4
35	A 58666	GASKET - exhaust manifold (asbestos faced)	4
36	A 59077	STUD - exhaust manifold	8
37	92- 6	WASHER - lock, 3/8 inch	8
38	131- 903	NUT - hex Seez-pruf, 3/8 inch NC	8
39	A 20917	PLUG - intake manifold (Heater hole)(W14H and W14FL only, if equipped) ..	1

**CAMSHAFT
336BD AND 336BDT DIESEL ENGINE**

REF.	PART NO.	DESCRIPTION	REQ'D
1	A 66742	CAMSHAFT - engine	1
3	A 23487	BUSHING - rear, 1-1/8 inch (29 mm) wide	1
4	A 21019	BUSHING - center, 1-7/16 inch (37 mm) wide	2
5	A 21018	BUSHING - front, 1-5/8 inch (41 mm) wide	1
6	A 21017	WASHER - thrust, camshaft gear	1
7	A 58592	GEAR - camshaft	1
8	A 58593	GEAR - idler drive	1
9	126- 227	KEY - camshaft (Hi-pro)	1
10	A 31038	WASHER - thrust, idler gear	1
11	A 58595	NUT - camshaft	1
12	A 27853	SPRING - plunger	1
13	A 27852	PLUNGER - thrust	1

PISTONS AND SLEEVES
WITH 5.189 inch TO 5.194 inch FIRE DAM DIAMETER SLEEVE
336BD AND 336BDT DIESEL ENGINE

REF.	PART NO.	DESCRIPTION	REQ'D
1	A 166134	PISTON AND SLEEVE ASSEMBLY - engine (Set of 2) (Replaces A156931, See Note)	2
2	A 166122	PISTON - cylinder (Replaces A66531, See Note)	2
3	NSS	RING - compression, top groove (Order Ref 11)	2
4	NSS	RING - compression, second groove (Order Ref 11)	2
5	NSS	RING - oil control, third groove (Order Ref 11)	2
6	A 140607	PIN - piston	2
7	D 27833	RING - snap, piston pin retaining	4
8	A 153638	SLEEVE - cylinders, with 3 grooves	2
	NSS	SLEEVE - cylinder, 2 groove (Order 3 groove sleeve A153638)	2
9	A 144667	O-RING - sleeve	6
11	A 48320	RING KIT - piston re-ringing (Set of 1)(Replaces A44060)	4
14	A 148553	SHIM - sleeve, 0.010 inch (0.254 mm)(Repairs Only)	UAR
14	A 148554	SHIM - sleeve, 0.005 inch (0.127 mm)(Repairs Only)	UAR
15	A 150327	BUSHING - sleeve (Repairs Only)	UAR
	A 150328	LOCTITE - tube (Not Shown)	UAR

CONNECTING RODS

18	A 62954	ROD ASSEMBLY - connecting	4
19	A 61241	BUSHING - piston pin	1
20	A 65757	BOLT - connecting rod bearing cap	2
22	A 43173	INSERT KIT - rod bearing, (Standard)(Set of 2)	4
22	A 43174	INSERT KIT - rod bearing, 0.002 inch (0.051 mm) undersize (Set of 2)	4
22	A 43175	INSERT KIT - rod bearing, 0.010 inch (0.254 mm) undersize (Set of 2)	4
22	A 43176	INSERT KIT - rod bearing, 0.020 inch (0.508 mm) undersize (Set of 2)	4
22	A 43177	INSERT KIT - rod bearing, 0.030 inch (0.762 mm) undersize (Set of 2)	4

NOTE: First used on engine serial number 10344275 and after. Engines prior to with A66531 part number stamped on top, all four pistons must be replaced with A166122.

**TIMING GEAR COVER
336BD AND 336BDT DIESEL ENGINE**

REF.	PART NO.	DESCRIPTION	REQ'D
1	A 166141	COVER ASSEMBLY - timing gears (Replaces A58609)	1
2	A 58611	SLEEVE - cover locating	2
3	A 157044	SEAL - oil, crankshaft, front (Replaces A62049)	1
4	A 58612	GASKET - cover	1
5	A 21140	PLUG - timing window	1
6	A 58613	GASKET - timing window plug	1
7	13- 616	BOLT - hex, 3/8 NC x 1 inch (Boss No. 1, 2, 11 and 13)	4
8	13- 640	BOLT - hex, 3/8 NC x 2-1/2 inch (Boss No. 3, 6 and 8)	3
9	13- 652	BOLT - hex, 3/8 NC x 3-1/4 inch (Boss No. 4 and 5)	2
9	13- 656	BOLT - hex, 3/8 NC x 3-1/2 inch (Boss No. 4 and 5)(If equipped)	2
10	92- 6	WASHER - lock, 3/8 inch	9
11	A 19774	SPACER - alternator pry point, 3/8 inch pipe x 1 inch (If equipped)	1
15	A 61053	COVER - fuel pump gears	1
16	A 58615	GASKET - fuel pump gear cover	1
17	13- 656	BOLT - hex, 3/8 NC x 3-1/2 inch	2
18	A 151921	BOLT - hex, 3/8 NC x 1-1/4 inch (Head drilled for anti-tamper wire)(Pad No. 2 and 3)	2
19	92- 6	WASHER - lock, 3/8 inch	4
20	13- 514	BOLT - hex, 5/16 NC x 7/8 inch (Pad No. 1)	1
21	92- 5	WASHER - lock, 5/16 inch	1
22	L 114531	BRACKET - alternator mounting (Replaces A160391)	1
23	13- 616	BOLT - hex, 3/8 NC x 1 inch	2
24	L 105055	WASHER - flat, special	4

AIR CLEANER AND MOUNTING

REF.	PART NO.	DESCRIPTION	REQ'D.
	L 116506	AIR CLEANER ASSEMBLY - dry type, replaces L 79863 air cleaner	1
1	A 43734	ELEMENT - filter, outer	1
2	129- 549	NUT - wing	1-3
3	A 43735	ELEMENT - filter, inner	1
4	D 76943	STUD - special	1
5	N 9860	BODY - air cleaner	1
6	L 35985	COVER - air cleaner	1
7	*L 116466	GASKET - air cleaner	1
8	*L 116465	WASHER - special, air cleaner, if used	1
8A	*L 116467	GASKET - air cleaner, if used	1
	A 43616	PRECLEANER - air	1
9	A 42281	COVER - precleaner	1
10	A 42283	BOWL - precleaner	1
11	NSS	BASE - precleaner	1
12	L 53838	LOCK - tab	1
13	L 53209	ADAPTER - with tapped holes, air cleaner to intake manifold, no longer available, order L108308 adapter	1
13A	L 108308	ADAPTER - air cleaner to intake manifold, use 13-624 mounting bolts	1
14	A 58910	GASKET - adapter to intake manifold	1
15	L 13023	STUD - 3/8" - 16 NC x 1-5/8", use nut and washer on one end only, use with L53209 adapter	4
15A	13- 624	BOLT - hex head, 3/8" - 16 NC x 1-1/2"	4
16	92- 6	WASHER - lock, 3/8"	4
17	25- 106	NUT - hex, 3/8" - 16 NC	4
		Continued on next page	
	*L 36287	KIT - service, used on L 79863 air cleaner only, includes all items with an asterisk	1

FOOT ACCELERATOR AND LINKAGE

REF.	PART NO.	DESCRIPTION	REQ'D.
1	L 104058	PEDAL - accelerator, used with L48024 bracket, item 13	1
1A	L 110297	PEDAL - accelerator, used with L110302 bracket, item 13A	1
2	D 55216	PAD - accelerator pedal	1
3	D 66055	PIN - pedal pivot	1
4	A 27795	SNAP RING - pedal pivot	2
5	L 48002	BRACKET - accelerator pedal mounting	1
6	13- 416	BOLT - hex head, 1/4" - 20 NC x 1"	2
7	92- 4	WASHER - lock, 1/4"	2
8	25- 104	NUT - hex, 1/4" - 20 NC	2
9	L 53578	BRACKET - cable mounting, accelerator	1
10	131- 241	BOLT - hex head, 3/8" - 16 NC x 3"	1
11	25- 146	JAM NUT - hex, 3/8" - 16 NC	1
12	13- 412	BOLT - hex head, 1/4" - 20 NC x 3/4"	2
13	L 48024	BRACKET - spring return, bent	1
13A	L 110302	BRACKET - spring return, flat	1
14	92- 4	WASHER - lock, 1/4"	2
15	25- 104	NUT - hex, 1/4" - 20 NC	2
16	L 48104	SPRING - return, accelerator, used with L104058 pedal, item 1	1
16A	L 79116	SPRING - return, accelerator, used with L110297 pedal, item 1A	1
	L 77572	CABLE ASSEMBLY - fuel shutoff	1
17	NSS	CABLE - fuel shutoff	1
18	L 33717	HANDLE - cable	1
19	129- 141	NUT - hex, 1/4" - 20 NC, plated	1
20	L 32866	NUT - hex, special, 3/8" - 24 NF	1
21	193- 68	WASHER - internal tooth lock, 3/8"	1
22	129- 163	JAM NUT - hex, 3/8" - 24 NF, plated	1
	L 105316	CABLE ASSEMBLY - fuel shutoff, has grooved tube on lower end	1
23	NSS	CABLE - fuel shutoff	1
24	NSS	HANDLE - tee, L33717 knob used for service	1
25	129- 141	NUT - hex, 1/4" - 20 NC, plated	1
26	L 32866	NUT - hex, special, 3/8" - 24 NF	1
27	193- 68	WASHER - internal tooth lock, 3/8"	1
28	129- 163	JAM NUT - hex, 3/8" - 24 NF, plated	1
29	49859	CLAMP - cable, fuel shutoff	1
30	13- 612	BOLT - hex head, 3/8" - 16 NC x 3/4"	1-2
31	92- 6	WASHER - lock, 3/8"	1-2
32	L 50803	BRACKET - fuel shutoff cable, rear, no longer available, order L106479 bracket	1
33	L 106479	BRACKET - fuel shutoff cable	1
34	13- 616	BOLT - hex head, 3/8" - 16 NC x 1"	1
35	49859	CLAMP - cable, fuel shutoff	1
36	92- 6	WASHER - lock, 3/8"	1
37	25- 106	NUT - hex, 3/8" - 16 NC	1

Continued on next page

FUEL TANK AND SENDER

REF.	PART NO.	DESCRIPTION	REQ'D.
	L 74202	FUEL TANK ASSEMBLY - threaded filler tube, order L60675, tank and items 16, 18, 19 and 20	1
	L 60675	FUEL TANK ASSEMBLY - smooth filler tube	1
1	NSS	FUEL TANK - tractor	1
2	13- 416	BOLT - hex head, 1/4" - 20 NC x 1"	5
3	92- 4	WASHER - lock, 1/4"	5
4	L 13176	NUT - special, 1/4" - 20 NC	5
5	L 13193	PLATE - hand hole cover, used with L74202 tank	1
5	L 77441	PLATE - hand hole cover, used with L60675 tank	1
6	L 79876	GASKET - hand hole cover	1
7	163- 23	BOLT - hex head, No. 10 - 32 NF x 3/4", used with L13193 plate	5
7	163- 15	BOLT - hex head, No. 10 - 24 NC x 5/8", used with L77441 plate	5
8	92- 3	WASHER - lock, No. 10, used with L13193 plate	5
8	L 77590	WASHER - special, used with L77441 plate	5
9	L 13194	NUT - special, No. 10 - 32 NF, used with L13193 plate	5
10	131- 67	NUT - special, No. 10 - 24 NC, used with L77441 plate	5
11	L 110129	SENDER - fuel tank	1
12	A 11822	GASKET - fuel sender, if used	1
13	221- 35	PLUG - square socket head, 3/4" NPT	1
14	221- 24	PLUG - square socket head, 1/2" NPT	1-2
15	L 53397	PIPE - filler extension, used with L74202 fuel tank, no longer available, order items 16, 19, and 20	1
16	L 77269	PIPE - filler extension, used with L60675 fuel tank	1
17	L 52650	SCREEN - fuel, used with L74202 fuel tank, order L77398	1
18	L 77398	SCREEN - fuel, used with L60675 fuel tank	1
19	214- 267	CLAMP - hose	2
20	L 77270	HOSE - filler	1
21	221- 733	COUPLING - pipe	1
22	L 74929	CAP - fuel tank	1
23	13- 824	BOLT - hex head, 1/2" - 13 NC x 1-1/2"	4
24	R 24323	WASHER - hardened	8
25	25- 108	NUT - hex, 1/2" - 13 NC	4

**INJECTION PUMP DRIVE
336BD AND 336BDT DIESEL ENGINE**

REF.	PART NO.	DESCRIPTION	REQ'D
1	REF	PUMP ASSEMBLY - fuel injection (See Page 91)	1
2	A 59077	STUD - pump mounting, 1-15/16 inch	3
2	A 142092	STUD - pump mounting, 1-7/8 inch (Drilled for anti-tamper wire)	1
3	A 57470	WASHER - flat, mounting	4
4	193- 30	WASHER - internal lock, 3/8 inch	4
5	25- 106	NUT - hex, 3/8 inch NC (Used with A58689)	3
5	25- 126	NUT - hex slotted, 3/8 inch NC (Used with A142092 stud)	1
8	A 58693	GEAR - drive, injection pump	1
9	13- 616	BOLT - hex, 3/8 NC x 1 inch	3
10	92- 6	WASHER - lock, 3/8 inch	3
11	A 62542	GEAR ASSEMBLY - idler, with bushing	1
12	A 58690	SHAFT - idler gear	1
13	A 58691	WASHER - thrust, idler gear	1
14	A 58692	PLATE - thrust, idler shaft	1
15	13- 868	BOLT - hex, 1/2 NC x 4-1/4 inch	1

L59901 ALTERNATOR
40 AMP - 24 VOLT
U.S. STANDARD EXTERNAL THREADS

REF.	PART NO.	DESCRIPTION	REQ'D
	A 47484	ALTERNATOR ASSEMBLY - remanufactured	1
	A 47485	RETURN NUMBER - use this part no. to return alternator core for credit ..	1
1	L 59901	ALTERNATOR ASSEMBLY - (J I Case Installed) (Delco- Remy No. 1102348)(Order 1-A167152 alternator, 1-814-8025 bolt, and 1-825-1106 hex nut, See Page 103)	1
2	A 47988	FRAME ASSEMBLY - slip ring end (Replaces A45217)	1
3	A 45218	BEARING - roller	1
4	163- 6	BOLT - hex washer head, No. 10-24 x 1-3/4 inch	4
5	A 45225	TERMINAL KIT - battery	1
6	NSS	STUD - terminal	1
7	NSS	INSULATOR - terminal stud, outer	1
8	NSS	INSULATOR - terminal stud, inner	1
9	NSS	NUT - terminal stud	1
10	A 46890	REGULATOR ASSEMBLY - voltage (Replaces A45372)	1
11	A 45369	LEAD - regulator stud to brush holder screw	1
12	A 45368	NUT - lead to regulator stud	1
	A 45222	BRUSH HOLDER ASSEMBLY - (Includes brushes)	1
14	NSS	HOLDER - brush	1
15	A 47989	SPRING - brush tension (Replaces A43678)	2
16	NSS	BRUSH ASSEMBLY - alternator	2
17	A 45224	SCREW - brush holder, grounded	2
18	A 45223	SCREW - brush holder, insulated	2
19	A 45367	WASHER - insulated screw (Spring type)	2
24	A 48339	DIODE - trio	1
25	129- 16	NUT - hex, No. 8-32	3
26	A 45394	RECTIFIER ASSEMBLY - bridge	1
27	A 45221	SCREW - rectifier bridge	1
28	A 45017	CAPACITOR ASSEMBLY - rectifier (with mounting bracket)	1
29	A 45228	SCREW - capacitor bracket and lead	2
30	A 45537	BOOT - voltage adjustment stud	1
34	A 47050	ROTOR ASSEMBLY - alternator (Includes slip rings)	1
35	A 45233	STATOR ASSEMBLY - alternator	1
36	A 45229	FRAME - drive end	1
37	A 45230	BEARING - ball, drive end	1
38	A 44433	PLATE - bearing retainer	1
39	173- 210	SCREW - round head, No. 10-24 x 3/8 inch	3
40	A 45367	WASHER - flat, 3/16 x 7/16 x 1/16 inch (5 x 11 x 2 mm)	3
41	A 45232	WASHER - grease slinger, bearing	1
42	A 44522	COLLAR - rotor shaft, inside, 15/16 inch OD (24 mm)	1
43	A 72047	COLLAR - rotor shaft, outer, 7/8 inch OD (22 mm)	1
44	A 25546	NUT - pulley and fan retaining	1
45	R 16171	WASHER - lock	1

A48267 ALTERNATOR
65 AMP - 24 VOLT
U.S. STANDARD EXTERNAL THREADS

REF.	PART NO.	DESCRIPTION	REQ'D
1	A 48267	ALTERNATOR ASSEMBLY - Delco-Remy No. 1100221 (Without pulley)(Order A49652 Page 107)	1
2	A 45555	FRAME - slip ring end	1
3	A 45559	BUSHING - mounting hinge	1
4	138- 2012	PIN - locating, slip ring frame	1
5	A 43693	SEAL - oil, slip ring frame	1
6	A 43679	BEARING - needle, slip ring end	1
7	A 43697	PLUG - grease, bearing cover	1
8	A 45541	CONNECTOR - voltage adjustment	1
9	A 45540	CAP - voltage adjusting connector	1
10	A 45379	BRACKET - connector retaining	1
11	169- 78	SCREW - fillister head, No. 10-32 x 9/16 inch	1
15	A 46890	REGULATOR - voltage	1
16	A 45537	INSULATOR - voltage regulator	1
17	A 45222	HOLDER ASSEMBLY - with brushes	1
18	A 43678	SPRING - brush tension	2
19	A 45223	SCREW - brush holder (Insulator)	2
20	A 45224	SCREW - brush holder (Grounded)	1
24	A 45557	RECTIFIER ASSEMBLY - bridge	1
25	A 45543	CONNECTOR - battery terminal to rectifier bridge	1
26	A 45368	NUT - regulator stud	1
27	A 45221	SCREW - rectifier bridge	2
28	A 45369	LEAD - terminal, stud to rectifier	1
29	A 45552	CONNECTOR - relay terminal to rectifier	1
30	A 47846	DIODE - trio (Replaces A45546)	1
31	129- 6	NUT - hex, No. 8-32	2
32	A 45017	CAPACITOR ASSEMBLY - with bracket	1
33	A 45225	SCREW - capacitor and lead	3
34	A 45562	CAP - relay terminal cover (Rubber)	1
35	A 45549	PACKAGE - terminal battery	1
38	A 45544	STATOR ASSEMBLY - alternator	1
39	A 47932	ROTOR ASSEMBLY - alternator (Replaces A45556)	1
42	A 45553	FRAME - drive end	1
43	A 25986	RETAINER - bearing	1
44	A 42135	WASHER - bearing retainer (Felt)	1
45	A 45563	COLLAR - inside	1
46	A 43680	BEARING - drive end	1
47	A 25988	PLATE - bearing	1
48	A 25987	GASKET - bearing plate	1
49	163- 18	SCREW - bearing retainer to drive end frame	3
50	A 45542	BOLT - through	4
51	A 43685	COLLAR - outside	1
52	A 45560	SHIELD - dust	1
54	A 40792	WASHER - fan and pulley	1
55	A 25995	NUT - fan and pulley retaining	1
56	A 45561	FAN - ventilating	1

L79906 STARTER

REF.	PART NO.	DESCRIPTION	REQ'D
	L 79906	STARTER ASSEMBLY - (Continued from Page 117)	1
40	R 21579	HOUSING ASSEMBLY - shift lever	1
41	R 15023	WICK - oil	1
42	221- 1041	PLUG - slotted head, 1/8 inch PT	1
43	A 47261	BUSHING - lever housing	1
44	R 21582	SEAL - oil	1
45	R 15145	WASHER - brake,	1
46	A 40892	WASHER - thrust, drive end	1
47	R 21587	PLUG - housing	1
48	A 41924	GASKET - plug	1
49	114- 1	BOLT - hex, 1/4 NF x 1 inch	5
50	192- 19	WASHER - lock, 1/4 inch	5
51	A 47523	DRIVE ASSEMBLY - starter pinion	1
52	R 21562	GASKET - drive housing to drive end	1
55	A 44340	HOUSING ASSEMBLY - drive end	1
56	A 47257	BUSHING - drive end	1
57	R 15023	WICK - oil	1
58	221- 1041	PLUG - slotted head, 1/8 inch PT	1
59	D 32488	SCREW - housing	5
60	D 32489	SCREW - housing	1
62	D 32547	LEVER - shift control	1
63	A 42199	SHAFT - pivot, shift lever	1
64	A 47258	O-RING - shaft	1
65	A 47259	O-RING - shaft	1
66	G 46146	RING - snap, shaft retaining	1
67	A 42309	PLUNGER - solenoid	1
68	A 42308	BOOT - plunger (rubber)	1
69	A 41242	SPRING - plunger return	1
70	A 41922	WASHER - spring seat	1
71	A 43380	RETAINER- inner, plunger spring	1
72	A 43419	RETAINER- outer, plunger spring	1
73	G 46146	RING - snap, retainer to plunger	1
74	131- 31	NUT - hex, 5/16 inch NF	1
75	REF	SOLENOID ASSEMBLY - starter (See Page 129)	1
76	R 15159	SCREW - hex, solenoid to body	4

STARTER SOLENOID ASSEMBLY

REF.	PART NO.	DESCRIPTION	REQ'D
1	A 42376	SOLENOID ASSEMBLY - starter, Delco No. 1119848	1
2	NSS	CASE - solenoid	1
3	A 42407	CLIP - terminal	1
4	D 32502	SCREW - terminal clip	1
5	D 32500	NUT - plate to case studs (with Shakeproof washer)	4
6	A 42408	WIRE - ground	1
7	A 47693	DISC ASSEMBLY - contact (Order D32498)	1
8	A 42411	SPRING - contact disc return	1
	A 42412	PLATE ASSEMBLY - terminal	1
10	A 42410	PLATE - terminals and case cover	1
11	A 42260	GASKET - plate to case	1
12	D 32507	INSULATOR - plate	1
13	A 42413	STUD - battery terminal, 1-5/8 inch	1
14	D 32506	STUD - starter terminal, 1-7/8 inch	1
15	D 29910	TERMINAL - coil lead (Replaces A42406)	1
16	175- 56	SCREW - truss head, No. 6-32 x 3/16 inch	1
17	D 32510	BUSHING - terminal plate insulators	2
18	A 43701	BUSHING - terminal studs insulators (Replaces A42409)	2
19	D 30004	WASHER - terminal studs	2
20	129- 145	NUT - hex jam, 1/2 inch NC	2
21	192- 113	WASHER - lock, 1/2 inch	4
22	129- 105	NUT - hex, 1/2 inch NC	2
25	A 47899	SOLENOID ASSEMBLY - starter, Delco No. 1115559, serviced as complete assembly only	1

**ELECTRICAL SYSTEM
FRONT HARNESS TO INSTRUMENT PANELS
USED BEFORE PIN 9154965**

REF.	PART NO.	DESCRIPTION	REQ'D.
18	A 18457	WIRE - alarm to ground, used with L15056 alarm, not shown	1
19	A 31060	WIRE - alarm to switch, used with L15056 alarm	1
19	L 49793	WIRE - alarm to switch, used with L104033	1
20	S 213102	SWITCH - air pressure, interchangeable with L48480 switch, when replacing original production switch, also order item 21	1
21	221- 1084	REDUCER - 1/4" x 1/8" NPT	1
22	L 57937	SWITCH - air parking brake	1
23	L 58497	RESISTOR - 40 ohm, used with L59407 harness	1
24	L 73576	RESISTOR - 40 ohm, used with L77451 harness and after	1
25	L 59682	TERMINAL - resistor to wire harness, used with L59407 harness	1
26	L 59970	CIRCUIT BREAKER - 5 amp	2
27	L 53783	GROMMET - split	1
28	A 14734	WIRE - to instrument panel lamp	1
29	A 8210	CONNECTOR - three way	1
30	182- 82	SCREW - pan head, No. 8 - 32 NC x 1/4"	4
31	192- 6	WASHER - lock, No. 8	4
32	129- 6	NUT - hex, No. 8 - 32 NC	4
33	223- 125	SHRINK TUBING - resistor	4
34	L 58497	RESISTOR - 40 ohm	1
35	H 371849	LAMP - filter warning	1

**ELECTRICAL SYSTEM
 REAR HARNESS TO SWITCHES AND SOLENOIDS
 USED ON TRACTORS WITH PLASTIC RELAYS AND CIRCUIT BREAKERS
 AND BEFORE PIN 9154965**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	L 78403	BRACKET - harness, PIN 9125771 and after	1
2	L 56217	SENDER - torque converter oil temperature	1
3	92- 3	WASHER - lock, No. 10	3
4	195- 12	WASHER - flat, No. 10	3
5	129- 27	NUT - hex, No. 10 - 24 NC	3
6	L 109945	SENDER - air pressure	1
7	L 56217	SENDER - water temperature, used on tractor without backhoe	1
8	L 100108	CLAMP - harness	1
9	L 114533	HARNESS - rear	1
10	R 14668	CLAMP - wire	1
11	13- 58	BOLT - hex head, 5/16" - 18 NC x 1/2"	1
12	92- 5	WASHER - lock, 5/16"	1
13	REF	SWITCH - neutral start, see page 141	1
14	REF	SWITCH - backup alarm, see pages 235 and 237	1
15	L 115657	PLATE - relay mounting	1
16	13- 624	BOLT - hex head, 3/8" - 16 NC x 1-1/2"	2
17	L 78175	SPACER - bolt	2
18	92- 6	WASHER - lock, 3/8"	2
19	25- 106	NUT - hex, 3/8" - 16 NC	2
20	13- 512	BOLT - hex head, 5/16" - 18 NC x 3/4"	2
21	49885	CLAMP - harness	1
22	193- 45	WASHER - external-internal tooth lock, 5/16"	1
23	92- 5	WASHER - lock, 5/16"	2
24	25- 105	NUT - hex, 5/16" - 18 NC	2
25	L 114539	RELAY - cab	1
26	13- 412	BOLT - hex head, 1/4" - 20 NC x 3/4"	3
27	193- 44	WASHER - external-internal tooth lock, 1/4"	3
28	25- 104	NUT - hex, 1/4" - 20 NC	3
29	L 115883	RELAY - starter	1
30	L 114058	WIRE - jumper	1
31	L 114132	CABLE - starter to relay	1
32	49858	CLAMP - cable	1
33	182- 126	SCREW - pan head slotted, No. 10 - 24 NC x 5/8"	1
34	193- 42	WASHER - external-internal tooth lock, No. 10	4
35	L 114028	BAR - connector	1
36	129- 17	NUT - hex, No. 10 - 24 NC	1
37	L 114199	CIRCUIT BREAKER - 30 amp	2
38	182- 127	SCREW - pan head slotted, No. 10 - 24 NC x 3/4"	4
39	193- 42	WASHER - external-internal tooth lock, No. 10	6
40	129- 17	NUT - hex, No. 10 - 24 NC	4
41	L 114316	SOCKET - relay, used with L36275 kit, see page 145	1

**ELECTRICAL SYSTEM
FRONT HARNESS TO FLOOD LAMPS
USED ON PIN 9154965 AND AFTER**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	L 114599	HARNESS - front	1
2	49858	CLAMP - harness	1
3	192- 21	WASHER - lock, 3/8", plated	1
4	113- 206	BOLT - hex head, 3/8" - 16 NC x 3/4", plated	1
5	L 53783	GROMMET - front harness	1
6	49838	CLAMP - wire	1
7	49845	CLAMP - wire	1
8	L 18337	TIE STRAP - harness	4
9	129- 105	NUT - hex, 1/2" - 13 NC, plated	2
10	92- 8	WASHER - lock, 1/2"	2
11	193- 87	WASHER - internal-external tooth lock, 1/2", plated	2
12	L 113373	LAMP ASSEMBLY - flood, parts list page 195	2
13	L 115777	BRACKET - lamp mounting, right-hand	1
14	L 115778	BRACKET - lamp mounting, left-hand	1
15	113- 209	BOLT - hex head, 3/8" - 16 NC x 1-1/2", plated	6
16	193- 72	WASHER - internal-external tooth lock, 3/8", plated	12
17	195- 104	WASHER - flat, 3/8", plated	6
18	192- 21	WASHER - lock, 3/8", plated	6
19	129- 103	NUT - hex, 3/8" - 16 NC, plated	6
20	49859	CLAMP - wire	2
21	113- 208	BOLT - hex head, 3/8" - 16 NC x 1-1/4", plated	2
22	92- 8	WASHER - lock, 1/2"	2
23	129- 103	NUT - hex, 3/8" - 16 NC, plated	2
24	49832	CLAMP - wire	1
25	L 115836	HARNESS - loader valve	1
26	L 109945	SENDER - air pressure	1
27	129- 37	NUT - hex, No. 10 - 32 NF, plated	1
28	192- 18	WASHER - flat, 3/16", plated	1
29	193- 70	WASHER - internal-external tooth lock, No. 10, plated	1
30	221- 1054	REDUCER - 1/2" x 1/8" NPT	1
31	193- 70	WASHER - internal-external tooth lock, No. 10, plated	2
32	192- 18	WASHER - flat, 3/16", plated	2
33	113- 103	BOLT - hex head, 5/16" - 18 NC x 1", plated	1
34	129- 102	NUT - hex, 5/16" - 18 NC, plated	1
35	192- 20	WASHER - lock, 5/16", plated	1
36	193- 71	WASHER - internal-external tooth lock, 5/16", plated	2
37	L 113374	LAMP ASSEMBLY - front driving, parts list page 195	2
38	129- 105	NUT - hex, 1/2" - 13 NC, plated	2
39	92- 8	WASHER - lock, 1/2"	2
40	193- 87	WASHER - internal-external tooth lock, 1/2", plated	2

**ELECTRICAL SYSTEM
REAR LAMPS
USED ON PIN 9154965 AND AFTER**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	L 114106	HARNES - rear lamps	1
2	49832	CLAMP - harness	1
3	49845	CLAMP - harness	2
4	223- 173	CONNECTOR - wire	2
5	25- 108	NUT - hex, 1/2" - 13 NC	2
6	92- 8	WASHER - lock, 1/2"	2
7	193- 87	WASHER - external-internal tooth lock, 1/2"	2
8	L 113373	LAMP - flood, parts list page 195	2
9	L 114617	LAMP - stop and tail, parts list page 197	2
10	L 18337	TIE STRAP - harness, if used, not shown	UAR

**ELECTRICAL SYSTEM
OPERATORS COMPARTMENT
USED ON PIN 9154965 AND AFTER**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	L 115622	HARNESS - lower, cab	1
2	A 42622	SWITCH - blower	1
3	L 111292	SWITCH - wiper	1
4	A 42561	NUT - switches	3-6
5	L 74694	KNOB - switches	2-6
6	L 114358	WIRE - jumper	2-6
7	L 59972	CIRCUIT BREAKER - 15 amp	1
8	L 76726	CIRCUIT BREAKER - 3 amp	1
9	L 111337	PANEL - accessory	1
10	187- 1921	SCREW - Phillips, No. 10 - 16 NC x 3/4"	6
11	113- 206	BOLT - hex head, 3/8" - 16 NC x 3/4", plated	1
12	192- 21	WASHER - lock, 3/8", plated	1
13	129- 103	NUT - hex, 3/8" - 16 NC, plated	1
14	223- 154	CONNECTOR - male	2
15	L 70872	SWITCH - beacon and defroster	1-2
16	F 43510	CIRCUIT BREAKER - 10 amp	1
17	F 43509	CIRCUIT BREAKER - 6 amp	1
18	L 73646	SWITCH - air conditioning	1
19	L 104585	CABLE ASSEMBLY - heater control	1
20	A 42624	WIRE - blower to switch	1
21	L 100659	CLIP - wire	1
22	REF	BLOWER - cab, see page 233 for correct assembly and components	1
23	22- 48	SCREW - self-tapping, 1/4" - 20 NC x 1/2"	8
24	L 114298	HARNESS - cab	1
25	L 18337	TIE STRAP - harness	2

Continued on next page

D71479 AUXILIARY STEERING MOTOR

REF.	PART NO.	DESCRIPTION	REQ'D.
	D 71479	MOTOR - steering pump, Prestolite MBD-4311A	1
1	A 45406	PLATE - end, drive end	1
2	NSS	BOLT - end plate mounting	8
3	A 45399	BEARING - ball, end plate	1
4	A 45403	FAN - cooling	1
5	126- 11	WOODRUFF KEY - fan to armature	1
6	A 45396	ARMATURE - motor	1
7	A 45398	BEARING - ball, end plate	1
	A 45407	RETAINER AND THRUST WASHER KIT	1
8	NSS	WASHER -.015" (.38 mm) thick	UAR
9	NSS	WASHER -.032" (.81 mm) thick	UAR
10	NSS	RING - retaining	1
11	NSS	SCREW - brush retaining	2
12	NSS	WASHER - external tooth lock	2
13	A 45400	BRUSH SET - includes 8 brushes	1
	A 47850	TERMINAL KIT - motor	1
14	NSS	STUD - motor	2
15	NSS	WASHER - plain, inner	1
16	NSS	WASHER - insulation, inner	2
17	NSS	BUSHING - terminal	2
18	NSS	WASHER - insulation, outer	2
19	NSS	WASHER - plain, outer	2
20	NSS	WASHER - lock	4
21	NSS	NUT - hex	4
22	NSS	TERMINAL - brushes	1
23	A 45401	HOUSING AND FIELD WINDING ASSEMBLY - motor	1
24	NSS	SCREW - band retaining	1
25	NSS	NUT - band	1
26	A 45397	BAND - cover	1
	A 45404	PLATE - end, commutator end	1
27	NSS	BOLT - brush plate mounting	4
28	NSS	WASHER - lock	4
29	A 45405	PLATE - brush	1
30	A 40423	SPRING SET - brushes, quantity 8	1
31	NSS	PLATE - end, commutator	1
32	NSS	BOLT - commutator end plate mounting	4
33	41- 23	PLUG - expansion, bearing	1
34	D 71481	STRAP - solenoid ground	1
35	173- 293	SCREW - solenoid mounting	2
36	193- 26	WASHER - lock	2
37	L 115871	SOLENOID - motor	1
38	NSS	NUT - hex	4
39	NSS	WASHER - lock	4
40	NSS	WASHER - flat	2
41	NSS	WASHER - flat	2
42	NSS	WASHER - lock	4
43	NSS	NUT - hex	4

TURN SIGNAL AND FLASHER LAMP USED BEFORE PIN 9154965

REF.	PART NO.	DESCRIPTION	REQ'D.
1	L 108118	LAMP - flasher, double face, replaces L43738 lamp	2
	L 32214	LENS KIT - lamp, flasher	2
2	NSS	LENS - lamp, flasher	1
3	NSS	GASKET - lens	1
4	173- 279	SCREW - No. 6 - 32 NC x 5/8"	3
5	L 32257	BULB - 24V, No. 307	1
6	NSS	BODY - flasher, double face	1
7	129- 125	NUT - hex, 1/2" - 20 NF, plated	1
8	192- 23	WASHER - lock, 1/2", plated, replace with item 11	1
9	L 32256	WASHER - rubber	1
10	195- 106	WASHER - flat, 1/2", plated	1
11	193- 48	WASHER - external-internal tooth lock, 1/2"	2
	L 106071	SWITCH - turn and flasher, 2 wires to harness, interchangeable with L73667 switch	1
12	NSS	SWITCH - turn signal	1
13	A 14928	BULB - direction indicator, No. 356	1
14	L 32658	STRAP - mounting, turn signal switch	1
	L 32659	HARDWARE PACKAGE - mounting, turn signal	1
15	169- 148	SCREW - flat head machine, No. 8 - 32 NC x 1"	2
16	NSS	CLIP - strap mounting	2
17	L 59781	FLASHER - signal	1
18	214- 258	CLAMP - wire, if used	2
19	L 52361	WIRE - ground	1
20	L 100659	CLIP - stick on, canopy models	UAR
21	L 76549	HARNES - canopy	1
22	REF	HARNES - cab, see page 175	1
23		RESERVED	
24	F 43508	SPADE - electrical connector	1
25	L 77093	HOSE - guard	1
26	175- 473	SCREW - slotted, 1/4" - 20 NC x 3/4", if used	2
26	182- 561	SCREW - pan head, No. 10 - 24 NC x 3/4", if used	2
27	92- 4	WASHER - lock, 1/4", if used	2
27	92- 3	WASHER - lock, No. 10, if used	2
28	25- 104	NUT - hex, 1/4" - 20 NC, if used	2
28	129- 7	NUT - hex, No. 10 - 24 NC, if used	2
29	95- 3	WASHER - flat, No. 10, if used	2
30	L 76747	TIE STRAP - wire to steering column	2

ROTATING BEACON

REF.	PART NO.	DESCRIPTION	REQ'D.
	L 16676	ROTATING BEACON ASSEMBLY - 360 degree, 24 volt, red lens	1
	L 16100	ROTATING BEACON ASSEMBLY - 360 degree, 24 volt, amber lens	1
1	L 32219	RING - clamp, lens to body	1
2	168- 70	SCREW - self-tapping, No. 8 - 32 NC x 3/8"	3
3	L 32230	LENS - beacon, red	1
3	L 32221	LENS - beacon, amber	1
4	L 32220	GASKET - lens to body	1
5	131- 46	NUT - hex, self locking, 1/4" - 20 NC	1
6	95- 4	WASHER - flat, 1/4"	1
7	L 32222	BRACKET - retainer, sealed beam	1
8	L 32223	BULB - sealed beam, 24 volt	2
9	129- 303	NUT - hex, 3/8" - 24 NF, left-hand thread	1
10	L 32224	PLATE - mounting, lamp	1
11	L 32225	NUT - special, brass	2
12	131- 29	NUT - hex, self-locking, No. 8 - 32 NC	4
13	L 32226	BASE - motor and lens	1
14	NSS	SPACER - motor to base	4
15	129- 3	NUT - hex, No. 4 - 40 NC	2
16	192- 3	WASHER - lock, No. 4	1
17	L 32229	MOTOR - electric, 24 volt	1
18	L 32227	GASKET - base	1
19	L 35144	WIRE - ground, bulbs	1
	L 35092	KIT - mounting, includes a wire not used on this tractor	1
20	T 29401	NUT - wire, twist on, small white	1
21	L 35148	BOLT - toggle, No. 10 - 24 NC, not used with L104480 cage	3
22	F 13115	GROMMET - rubber, mounting, not used with L104480 cage	3
23	L 35146	WASHER - lock, No. 10, not used with L104480 cage	3
24	129- 47	NUT - square, No. 10 - 24 NC, not used with L104480 cage	3
25	131- 67	NUT - hex, No. 10 - 24 NC, not used with L104480 cage	3
26	A 43211	GROMMET - rubber, wire	1
27	L 16101	MOUNT - beacon	1

NOTE: For another rotating beacon see page 211

**CAB REAR WIPERS AND DEFROSTER
USED BEFORE PIN 9154965**

REF.	PART NO.	DESCRIPTION	REQ'D.
REAR WIPER - OPTIONAL			
1	F 93633	MOTOR - wiper, rear, no longer used, order items 2 and 11	2
2	L 115054	MOTOR - wiper, rear	2
3	182- 516	SCREW - pan head, No. 10 - 24 NC x 1/2"	2
4	193- 70	WASHER - lock, No. 10	4
5	129- 17	NUT - hex, No. 10 - 24 NC	2
6	F 43517	BLADE - wiper, 12" (533 mm) long	2
7	F 43516	ARM - wiper, 6" - 10" (152 - 254 mm) long, adjustable	2
8	F 43518	WIRE - jumper, if used	1
9	L 77036	WIRE - cab to circuit breaker	1
10	L 76821	WIRE - jumper, used with stud type connector, used with F93633 motor	2
11	L 109884	WIRE - jumper, used with spade type connector, used with L115054 motor, not shown	2
12	L 76726	CIRCUIT BREAKER - 3 amp	2
13	L 76818	BRACKET - circuit breaker	1
14	187- 1054	SCREW - hex slotted, No. 10 - 24 NC x 1/2", plated	2
15	195- 12	WASHER - flat, No. 10, plated	2
DEFROSTER MOUNTING			
16	F 43618	DEFROSTER - cab	1
17	F 43619	SEAL - defroster	1
18	182- 132	SCREW - No. 10 - 24 NC x 1-1/2"	4
19	131- 67	NUT - hex, self-locking, No. 10 - 24 NC	4

**CAB FRONT WIPERS
 USED BEFORE PIN 9154965
 FRONT WIPER - INCLUDED IN CAB SN 52650 AND AFTER**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	F 96877	MOTOR - front wiper	1
2	N 8359	BRACKET - wiper	1
3	N 8362	SCREW AND WASHER - special	3
4	N 8361	WASHER - wave	1
5	N 8360	ARM - drive	1
6	825- 1408	NUT - hex, 8 mm x 1.25	1
7	N 8357	PIVOT - wiper	1
8	N 8356	SCREW - special	4
9	N 8358	LINK - wiper	1
10	N 8354	KIT - adapter, pantograph	1
11	N 8355	KIT - mounting	1
12	N 8353	ARM - wiper	1
13	N 8352	BLADE - wiper	1
14	N 8636	SPACER - pantograph	1
15	114- 1	BOLT - hex head, 1/4" - 28 NF x 1"	1
L	36262	KIT - front wiper motor, optional, includes all of the above items as N8351 wiper motor, additional kit parts are identified on page 175	1

COLD START SYSTEM
SEE ITEMS 1 AND 4 FOR IDENTIFICATION

REF.	PART NO.	DESCRIPTION	REQ'D.
	* L 53196	KIT - cold starting aid	1
1	D 55767	CONTAINER - ether	1
2	D 55949	BRACKET - clamp mounting	1
3	214- 262	CLAMP - tank retaining	1
4	* S 96079	VALVE ASSEMBLY - actuator	1
5	222- 650	SLEEVE - flex tube	1
6	222- 660	NUT - flex tube	1
	L 35283	SEAL KIT - overhaul repair	1
	NSS	O-RING - cylinder to valve, 13/16" (21 mm) ID	1
	NSS	O-RING - armature, 9/32" (7 mm) ID	1
	NSS	O-RING - retainer fitting, 3/4" (19 mm) ID	1
	NSS	WASHER - bumper, retainer fitting	1
7	222- 660	NUT - flex tube	1
8	222- 650	SLEEVE - flex tube	1
9	L 35281	TUBE - nylon, 1/8" (3 mm) OD x 60" (1524 mm) long, cut to length	1
10	D 55946	NOZZLE - manifold	1
11	13- 412	BOLT - hex head, 1/4" - 20 NC x 3/4"	4
12	92- 4	WASHER - lock, 1/4"	4
13	25- 104	NUT - hex, 1/4" - 20 NC	4
14	L 10051	CONNECTOR - male bullet	1
15	L 78495	INSULATOR - connector	1
16	49853	CLAMP - wiring	2
17	13- 612	BOLT - hex head, 3/8" - 16 NC x 3/4"	2
18	92- 6	WASHER - lock, 3/8"	2
19	25- 106	NUT - hex, 3/8" - 16 NC	2
20	REF	HARNESS - rear, see page 145	1
21	REF	HARNESS - front, see page 137	1
22	L 72776	SWITCH - push button, cold start	1
23	A 18112	WIRE - jumper, push button switch	2
24	REF	SWITCH - ignition, includes wire and 3-way connector, see page 131	1
25	A 8210	CONNECTOR - 3-way	1
26	L 58674	WIRE - jumper	1

*NOTE: See page 241 for other cold start system.

L79641 STEERING CONTROL VALVE AND COLUMN

REF.	PART NO.	DESCRIPTION	REQ'D.
	* L 79641	VALVE AND COLUMN - Char-Lynn No. 214-1069-001	1
	D 83214	VALVE ASSEMBLY - steering - Char-Lynn No. 211-1039-001	1
1	166- 537	SCREW - Ferry head, 5/16" - 24 NF x 3-1/2"	7
2	D 82809	CAP - end	1
3	D 83217	SPACER - drive shaft	1
4	D 83216	GEROTOR SET - valve	1
5	L 30878	DRIVE SHAFT - valve	1
6	S 113037	PLATE - spacer	1
	D 83215	CONTROL ASSEMBLY - valve	1
7	NSS	HOUSING - control assembly	1
8	NSS	SLEEVE - control assembly	1
9	L 30888	PIN - sleeve	1
10	NSS	SPOOL - control assembly	1
11	L 30889	SPRING - spool	6
12	D 82804	THRUST WASHER - bearing	2
13	G 13609	BEARING - needle	1
14	S 110170	BUSHING - seal	1
15	S 110169	RETAINING RING - bushing	1
16	D 82805	SET SCREW - special	1
17	D 82806	SPOOL - ball check	1
18	211- 9	BALL - check	1
19	L 35368	RETAINER - check ball	1
	D 82802	KIT - seal	1
20	N 6392	SEAL - cap and plate	3
21	A 14515	SEAL - O-ring	1
22	A 72029	SEAL - quad ring	1
23	A 28211	SEAL - control assembly	1
24	A 30825	SEAL - O-ring	1
25	L 30893	SEAL - O-ring	1
26	D 80621	COLUMN ASSEMBLY - steering	1
27	F 19646	NUT - steering wheel	1

***NOTE:** For identification see name plate on valve for correct model number before ordering parts. See page 245 for other valves.

**AUXILIARY STEERING HYDRAULIC CIRCUITS
FLOW CONTROL VALVE TO EXTERNAL HYDRAULIC FILTER**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	218- 5137	ELBOW - 45 degree	1
2	218- 5007	O-RING - elbow	1
3	L 73647	HOSE - flow control valve to steering valve	1
4	218- 5066	ADAPTER - straight	1
5	218- 5006	O-RING - adapter	1
6	217- 395	STEM FITTING - straight	1
7	218- 5006	O-RING - stem fitting	1
8	REF	CONTROL VALVE - steering, see pages 245 and 249 for correct valve and components	1
9	L 73652	HOSE - 5/8" (16 mm) ID x 10" (254 mm) long	1
10	214- 254	CLAMP - hose	4
11	217- 349	STEM FITTING - 90 degree	1
12	218- 5007	O-RING - stem fitting	1
13	L 106571	TEE - special	1
14	L 113437	SWITCH - flow control	1
15	L 18337	TIE STRAP - switch	2
16	L 106572	TEE - special	1
17	214- 254	CLAMP - hose	4
18	L 107902	HOSE - 5/8" (16 mm) ID x 14" (356 mm) long	1
19	L 76381	HOSE - 5/8" (16 mm) ID x 18" (457 mm) long	1
20	L 53607	HOSE - 5/8" (16 mm) ID x 30" (762 mm) long	1

G101280 STEERING CYLINDER
TUBE OR GLAND IS STAMPED WITH CYLINDER PART NUMBER

REF.	PART NO.	DESCRIPTION	REQ'D.
	G 101280	CYLINDER - steering, 2-1/2" (64 mm) diameter x 14-1/8" (359 mm) stroke . . .	2
1	G 33876	TUBE - cylinder body	2
2	D 46620	BEARING - self-aligning	1
3	D 28436	RING - retaining	2
	G 104915	GLAND ASSEMBLY - cylinder	1
4	NSS	GLAND - cylinder	1
4A	G 102569	PLUG - nylon, thread locking, gland, if used	1
5	*D 95141	WIPER - piston rod, outer	1
6	*D 36968	U-CUP SEAL - piston rod, wide	1
6	G 100775	U-CUP SEAL - piston rod, service option - extreme heat or cold	1
7	*G 109092	SEAL - piston rod, narrow, used in addition to item 6 in some glands	1
8	*A 28318	O-RING - gland	1
9	*G 32129	BACKUP RING - gland O-ring	1
10	187- 1524	SCREW - self-tapping, No. 8 - 32 NC x 3/8", if used	1
11	G 33874	ROD ASSEMBLY - piston, 1-1/4" (32 mm) diameter	1
12	L 12570	BEARING - self-aligning	1
13	L 12571	SNAP RING - bearing retaining	2
14	G 100708	PISTON - one piece	1
15	*G 100714	RING - wear	2
16	*G 100713	RING - piston	1
17	*G 102289	SEAL - piston	1
18	28- 1240	BOLT - hex head, 3/4" - 16 NF x 2-1/2"	1
19	G 32317	WASHER - hardened	1
20	219- 1	GREASE FITTING - 1/8" NPT	1
21	219- 36	GREASE FITTING - 45 degree, 1/8" NPT	1
	*G 105551	KIT - seal, includes all items with an asterisk	1

**TRANSMISSION CONTROL PARTS
CABLE AND CABLE MOUNTING**

REF.	PART NO.	DESCRIPTION	REQ'D.
USED BEFORE PIN 9129100			
20	L 57835	BELLCRANK - transmission control	1
21	L 51603	BRACKET - bellcrank, lower	1
22	13- 520	BOLT - hex head, 5/16" - 18 NC x 1-1/4"	4
23	92- 5	WASHER - lock, 5/16"	4
24	25- 105	NUT - hex, 5/16" - 18 NC	4
25	L 52490	BRACKET - transmission shifting parts	1
26	A 26376	WASHER - special	2
27	A 31191	RETAINING RING - bellcrank	2
28	L 51603	BRACKET - bellcrank, upper	1
USED ON PIN 9129100 AND AFTER			
29	L 48412	BEARING - self-aligning	2
30	T 25683	RING - retaining	1
31	L 77843	BELLCRANK - transmission control	1
32	L 77844	PLATE - pivot	1
33	13- 512	BOLT - hex head, 5/16" - 18 NC x 3/4"	4
34	92- 5	WASHER - lock, 5/16"	4
35	25- 105	NUT - hex, 5/16" - 18 NC	4

TRANSMISSION AND TRANSMISSION MOUNTS

REF.	PART NO.	DESCRIPTION	REQ'D.
1	L 100802	TRANSMISSION ASSEMBLY - complete, parts list pages 291-313, used on PIN 9133321, 9133322, 9133349-9133351 and 9133362, 9133365, 9133374-9133425, 9133427-9151869	1
1	L 55662	TRANSMISSION ASSEMBLY - complete, parts list pages 291-313, used before PIN 9133427 except for the special parts identification numbers listed for L100802 above	1
1	L 109866	TRANSMISSION ASSEMBLY - complete, parts list pages 291-313, used on PIN 9151972 and 9151974	1
1	L 114379	TRANSMISSION ASSEMBLY - complete, parts list pages 291-313, used on PIN 9151870 and after, except PIN 9151972 and 9151974	1
2	13- 1032	BOLT - hex head, 5/8" - 11 NC x 2"	4
2A	13- 1028	BOLT - hex head, 5/8" - 11 NC x 1-3/4"	4
3	92- 10	WASHER - lock, 5/8"	8
1	L 115433	BRACKET ASSEMBLY - right-hand	1
4	NSS	BRACKET - transmission mount	1
4A	A 19066	MOUNT - transmission, rubber	1
1	L 115466	BRACKET ASSEMBLY - left-hand	1
5	NSS	BRACKET - transmission mount	1
6	A 19066	MOUNT - transmission, rubber	1
7	131- 16	NUT - hex, self-locking, 3/4" - 10 NC	2
8	A 19068	WASHER - special, shock mount retaining	2
9	95- 12	WASHER - flat, 3/4"	2
10	13- 1264	BOLT - hex head, 3/4" - 10 NC x 4"	2
11	L 112387	DIPSTICK - transmission oil level	1
12	L 53873	PIPE - transmission filler	1
12A	221- 417	ELBOW - 90 degree, 1-1/4" NPT	1
13	L 14262	U-BOLT AND HARDWARE - transmission filler	1
14	L 72533	BRACKET - clamp to transmission	1
15	13- 722	BOLT - hex head, 7/16" - 14 NC x 1-3/8"	1
16	92- 7	WASHER - lock, 7/16"	1
17	95- 7	WASHER - flat, 7/16"	1
18	13- 620	BOLT - hex head, 3/8" - 16 NC x 1-1/4"	10-12
19	92- 6	WASHER - lock, 3/8"	12
20	L 55049	BRACKET - locking, if used	1
21	D 93753	PADLOCK - includes keys, if used	1
22	D 93751	KEY - for Yale padlock, if used	2
23	R 29555	KEY - for Master padlock, if used	2
24	95- 6	WASHER - flat, 3/8", used with wiring harness clamp	1
25	13- 624	BOLT - hex head, 3/8" - 16 NC x 1-1/2", used on models with vertically mounted transmission oil filter	2

**TRANSMISSION
TURBINE DRIVEN GEARS, FREEWHEEL UNITS, AND REAR COVER**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	A 29183	BALL BEARING - gear and shaft	1
2	L 31163	NUT - hex lock, 3/8" - 24 NF, special	12
3	L 35508	DRIVEN GEAR AND SHAFT ASSEMBLY - second turbine	1
4	D 47573	BALL BEARING - shaft	1
	L 35003	KIT - free wheel clutch	1
5	L 33962	PLATE - retaining	1
6	D 47644	PIN - spring positioning	3
7	D 48863	SPRING - plate	3
8	L 33963	CAGE - freewheel roller	1
9	L 31161	ROLLER - freewheel	15
	N 6397	CAM ASSEMBLY - freewheel	1
10	NSS	CAM - freewheel	1
11	138- 294	PIN - cam	1
12	D 47454	PLATE - bolt retainer	1
13	D 47455	BOLT - special	12
14	D 47456	GEAR - first turbine	1
15	D 48331	SPACER - bearing	1
16	A 29183	BALL BEARING - gear	2
17	D 47458	SPACER - bearing	1
18	N 7021	GASKET - rear cover	1
19	N 9008	SEALING RING - bearing	1
20	N 6374	COVER - rear	1
21	221- 23	PLUG - square socket head, 3/8" NPT	1
22	92- 6	WASHER - lock, 3/8"	19
23	13- 618	BOLT - hex head, 3/8" - 16 NC x 1-1/8"	19

TRANSMISSION CHARGING PUMP

REF.	PART NO.	DESCRIPTION	REQ'D.
1	13- 632	BOLT - hex head, 3/8" - 16 NC x 2"	7
2	13- 648	BOLT - hex head, 3/8" - 16 NC x 3"	2
3	92- 6	WASHER - lock, 3/8"	9
4	L 31081	GASKET - pump to housing	1
5	N 6876	OIL SEAL - pump	1
5A	D 47492	COUPLING - charging pump drive	1
6	L 31078	PUMP - transmission and torque converter charging, used in some early L55662 transmissions, no longer available, order N7770 pump, item 6, and N6876 seal, item 5	1
6	N 7770	PUMP - transmission and torque converter charging, used on L55662 and L100802 transmissions, see page 289 for transmission identification ...	1
6	N 6378	PUMP - transmission and torque converter charging, used on L109866 and L114379 transmissions, see page 289 for transmission identification ...	1
7	NSS	HOUSING - pump	1
8	L 31168	DOWEL PIN - pump housing to cover	1
9	NSS	SHAFT - driven gear	1
10	T 32720	ROLLER BEARING - shaft	2
11	NSS	DRIVEN GEAR - pump	1
12	NSS	DRIVE GEAR - pump	1
13	L 31037	GASKET - pump housing to cover	1
14	D 72787	COVER - pump	1

**AXLE ASSEMBLIES
DRUM BRAKES AXLES**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	L 72033	AXLE ASSEMBLY - rear, PR66-HX 12, parts list pages 321, 323, 329, 343, and 347	1
1	L 73964	AXLE ASSEMBLY - rear, PR66-HX 16, parts list pages 321, 323, 329, 349, and 351	1
1	L 72034	AXLE ASSEMBLY - front, PR66-HX 13, parts list pages 321, 323, 329, 343, and 347	1
1	L 73965	AXLE ASSEMBLY - front, PR66-HX 17, parts list pages 321, 323, 329, 349, and 351	1
1	L 77964	AXLE ASSEMBLY - front, PRS-204H-6, parts list pages 325, 327, 329, 349, and 351	1
1	L 77965	AXLE ASSEMBLY - rear, PRS-204-H-5, parts list pages 325, 327, 329, 349, and 351	1
1	L 103012	AXLE ASSEMBLY - front, PRS-204H-20, parts list pages 325, 327, 329, 349, and 351	1
1	L 103013	AXLE ASSEMBLY - rear, PRS-204H-19, parts list pages 325, 327, 329, 349, and 351	1
1	L 60797	AXLE ASSEMBLY - rear, PRS-204H-27, parts list pages 325, 327, 329, 349, and 351	1
1	L 60798	AXLE ASSEMBLY - front, PRS-204H-28, parts list pages 325, 327, 329, 349, and 351	1
1	L 61203	AXLE ASSEMBLY - rear, PRS-204H-33, parts list pages 325, 327, 329, 349, and 351	1
1	L 61204	AXLE ASSEMBLY - front, PRS-204H-34, parts list pages 325, 327, 329, 349, and 351	1
1	L 113301	AXLE ASSEMBLY - front, PRS-204-H-40, parts list pages 325, 327, 329, 349, and 351	1
2	116- 703	BOLT - hex head, 3/4" - 16 NF x 9-1/2", grade 8, used to mount front axle	8
2A	116- 704	BOLT - hex head, 3/4" - 16 NF x 10", grade 8, used to mount rear axle	8
3	L 79179	WASHER - hardened	32
4	131- 1251	NUT - hex, self-locking, 3/4" - 16 NF, plated	16
5	L 76957	PLATE - axle mounting	4
6	L 101954	GUARD - forestry models, right-hand rear, left-hand front	2
7	L 101955	GUARD - forestry models, left-hand rear, right-hand front	2

NOTE: Find the Rockwell part number on the axle. Then use the correct parts list. Axle components and related parts are shown on pages 319-351.

**FRONT AND REAR AXLE BRAKES
AXLES WITH DRUM BRAKES**

REF.	PART NO.	DESCRIPTION	REQ'D.
	REF	AXLE ASSEMBLY - complete, see page 319	2
1	26- 1024	BOLT - hex head, 5/8" - 11 NC x 1-1/2", grade 8	20
2	L 35225	DRUM - brake	2
	N 6051	BRAKE ASSEMBLY - axle	2
3	D 87200	ROD - push, brake cylinder	2
4	L 35486	SPRING - shoe return	1
5		RESERVED	
6		RESERVED	
	L 35952	PLATE ASSEMBLY - backing, brake	1
7	A 13201	CAM - brake adjusting	2
8	A 13023	SPRING - adjusting cam	2
9	A 12997	BOLT AND WASHER - adjusting cam	2
10	NSS	PLATE - backing	1
11	A 18271	PIN - shoe guide, short	2
11A	A 18272	PIN - shoe guide, long	2
12	A 13127	RETAINER - guide pin	4
13	A 13128	WASHER - spring, guide pin	UAR
14	A 13129	WASHER - plain, guide pin	UAR
15	A 13126	RETAINING RING - anchor pin	2
16	A 13024	PIN - anchor, brake	2
17	L 36067	WASHER - 3/4", special	2
18	129- 179	NUT - hex, 3/4" - 16 NF, stainless steel	2
19	13- 614	BOLT - hex head, 3/8" - 16 NC x 7/8"	2
20	92- 6	WASHER - lock, 3/8"	2
21	L 33875	CYLINDER ASSEMBLY - brake	1
22	A 12924	SCREW - bleeder, brake	1
	A 12985	CYLINDER ASSEMBLY - brake	1
23	NSS	BODY - brake cylinder	1
24	A 13043	SPRING - piston return	1
25	A 13044	PISTON - cylinder	2
	A 12865	KIT - cylinder repair	1
28	A 12926	BOLT - fitting to cylinder, special	1
29	33261	GASKET - bolt to fitting	1
30	A 12925	FITTING - swivel, inlet	1
31	33260	GASKET - swivel fitting to cylinder	1
	*D 72855	SHOE AND LINING - brake, upper and lower	2
32	NSS	SHOE - brake	1
33	NSS	LINING - brake, see note below	1
	*N 7072	KIT - lining, 4 shoes, completes one axle	1

NOTE: Find the Rockwell number on the axle. Then use the correct parts list. Axle components and related parts are shown on pages 319-351.

**REAR DISC BRAKE CALIPERS
AXLES WITH DISC BRAKES
CALIPERS WITH 2 PIECE COVERS - ITEMS 4 AND 5**

REF.	PART NO.	DESCRIPTION	REQ'D.
	L 73912	CALIPER - right-hand, no longer available, order (1) L114099 gasket, (1) L114544 caliper, and (1) S12090 plug	1
	L 73913	CALIPER - left-hand, no longer available, order (1) L114099 gasket, (1) L114544 caliper, and (1) S12090 plug	1
	L 114544	CALIPER - left-hand or right-hand	2
1	NSS	BODY - caliper	1
2	13- 620	BOLT - hex head, 3/8" - 16 NC x 1-1/4"	8
3	92- 6	WASHER - lock, 3/8"	8
4	D 77520	COVER - piston, inlet	1-2
5	D 77521	COVER - piston, used with L73912 and L73913 calipers, L114544 caliper uses (2) D77520 covers, item 4, (1) L114099 gasket, item 17, and (1) S12090 plug, item 16	1
6	D 77523	PISTON - brake	4
7	D 77519	SHOE AND LINING - brake	2
	N 7357	KIT - seal	1
8	NSS	BOOT - piston	4
9	NSS	PACKING - piston	4
10	NSS	PACKING - cover	2
11	D 77517	VALVE - bleeder	2
12	113- 220	BOLT - hex head, 3/8" - 16 NC x 1-1/4"	4
13	D 77524	PIN - brake shoe	4
14	26- 1240	BOLT - hex head, 3/4" - 10 NC x 2-1/2", grade 8	12
15	L 79179	WASHER - hardened	12
16	S 12090	PLUG - cover, if used	2
17	L 114099	WASHER - sealing, plug, if used	2

NOTE: Find the Rockwell number on the axle. Then use the correct parts list. Axle components and related parts are shown on pages 319-351.

DIFFERENTIALS
L73964, L73965, L76803, L76804, L77964, L77965,
L103012, L103013, L79132, L79133, L60795, L60796, L60797,
L60798, L61201, L61202, L61203, L61204, L113301, and L113302 AXLES

REF.	PART NO.	DESCRIPTION	REQ'D.
	D 73685	DIFFERENTIAL ASSEMBLY - L73964 rear axle	1
	D 73686	DIFFERENTIAL ASSEMBLY - L73965 front axle	1
	N 8233	DIFFERENTIAL ASSEMBLY - L76803, L77965, L103013, L79133, L60796, L60797, L61202, and L61203 rear axles	1
	N 8232	DIFFERENTIAL ASSEMBLY - L76804, L77964, L103012, L79132, L60795, L60798, L61201, L61204, L113301, and L113302 front axles	1
1	* L 35091	NUT - yoke to pinion shaft	1
2		RESERVED	
3	A 13124	WASHER - special	1
	D 73687	YOKE ASSEMBLY - drive shaft, front axle	1
	D 73690	YOKE ASSEMBLY - drive shaft, rear axle	1
4	NSS	YOKE - drive shaft	1
5	D 73691	SLINGER - oil, front and rear axle	1
6		RESERVED	
7	13- 720	BOLT - hex head, 7/16" - 14 NC x 1-1/4"	8
8	D 73689	SEAL - oil	1
9	R 10276	CONE - bearing, inner	1
	D 73688	CAGE ASSEMBLY - pinion shaft bearing	1
10	NSS	CAGE - bearing	1
11	R 10277	CUP - bearing, inner	1
12	A 13161	CUP - bearing, tapered roller	1
13	A 13160	CONE - bearing, tapered roller	1
14	D 74357	SPACER - bearing, .153" (3.8862 mm) thick	UAR
14	D 74358	SPACER - bearing, .154" (3.916 mm) thick	UAR
14	D 74359	SPACER - bearing, .155" (3.9370 mm) thick	UAR
14	D 74360	SPACER - bearing, .156" (3.9624 mm) thick	UAR
14	D 74361	SPACER - bearing, .157" (3.9878 mm) thick	UAR
14	D 74362	SPACER - bearing, .158" (4.0132 mm) thick	UAR
14	D 74363	SPACER - bearing, .164" (4.1656 mm) thick	UAR
14	D 74364	SPACER - bearing, .170" (4.3180 mm) thick	UAR
14	D 74365	SPACER - bearing, .176" (4.4704 mm) thick	UAR
14	D 74366	SPACER - bearing, .182" (4.6228 mm) thick	UAR
	REF	GEAR SET - ring and pinion, matched, order A18200 kit	1
15	* NSS	GEAR - ring	1
16	* NSS	GEAR - pinion	1
17	A 18182	BEARING - inner, drive pinion, ball type	1
18	A 18199	SNAP RING - bearing retaining	1
19	L 36104	SHIM - .003" (0.0762 mm)	UAR
19	L 36105	SHIM - .005" (0.1270 mm)	UAR
19	L 36106	SHIM - .010" (0.2540 mm)	UAR
		Continued on next page	
	* A 18200	KIT - gear and pinion, includes items 1, 15, 16, 35, 36, and 37	1

NOTE: Find the Rockwell number on the axle. Then use the correct parts list. Axle components and related parts are shown on pages 319-351.

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BRAKE SYSTEM
AIR COMPRESSOR TO RESERVOIR
MODELS WITH BENDIX MANUFACTURED AIR COOLED AIR COMPRESSOR

REF.	PART NO.	DESCRIPTION	REQ'D.
24	218- 1054	ELBOW - 90 degree	1
25	L 70352	HOSE - 35" (889 mm) long, if used	1
25A	L 78568	HOSE - 38" (965 mm) long, if used	1
26	L 51313	TEE - if used	1
27	L 51311	VALVE - air, if used	1
28	G 45437	VALVE - check, air pressure, parts list page 445	1
29	221- 1414	ELBOW - 90 degree, 1/2" NPT	1
30	L 14823	RESERVOIR - air, brake system	1
31	218- 481	ELBOW - 90 degree, pipe	1
32	L 51322	HOSE - 33-1/4" (845 mm) long	1
33	L 48131	TEE - special	1
34	L 48992	VALVE ASSEMBLY - safety	1
35	L 59871	STRAP - compressor support	1
36	13- 616	BOLT - hex head, 3/8" - 16 NC x 1"	1
37	95- 6	WASHER - flat, 3/8"	1
38	92- 6	WASHER - lock, 3/8"	1
39	25- 106	NUT - hex, 3/8" - 16 NC	1

L17683 AIR COMPRESSOR - AIR COOLED CAST IRON BLOCK

REF.	PART NO.	DESCRIPTION	REQ'D.
	L 17683	AIR COMPRESSOR ASSEMBLY - cast iron block, Bendix No. 284281	1
1	113- 110	BOLT - hex head, 5/16" - 18 NC x 2-1/4"	8
2	L 32917	WASHER - special	8
	L 32899	DISCHARGE VALVE AND HEAD ASSEMBLY - cylinder	1
3	L 32916	CAP - discharge valve	2
4	S 117754	SPRING - valve	2
5	L 32915	VALVE - discharge	2
	NSS	HEAD ASSEMBLY - cylinder	1
6	NSS	HEAD - cylinder	1
7	L 32909	SEAT - discharge valve	2
8	L 32914	STOP - valve	2
9	L 32898	GASKET - head to cylinder block	1
10	L 31442	SPRING - inlet valve	2
11	L 31441	VALVE - inlet	2
12	L 31440	GUIDE - inlet valve	2
	L 32880	BLOCK ASSEMBLY - cylinder	1
13	L 31409	GUIDE - plunger	2
14	L 31408	PLUNGER - unloader	2
	L 31404	PISTON ASSEMBLY - unloader	2
15	NSS	PISTON - unloader	1
16	L 31406	BACKUP RING - unloader piston seal	1
17	L 31407	O-RING - unloader piston	1
18	L 31412	SEAT - spring, unloader	1
19	L 31413	SPRING - unloader	1
20	L 32885	SADDLE - spring, unloader	1
	L 32881	BLOCK - cylinder	1
21	L 33173	SEAT - inlet valve	2
22	L 33174	BUSHING - cylinder block	2
23	NSS	BODY - cylinder block	1

Continued on next page

L109544 AND L79410 AIR COMPRESSORS - AIR COOLED ALUMINUM BLOCK

REF.	PART NO.	DESCRIPTION	REQ'D.
	L 109544	AIR COMPRESSOR ASSEMBLY - continued, aluminum block, Bendix No. 102829	1
	L 79410	AIR COMPRESSOR ASSEMBLY - continued, aluminum block, Bendix No. 289405	1
48	S 117757	THRUST WASHER - crankshaft	1
49	13- 512	BOLT - hex head, 5/16" - 18 NC x 3/4"	4
50	192- 110	WASHER - lock, 5/16"	4
	D 80612	COVER ASSEMBLY - air compressor	1
51	NSS	COVER - rear, crankcase	1
52	L 32824	BUSHING - crankshaft, 1.381" (35.8 mm) ID	1
	D 80613	COVER ASSEMBLY - air compressor	1
51	NSS	COVER - rear, crankcase	1
52	L 32825	BUSHING - crankshaft, 1.371" (34.82 mm) ID	1
	D 80614	COVER ASSEMBLY - air compressor	1
51	NSS	COVER - rear, crankcase	1
52	L 32826	BUSHING - crankshaft, 1.361" (34.57 mm) ID	1
	D 80615	COVER ASSEMBLY - air compressor	1
51	NSS	COVER - rear, crankcase	1
52	L 32827	BUSHING - crankshaft, 1.351" (34.32 mm) ID	1
53		RESERVED	
54		RESERVED	
55	192- 110	WASHER - lock, 5/16"	2
56	L 13524	FITTING - discharge	1
57	L 31456	GASKET - discharge	1
58	13- 516	BOLT - hex head, 5/16" - 18 NC x 1"	2
59	L 32921	FITTING - inlet	1
60	13- 514	BOLT - hex head, 5/16" - 18 NC x 7/8"	2
61	192- 110	WASHER - lock, 5/16"	2
62	L 32920	PLATE - screen	1
63	L 31457	GASKET - screen	2
64	221- 1662	PLUG - hex head, 1/4" NPT	1
65	13- 546	BOLT - hex head, 5/16" - 18 NC x 2-7/8"	2
66	192- 110	WASHER - lock, 5/16"	2
67	REF	GOVERNOR ASSEMBLY - compressor, parts list page 385	1
68	L 13526	GASKET - governor mounting	1

ALCOHOL EVAPORATOR

REF.	PART NO.	DESCRIPTION	REQ'D.
	L 73282	EVAPORATOR ASSEMBLY - alcohol	1
	L 46372	KIT - alcohol evaporator	1
1	L 31457	GASKET - adapter	2
2	L 32930	ADAPTER - compressor	1
	L 33157	VALVE ASSEMBLY - check, at evaporator	1
3	L 33162	NUT - cap	1
4	L 33161	GROMMET - valve	1
5	L 33160	VALVE - check	1
6	L 33159	SPRING - valve	1
7	NSS	HOUSING - valve	1
	L 33145	EVAPORATOR ASSEMBLY - alcohol	1
8	L 33151	PLUG - filter	1
9	41- 102	PLUG - expansion, steel, 1/2" diameter	1
10	L 33146	BODY - alcohol evaporator	1
11	L 33153	GASKET - housing to jar	1
12	L 33156	RING - sealing, evaporator tube	1
13	L 33152	TUBE - evaporator	1
14	L 33154	JAR - alcohol evaporator, plastic	1
15	L 33150	FILTER - air intake	1
16	A 58439	RING - retaining, filter	1
	222- 5002	FITTING - compression, straight	3
17	NSS	BODY - compression fitting	1
18	222- 5047	SLEEVE - compression fitting	1
19	222- 5060	COMPRESSION NUT - fitting	1
20	L 54189	TUBE - 1/4" OD (6 mm) cut to length	2
	222- 5023	FITTING - compression, 90 degree	1
21	222- 5060	COMPRESSION NUT - fitting	1
22	222- 5047	SLEEVE - fitting	1
23	NSS	BODY - fitting assembly	1
24	13- 524	BOLT - hex head, 5/16" - 18 NC x 1-1/2"	2
25	13- 416	BOLT - hex head, 1/4" - 20 NC x 1"	3
26	92- 4	WASHER - lock, 1/4"	3
27	92- 10	WASHER - lock, 5/16"	2
28	25- 104	NUT - hex, 1/4" - 10 NC	3
29	L 18337	TIE STRAP - tube	4
30	L 107160	ELBOW - 90 degree, special, used with water cooled air compressor	1

BRAKE SYSTEM

BRAKE ACTUATOR TO WHEEL CYLINDERS - MODELS WITH DISC BRAKES

REF.	PART NO.	DESCRIPTION	REQ'D.
1	L 76809	BRAKE ACTUATOR - Wagner part No. AE-837-L, not shown, parts list page 415, no longer available, order L111262 brake actuator	2
1A	L 111262	BRAKE ACTUATOR - Wagner part No. AE-105280, not shown, service only, parts list page 431	2
1B	L 77529	BRAKE ACTUATOR - Wagner part No. AF-89551, parts list page 417, order L113007 brake actuator	2
1C	L 103952	BRAKE ACTUATOR - used on PIN 9129338 thru PIN 9141845, Wagner part No. AF-99581, parts list page 419, order L113007 brake actuator	2
1D	L 107985	BRAKE ACTUATOR - used on PIN 9141845 - 9151762, Wagner part No. AF-104381, parts list page 419, order L113007 brake actuator	2
1E	L 112959	BRAKE ACTUATOR - used on PIN 9151763 - 9154753, Wagner part No. AF-105171, parts list page 423, order L113007 brake actuator	2
1F	L 113007	BRAKE ACTUATOR - used on PIN 9154754 and after, Minn. Auto. part No. 02-460-503, parts list page 429	2
2	13- 620	BOLT - hex head, 3/8" - 16 NC x 1-1/4"	2
3	13- 624	BOLT - hex head, 3/8" - 16 NC x 1-1/2"	2
4	95- 6	WASHER - flat, 3/8"	8
5	92- 6	WASHER - lock, 3/8"	4
6	25- 106	NUT - hex, 3/8" - 16 NC	4
7	A 12988	GASKET - fitting, used before PIN 9154754	2
8	L 76300	STEM FITTING - straight, used before PIN 9154754	2
9	217- 119	STEM FITTING - straight	1-3
9A	217- 282	STEM FITTING - 90 degree, not shown	1
10	L 76909	HOSE - 1/4" (6 mm) ID x 6" (152 mm), if used	1
10	L 109425	HOSE - 1/4" (6 mm) ID x 4-1/8" (105 mm), if used	1
11	L 71341	HOSE - 1/4" (6 mm) ID x 15-1/2" (394 mm) L76809 brake actuator	1
11	L 109194	HOSE - 1/4" (6 mm) ID x 21" (533 mm) L77529 brake actuator and after	1
12	214- 274	CLAMP - hose	2-4
13	L 71025	RESERVOIR - brake fluid, parts list page 449, order L114928 reservoir	1-2
13A	L 114928	RESERVOIR - brake fluid, parts list page 451	1
14	217- 294	STEM FITTING - 90 degree, if used	1-2
15	217- 282	STEM FITTING - 45 degree, if used	1
16	13- 616	BOLT - hex head, 3/8" - 16 NC x 1", if used	2
17	13- 620	BOLT - hex head, 3/8" - 16 NC x 1-1/4"	2-4
18	95- 6	WASHER - flat, 3/8"	2-6
19	92- 6	WASHER - lock, 3/8"	2-6
20	25- 106	NUT - hex, 3/8" - 16 NC	2-6
21	L 78812	BRACKET - reservoir, if used	1
22	A 12864	BOLT - special, tube fitting	2
23	33261	GASKET - outer, .600" (15.24 mm) ID	2
24	A 18531	FITTING - brake actuator to tube	2
25	L 114099	GASKET - inner, .540" (13.72 mm) ID	2

Continued on next page

L73042 TREADLE AND BRAKE VALVE

REF.	PART NO.	DESCRIPTION	REQ'D.
	L 73042	TREADLE AND VALVE ASSEMBLY - brake	2
	D 73634	TREADLE ASSEMBLY - brake valve	1
1	D 73635	TREADLE - brake valve	1
2	L 31367	PIN - roller, treadle valve	1
3	L 32676	ROLLER - treadle valve	1
4	132- 26	COTTER PIN - 3/32" x 3/4"	1
5	L 31364	BOOT - treadle, brake, included in L31806 repair kit, see below	1
6	L 32925	PLUNGER - treadle, brake	1
7	L 31362	BUTTON - stop	1
8	L 31465	PIN - fulcrum	1
9	138- 59	ROLL PIN - fulcrum pin, 1/8" x 7/8"	1
10	13- 512	BOLT - hex head, 5/16" - 18 NC x 3/4"	3
11	92- 5	WASHER - lock, 5/16"	3
12	L 32924	PLATE - mounting, brake treadle	1
	L 15782	VALVE ASSEMBLY - brake	1
13	NSS	RETAINER - valve	1
	NSS	PISTON ASSEMBLY - valve	1
14	NSS	BOLT - locking, special	1
15	NSS	WASHER - compression, spring	1
16	NSS	SEAT - spring, piston, flat	1
16	NSS	SEAT - spring, piston, recessed, not shown	1
17	NSS	SPRING - rubber piston, included in L31806 repair kit, see below	1
18	NSS	PISTON - valve	1
18A	NSS	SPRING - piston return	1
19	NSS	FILTER - vent	1
20	NSS	BODY - valve	1
21	D 27833	RING - retaining	1
	L 31806	KIT - repair, valve	1
22	L 31364	BOOT - treadle	1
23	NSS	O-RING - piston	1
24	NSS	SPRING - rubber, piston	1
	NSS	VALVE ASSEMBLY - inlet and exhaust	1
25	NSS	VALVE - inlet and exhaust	1
26	NSS	SPRING - valve	1
27	NSS	RETAINER - valve	1
28	NSS	O-RING - small	1
29	NSS	O-RING - large	1
30	NSS	SEAT - check valve exhaust	1
31	NSS	SPRING - preload, inlet valve	1
32	NSS	DIAPHRAGM - valve	1
33	NSS	WASHER - diaphragm	1
34	182- 84	MACHINE SCREW - slotted head, No. 8 - 32 NC x 3/8"	1

L103952, L103953, L107985, AND L107986 BRAKE ACTUATORS

REF.	PART NO.	DESCRIPTION	REQ'D.
L	103953	BRAKE ACTUATOR - Wagner No. AF-99582, not available, order L112001 brake actuator, page 427	2
L	107986	BRAKE ACTUATOR - Wagner No. AF-104382, not available, order L112001 brake actuator, page 427	2
L	103952	BRAKE ACTUATOR - Wagner No. AF-99581, not available, order L113007 brake actuator, page 429	2
L	107985	BRAKE ACTUATOR - Wagner No. AF-104381, not available, order L113007 brake actuator, page 429	2
	N 6536	AIR CHAMBER ASSEMBLY - brake actuator, order N9055 air chamber	1
1	221- 13	PLUG - square head, 3/8" NPT	1
2	NSS	PLATE - pressure	1
3	** NSS	DIAPHRAGM - air chamber	1
4	NSS	PUSH ROD - brake actuator	1
5	NSS	ROD - stroke indicator	1
6	NSS	SPRING - diaphragm return	1
7	NSS	PLATE AND STUD ASSEMBLY - air chamber	1
8	NSS	CLAMP - plate and stud assembly	2
9	114- 216	BOLT - hex head, 3/8" - 24 NF x 2"	2
10	129- 163	NUT - hex, 3/8" - 24 NF	2
11	92- 10	WASHER - lock, 5/8"	2
12	129- 167	NUT - hex, 5/8" - 11 NC	2
	N 9055	AIR CHAMBER ASSEMBLY - brake actuator, Midland No. N30168, part No. stamped on assembly	1
13	221- 1013	PLUG - square head, 3/8" NPT	1
14	NSS	PLATE - pressure	1
15	N 9521	DIAPHRAGM - air chamber	1
16	N 9942	PUSH ROD - brake actuator	1
17	D 78296	ROD - stroke indicator	1
18	D 78294	SPRING - diaphragm return	1
19	NSS	PLATE AND STUD ASSEMBLY - air chamber	1
20	N 9938	CLAMP - plate and stud assembly	2
21	N 9937	BOLT - special	2
22	N 9939	NUT - special	2
23	192- 25	WASHER - lock, 5/8", plated	2
24	129- 107	NUT - hex, 5/8" - 11 NC, plated	2
		Continued on next page	
	* N 6937	KIT - master cylinder, includes all items with a single asterisk	1
	** N 6938	KIT - maintenance, includes N6937 kit and all items with a double asterisk	1
	L 36218	KIT - master cylinder repair, for service of L103952 and L103953 brake actuator, includes item 4 (NSS), item 40 (NSS), and item 45 (NSS)	1

L113007 BRAKE ACTUATOR

REF.	PART NO.	DESCRIPTION	REQ'D.
	L 113007	BRAKE ACTUATOR - Minn. Auto. No. 02-460-503	2
	N 8693	AIR CHAMBER ASSEMBLY - brake actuator	1
1	221- 1843	PLUG - 3/4" NPT	1
2	NSS	COVER - air chamber	1
3	NSS	DIAPHRAGM - air chamber	1
4	NSS	PUSH ROD - brake actuator	1
5	NSS	SPRING - diaphragm return	1
6	NSS	BODY - air chamber	1
7	NSS	CLAMP - air chamber	2
8	NSS	BOLT - special	2
9	129- 103	NUT - hex, 3/8" - 16 NC	2
10	NSS	STUD - air chamber	2
11	NSS	PLATE - air chamber, not shown	2
12	129- 127	NUT - hex, 5/8" - 18 NF	2
13	192- 25	WASHER - lock, 5/8"	2
14	N 8694	BRACKET - mounting	1
	N 8695	MASTER CYLINDER - brake actuator	1
15	NSS	END PLUG - master cylinder	1
16	* NSS	O-RING - plug	1
17	N 8700	SPRING - return	1
18	NSS	RETAINER - spring	1
19	* NSS	CUP - retainer	1
20	* NSS	PISTON - short	1
21	* NSS	SEAT - piston	1
22	* NSS	RETAINER - seat	1
23	NSS	SPRING - piston	1
24	NSS	PISTON - long	1
25	* NSS	SEAL - cup	1
26	NSS	BEARING - master cylinder	1
27	* NSS	RETAINING RING - bearing	1
28	NSS	HOUSING - master cylinder	1
29	N 8701	PLUG - filler	1
30	* S 114797	GASKET - filler plug	1
31	S 107710	SCREW - air removal	1
32	N 8696	BOOT - brake actuator	1
33	N 8697	GUIDE - brake actuator	1
	* N 8937	KIT - master cylinder repair, includes all items with an asterisk and a check valve and seat not used in this actuator	1

L112300 PRESSURE REDUCING VALVE - BRAKE

REF.	PART NO.	DESCRIPTION	REQ'D.
	L 112300	VALVE - pressure reducing - brake	1
1	NSS	BODY - valve	1
	D 76940	KIT - repair	1
2	NSS	SEAL - poppet	1
2A	NSS	WASHER - backup	1
3	NSS	SPRING - small	1
4	NSS	POPPET - valve	1
5	NSS	GUIDE - poppet	1
6	NSS	SEAL - piston	1
	N 8744	KIT - piston	1
7	NSS	SEAL - piston	1
8	NSS	PISTON	1
9	D 76942	SPRING - large	1
10	NSS	COVER	1
11	NSS	PLUG - hex socket	1

L76560 HORN

REF.	PART NO.	DESCRIPTION	REQ'D.
	L 76560	HORN ASSEMBLY - air	1
1	D 76966	HORN - long, 13-7/16" (341 mm) long	1
2	D 76967	HORN - short, 10-29/32" (277 mm) long	1
3	NSS	BODY - horn	1
	D 76968	KIT - diaphragm	2
4	NSS	SCREW - cover	6
5	NSS	COVER - body	2
6	NSS	GASKET - cover	2
7	NSS	DIAPHRAGM - horn	2
8	195- 108	WASHER - flat, 5/8"	1
9	193- 63	WASHER - internal tooth lock, 5/8"	1
10	129- 127	NUT - hex, 5/8" - 18 NF	1
11	NSS	GASKET - horn	1

L50225 HORN

	L 50225	HORN ASSEMBLY - air	1
12	NSS	BODY - horn	1
13	L 33784	HORN - short, 10-3/4" (273 mm) long	1
14	L 33785	HORN - long, 13-1/3" (339 mm) long	1
	L 33786	KIT - horn mounting	1
15	NSS	PAD - mounting	1
16	NSS	ADAPTER - air line to horn	1
17	NSS	WASHER - special	1
18	193- 63	WASHER - internal tooth lock, 5/8"	1
19	129- 127	NUT - hex, 5/8" - 18 NF	1

**BASIC HYDRAULIC CIRCUIT
RESERVOIR TO PUMP
BEFORE PIN 9151870**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	REF	RESERVOIR - parts list pages 453 and 455	1
2	L 55950	HOSE - 2" (51 mm) ID x 5" (127 mm) long, no longer available, order items 10 and 11	1
3	214- 260	CLAMP - hose, use with L55950 hose	2
4	L 50654	TUBE - hydraulic, suction	1
5	A 14506	O-RING - split flange	2
6	A 14141	SPLIT FLANGE - tube	4
7	92- 8	WASHER - lock, 1/2"	8
8	13- 824	BOLT - hex head, 1/2" - 13 NC x 1-1/2"	4-8
8A	13- 832	BOLT - hex head, 1/2" - 13 NC x 2", if used	4
9	L 114737	HOSE ASSEMBLY - hydraulic, suction	1
10	L 74461	HOSE - 2" (51 mm) ID x 5" (127 mm) long	1
11	214- 177	CLAMP - hose, use with L74461 hose	2
12	25- 108	NUT - hex, 1/2" - 13 NC, if used	4
13		RESERVED	
14		RESERVED	
15	L 51039	U-BOLT - 5/16" - 18 NC x 2-7/8"	1
16	95- 5	WASHER - flat, 5/16"	2
17	92- 5	WASHER - lock, 5/16"	2
18	25- 115	NUT - hex, 5/16" - 18 NC	2
19	L 50667	TUBE - at pump, models without auxiliary steering and without a backhoe, for models with auxiliary steering or with a backhoe, see pages 255 or 473	1
20	A 14515	O-RING - flange	1
21	92- 8	WASHER - lock, 1/2"	4
22	61- 824	BOLT - hex socket head, 1/2" - 13 NC x 1-1/2"	4
23	R 13911	HOSE - 1-1/4" (32 mm) ID x 3" (76 mm) long	1
24	214- 258	CLAMP - hose	2
25	217- 178	STEM FITTING - straight, male	1
26	218- 5011	O-RING - stem fitting	1
27	L 110544	PUMP - hydraulic, parts list page 271	1
28		RESERVED	
29	A 27182	STUD - special	4
30	92- 8	WASHER - lock, 1/2"	4
31	25- 108	NUT - hex, 1/2" - 13 NC	4
32	221- 12	PLUG - 1/4" NPT	1

LOADER BUCKET HYDRAULIC CIRCUIT VALVES ARE MARKED WITH CASE PART NUMBER

REF.	PART NO.	DESCRIPTION	REQ'D.
1	REF	CONTROL VALVE - loader, for valve identification, see pages 501, 503, 515, and 517	1
2	218- 5077	ADAPTER - straight, Parker valves, see item 42 on page 469	1-2
3	218- 5010	O-RING - adapter	1
4	218- 5064	ADAPTER - straight, Hydreco valves, see item 44 on page 469	1-2
5	218- 5008	O-RING - adapter	1
6	L 50881	TUBE - Parker valves	1
7	L 79688	TUBE - Hydreco valves	1
8	218- 596	TEE - male	1
9	L 50854	TUBE - tee to left-hand bucket cylinder, closed end	1
10	L 50875	TUBE - tee to right-hand bucket cylinder, closed end	1
11	13- 624	BOLT - hex head, 3/8" - 16 NC x 1-1/2"	2
12	R 15257	CLAMP - tube	2
13	95- 6	WASHER - flat, 3/8"	2
14	92- 6	WASHER - lock, 3/8"	2
15	25- 106	NUT - hex, 3/8" - 16 NC	2
16	13- 624	BOLT - hex head, 3/8" - 16 NC x 1-1/2"	4
17	95- 6	WASHER - flat, 3/8"	4
18	L 47468	BRACKET - tube clamping	2
19	92- 6	WASHER - lock, 3/8"	4
20	25- 106	NUT - hex, 3/8" - 16 NC	4
21	L 50653	HOSE - cylinder, closed end, 36-1/2" (927 mm) long	2
22	L 51166	TUBE - at cylinder	2
23	L 114091	ELBOW - 90 degree, special, see item 27	2-4
24	218- 5008	O-RING - elbow	1
25	REF	CYLINDER - left-hand tilt, see pages 493 and 495	1
26	REF	CYLINDER - right-hand tilt, see pages 493 and 495	1
27	218- 5064	ADAPTER - straight, if used	2
28	218- 5008	O-RING - adapter	1
29	L 51154	TUBE - used with 218-5064 adapter	2
29A	L 77710	TUBE - used with 218-5108 90 degree elbow	2
30	13- 620	BOLT - hex head, 3/8" - 16 NC x 1-1/4"	2
31	R 15257	CLAMP - tube	4
32	92- 6	WASHER - lock, 3/8"	2
33	25- 106	NUT - hex, 3/8" - 16 NC	2

Continued on next page

BACKHOE HYDRAULIC CIRCUIT PUMP TO RELIEF VALVE

REF.	PART NO.	DESCRIPTION	REQ'D.
1	L 54948	TUBE - at pump, used before PIN 9151870, for o-rings and connecting parts see page 457	1
1	L 108299	TUBE - at pump, used on PIN 9151870 and after, for o-rings and connecting parts see page 459	1
2	L 110544	PUMP - hydraulic, used before PIN 9151870, parts list page 271	1
2	L 111787	PUMP - hydraulic, used before PIN 9151870, parts list page 273	1
3	218- 5140	ELBOW - 45 degree, adjustable, used before PIN 9151870	1
4	218- 5010	O-RING - elbow	1
5	L 107496	TUBE - to valve, used before PIN 9151870	1
5A	218- 5069	ADAPTER - straight, used on PIN 9151870 and after	1
5B	218- 5010	O-RING - adapter	1
5C	L 111813	TUBE - to valve, used on PIN 9151870 and after	1
6	L 55496	FITTING - special	1
7	L 100938	ELBOW - 90 degree	1
8	S 206607	COUPLING - male	1
9	S 206608	COVER - dust	1
10	S 206610	COUPLING - female	1
11	L 55038	SELECTOR VALVE - backhoe, parts list page 481	1
12	13- 632	BOLT - hex head, 3/8" - 16 NC x 2"	2
13	92- 6	WASHER - lock, 3/8"	2
14	25- 106	NUT - hex, 3/8" - 16 NC	2
15	L 107669	BRACKET - selector valve	1
16	13- 652	BOLT - hex head, 3/8" - 16 NC x 3-1/4"	3
17	95- 6	WASHER - flat, 3/8"	3
18	L 55340	SPACER - bracket	3
19	L 55199	SCREW - special	1
20	169- 73	SET SCREW - fillister head, No. 8 - 32 NC x 1/4"	1
21	25- 146	JAM NUT - hex, 3/8" - 16 NC	1
22	L 55748	CABLE ASSEMBLY - selector valve, parts list page 481	1
23	L 55198	BRACKET - cable	1
24	163- 12	SCREW - slotted hex head, No. 10 - 24 NC	2
25	L 12441	CLAMP - cable	1
26	92- 3	WASHER - lock, 3/16"	2
27	129- 7	NUT - hex, No. 10 - 24 NC	2
28	218- 5110	ELBOW - 90 degree, adjustable	1
29	218- 5010	O-RING - elbow	1
30	L 55032	TUBE - loader supply, used before PIN 9151870	1
30	L 111824	TUBE - loader supply, used on PIN 9151870 and after	1
31	218- 5077	ADAPTER - backhoe hose	1
32	218- 5010	O-RING - adapter	1
33	L 54974	HOSE - selector valve to relief valve	1
34	218- 5123	ELBOW - 90 degree, used with 35A or 35C backhoe	1
35	218- 5007	O-RING - elbow	1
36	218- 5118	ELBOW - 90 degree, used with 35 backhoe	1
37	218- 5010	O-RING - elbow	1

**HYDRAULIC QUICK DISCONNECT COUPLINGS
BACKHOE LINES**

REF. PART NO. DESCRIPTION REQ'D.

D52800 FEMALE COUPLING

	D	52800	COUPLING - quick disconnect, female	1
1	D	31975	FITTING - end, coupling	1
2	D	53915	VALVE ASSEMBLY - coupling	1
3	A	13184	O-RING - coupling	1
4	D	53916	BODY - coupling	1
5	211-	6	BALL - steel, 7/32" diameter	10
6	D	53895	O-RING - body, coupling	1
7	D	54276	BACKUP RING - O-ring	1
8	D	31979	SPRING - sleeve	1
9	D	31980	SLEEVE - ball retaining	1
10	D	31981	RETAINING RING - sleeve	1
10A	D	39924	PLUG - dust, for female coupling	1

D52694 MALE COUPLING

	D	52694	COUPLING - quick disconnect	1
11	D	31971	BODY - coupling, male	1
12	A	13184	SEAL - coupling body	1
13	D	53915	VALVE ASSEMBLY - coupling	1
14	D	31975	FITTING - end, coupling	1

G100723 GRAPPLE CYLINDER

REF.	PART NO.	DESCRIPTION	REQ'D.
	G 100723	CYLINDER - 3" (76 mm) diameter x 10-1/2 (266 mm) stroke	1
1	G 100677	TUBE - cylinder	1
2	30613	BUSHING - tube	2
	G 104222	GLAND ASSEMBLY - cylinder	1
3	NSS	GLAND - cylinder	1
4	NSS	RING - center bearing	1
5	G 102569	PLUG - nylon, thread locking, gland	1
6	*D 95142	WIPER - piston rod, outer	1
7	*G 102424	BUSHING - center	1
8	*G 107921	U-CUP SEAL - piston rod, wide, with O-ring	1
8	G 100776	U-CUP SEAL - piston rod, service option - severe heat or cold	1
9	*G 109093	SEAL - piston rod, narrow, used in addition to item 8 in some glands	1
10	*A 30095	O-RING - gland seal	1
11	*G 32122	BACKUP RING - gland	1
12	187- 1524	SCREW - self-tapping, No. 8 - 32 x 3/8", if used	1
13	G 100679	ROD - piston, 1-1/2" (38 mm) diameter	1
14	30613	BUSHING - piston rod	2
15	G 33747	PISTON - cylinder, double groove, if used, order with (1) G100449 wear ring, if used, order item 16	1
16	G 104108	PISTON - cylinder, single groove, replaces G33747 piston, if used	1
17	*G 32034	BACKUP RING - piston	1
18	*A 28318	O-RING - piston	1
19	*G 100449	RING - wear, used with L33747 double grooved piston only	1
20	28- 1232	BOLT - 3/4" - 16 NF x 2", grade 8	1
21	G 32317	WASHER - hardened	1
22	219- 1	GREASE FITTING - straight, 1/8" NPT	2
	*G 105502	KIT - seal, includes all items with an asterisk, same as G34656 kit plus item 9 above	1

NOTE: The cylinder assembly part number is stamped on some cylinder glands or tubes.

D71227 AND D71229 LIFT SPOOL (PARKER)

REF.	PART NO.	DESCRIPTION	REQ'D.
	D 71227	SPOOL ASSEMBLY - lift, L70429 valve	1
	D 71229	SPOOL ASSEMBLY - lift, L70430 valve	1
1	R 33408	CONNECTOR - spool	1
2	187- 1350	SCREW - pan head, No. 4 - 40 NC x 5/16"	4
3	192- 53	WASHER - lock, No. 4	4
4	L 33768	PLUG - spool end, D71227 spool	1
4A	D 71230	PLUG - spool end, D71229 spool	1
5	N 6776	SCREW - special	1
6	D 56449	STUD - spool	1
7	L 33769	SNAP RING - end plug	1
8	A 15528	O-RING - plug	1
9	L 33762	COIL AND HOLDER ASSEMBLY - magnetic detent	2
10	L 33781	SPACER - coil	1
11	D 65130	SPACER - clapper, if used	1
12	D 65129	WASHER - special, clapper	1
13	L 33761	WASHER - special, coil shim	1
14	178- 415	SET SCREW - hex socket headless, No. 10 - 24 NC x 3/8"	1
15	L 33778	HOUSING - magnetic detent	1
16	L 33777	WASHER - spring retaining	1
17	A 13164	SEAT - spring retaining, outer	1
18	L 33775	SPRING - feel, magnetic detent	1
19	L 33776	SPRING - centering	1
20	L 33774	WASHER - special	1
21	A 16846	SEAT - spring, inner	1
22	L 32640	RETAINER - O-ring, inner	1
23	A 13184	O-RING - spool seal, both ends	2
24	L 33433	RETAINER - O-ring, outer	1
25	L 32613	O-RING - large	1
26	NSS	SPOOL - valve, lift	1
27	218- 5006	O-RING - spool	1
28	L 51030	EYE - spool	1

HYDRECO THREE SPOOL VALVES

REF.	PART NO.	DESCRIPTION	REQ'D.
	L 100004	VALVE - three spool, Hydreco No. MVT025DRF16	1
	L 104940	VALVE - three spool, Hydreco No. MVT025DRF21	1
	L 108366	VALVE - three spool, Hydreco No. MVTO25DRF27	1
1	NSS	BODY - valve	1
2	113- 102	BOLT - hex head, 5/16" - 18 NC x 3/4", plated	8
3	192- 20	WASHER - lock, 5/16", plated	8
4	D 82728	WIPER - spool	3
5	D 82721	PLATE - retaining, outer	3
6	D 82720	PLATE - retaining, inner	3
7	D 82727	SEAL - spool	6
8	REF	SPOOL ASSEMBLY - lift, parts list page 519	1
9	D 82929	DETENT ASSEMBLY - lift, parts list page 521	1
10	REF	SPOOL ASSEMBLY - bucket, parts list page 519	1
11	D 82928	DETENT ASSEMBLY - bucket, parts list page 523, L100004 valve	1
11A	N 7171	DETENT ASSEMBLY - bucket, parts list page 523, L104939 and L108366 valves	1
12	REF	SPOOL ASSEMBLY - auxiliary, parts list page 519	3
13	D 83096	PLUG - cover	1
14	D 24779	COVER - spool, auxiliary	1
15	D 82722	PLATE - retaining	1
16	D 82723	BACKUP RING - seal	1
17	REF	CIRCUIT RELIEF VALVE - parts list page 525	4
18	REF	MAIN RELIEF VALVE - parts list page 525	1
19	218- 5160	PLUG - hex head	1
20	218- 5010	O-RING - plug	1
21	218- 5158	PLUG - hex head	1
22	218- 5008	O-RING - plug	1

PARKER LOADER CONTROL VALVE AND LEVERS (2 SPOOL)

REF.	PART NO.	DESCRIPTION	REQ'D.
1	L 56064	KNOB - control lever	2
2	L 59087	LEVER - loader lift control	1
3	L 59089	LEVER - loader bucket control	1
4	L 59090	BELLCRANK - lever, upper	2
5	25- 1510	JAM NUT - hex, 5/8" - 18 NF	2
5A	193- 34	WASHER - internal tooth lock, 5/8"	2
6	219- 55	GREASE FITTING - 90 degree, 1/8" NPT	2
7	138- 223	ROLL PIN - 1/8" x 2", used with L76950 console only, item 22	4
8	L 102849	SHAFT - lever pivot	2
9	L 55379	SPACER - pivot shaft	2
10	132- 48	COTTER PIN - 1/8" x 1"	8
11	141- 6	CLEVIS PIN - 1/2"	8
12	L 59968	ROD - control	2
13	L 59927	SEAL - control rods, cab models	2
14	L 76911	PLATE - seal retaining, cab models	1
15	L 70085	SEAL - plate, cab models	1
16	163- 12	MACHINE SCREW - hex head, No. 10 - 32 NF x 3/4"	4
17	95- 3	WASHER - flat, No. 10	4
18	92- 3	WASHER - lock, No. 10	4
19	129- 7	NUT - hex, No. 10 - 32 NF	4
20	L 51047	BELLCRANK - spool actuating, lower	2
21	219- 1	GREASE FITTING - straight, 1/8" NPT	2
22	L 76950	CONSOLE - control, not available, order L106722 console	1
22A	L 106722	CONSOLE - control	1
23	13- 620	BOLT - hex head, 3/8" - 16 NC x 1-1/4"	4
23A	95- 6	WASHER - flat, 3/8"	8
24	92- 6	WASHER - lock, 3/8"	4
25	25- 106	NUT - hex, 3/8" - 16 NC	4
26	25- 158	JAM NUT - hex, 1/2" - 20 NF	6
27	213- 6	CLEVIS - connecting link	6
28	L 73826	ROD - control, bucket	1
29	L 73890	ROD - control, lift	1
30	13- 8124	BOLT - hex head, 1/2" - 13 NC x 7-3/4"	3
31	L 72103	SPACER - valve	3
32	92- 8	WASHER - lock, 1/2"	3
33	25- 108	NUT - hex, 1/2" - 13 NC	3
34	L 70429	VALVE - loader, parts list page 501	1
35	L 59992	COVER - ROPS models	1
36	182- 131	SCREW - round head slotted, No. 10 - 24 NC x 1-1/4"	6
37	95- 3	WASHER - flat, No. 10	6
38	92- 3	WASHER - lock, No. 10	6
39	129- 7	NUT - hex, No. 10 - 24 NC	6

**HYDRECO LOADER CONTROL VALVE AND LEVERS (3 SPOOL)
FOR PIN 9137616 AND PIN 9137624 AND AFTER**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	L 56064	KNOB - control lever	3
2	L 59087	LEVER - lift	1
3	L 59089	LEVER - bucket	1
4	L 59088	LEVER - auxiliary	1
5	L 59090	BELLCRANK - upper	3
6	25- 1510	JAM NUT - hex, 5/8" - 18 NF	3
7	193- 34	WASHER - internal tooth lock, 5/8"	3
8	219- 55	GREASE FITTING - 90 degree, 1/8" NPT	3
9	138- 223	ROLL PIN - 1/8" x 2", used with L76950 console only, item 23	4
10	L 102849	SHAFT - lever pivot	2
11	132- 48	COTTER PIN - 1/8" x 1"	9
12	141- 6	CLEVIS PIN - 1/2"	9
13	L 59968	ROD - control	3
14	L 59927	SEAL - control rods, cab models	3
15	L 76911	PLATE - seal retaining, cab models	1
16	L 59978	SEAL - plate, cab models	1
17	163- 12	MACHINE SCREW - hex head, No. 10 - 32 NF x 3/4"	4
18	95- 3	WASHER - flat, No. 10	4
19	92- 3	WASHER - lock, No. 10	4
20	129- 7	NUT - hex, No. 10 - 32 NF	4
21	L 51047	BELLCRANK - spool actuating, lower	3
22	219- 1	GREASE FITTING - straight, 1/8" NPT	3
23	L 76950	CONSOLE - control, not available, order L106722 console	1
23A	L 106722	CONSOLE - control	1
24	13- 620	BOLT - hex head, 3/8" - 16 NC x 1-1/4"	4
24A	95- 6	WASHER - flat, 3/8"	8
25	92- 6	WASHER - lock, 3/8"	4
26	25- 106	NUT - hex, 3/8" - 16 NC	4
27	213- 6	CLEVIS - connecting link	6
28	25- 158	JAM NUT - hex, 1/2" - 20 NF	9
29	L 104134	ROD - control, lift	1
30	L 104135	ROD - control, bucket	1
31	L 104135	ROD - control, auxiliary	1
32	13- 872	BOLT - hex head, 1/2" - 13 NC x 4-1/2"	3
33	L 100006	BRACKET - valve mounting	1
34	92- 8	WASHER - lock, 1/2"	6
35	25- 108	NUT - hex, 1/2" - 13 NC	3
36	REF	VALVE ASSEMBLY - 3 spool, Hydreco, parts list page 517	1
37	13- 840	BOLT - hex head, 1/2" - 13 NC x 2-1/2"	3
38	D 64050	WASHER - special	3
39	25- 108	NUT - hex, 1/2" - 13 NC	3
40	L 100609	CLEVIS - to valve	3
41	141- 61	CLEVIS PIN - 5/16"	3
42	132- 26	COTTER PIN - 3/32" x 3/4"	3
43	L 59992	COVER - ROPS models	1
44	182- 131	SCREW - round head, slotted, No. 10 - 24 NC x 1-1/4"	6
45	95- 3	WASHER - flat, No. 10	6
46	92- 3	WASHER - lock, No. 10	6
47	129- 7	NUT - hex, No. 10 - 20 NC	6

GRAPPLE BUCKET

REF.	PART NO.	DESCRIPTION	REQ'D.
	L 78154	GRAPPLE BUCKET - no longer available, order L108602 grapple bucket, uses item 23, L78027 grapple	1
	L 108602	GRAPPLE BUCKET - machinery item, see page 2 for ordering, uses, item 24, L108590 grapple	1
1	NSS	BUCKET - grapple	1
2	L 77994	CUTTING EDGE - grapple bucket	1
3	L 78019	TOOTH - no longer available, order, L109023 tooth, see items 4, 5, and 6	8
	L 109023	TOOTH - bucket	8
4	NSS	SHANK - tooth	1
5	D 39448	FLEX PIN - tooth	1
6	D 39090	POINT - tooth	1
7	19- 1052	PLOW BOLT - 5/8" - 11 NC x 3-1/4", used with L78019 tooth	16
8	19- 1056	PLOW BOLT - front, 5/8" - 11 NC x 3-1/2", used with L109423 tooth	8
9	19- 1048	PLOW BOLT - rear, 5/8" - 11 NC x 3", used with L109423 tooth	8
10	92- 10	WASHER - lock, 5/8"	16
11	25- 1010	NUT - hex, 5/8" - 11 NC	16
12	219- 1	GREASE FITTING - straight, 1/8" NPT	7
13	L 79796	PIN - bucket, lower	2
14	L 50514	PIN - bucket and grapple	3
15	L 74886	PIN - cylinder	2
16	D 51244	PIN - grapple	2
17	R 17756	PIN - rod eye	9
18	13- 824	BOLT - hex head, 1/2" - 13 NC x 1-1/2"	2
19	13- 828	BOLT - hex head, 1/2" - 13 NC x 1-3/4"	15
20	92- 8	WASHER - lock, 1/2"	17
21	25- 108	NUT - hex, 1/2" - 13 NC	17
22	G 100723	CYLINDER - grapple, parts list page 497	1
23	*L 78027	GRAPPLE - used on L78154 bucket, no longer available, order L36226 kit, see below	1
24	L 108590	GRAPPLE - used on L108602 bucket	1
25	D 31140	BUSHING - used on both items 23 and 24	2
26	D 33127	BUSHING - used on both item 23 and 24	4
27	L 78058	TINES - fork	4
28	L 78060	SPACER - tines	3
29	13- 1236	BOLT - hex head, 3/4" - 10 NC x 2-1/4"	8
30	92- 12	WASHER - lock, 3/4"	8
31	25- 1012	NUT - hex, 3/4" - 10 NC	8
	*L 36226	KIT - grapple, includes item 24 and instruction sheet	1

G33770 AND G33771 CLAM CYLINDERS WITH TWO PIECE PISTON

REF.	PART NO.	DESCRIPTION	REQ'D.
	G 33770	CYLINDER - right-hand, 3" (76 mm) ID x 10-1/2" (266 mm) stroke, no longer available, for complete cylinder assembly order G101226 cylinder, parts list page 559	1
	G 33771	CYLINDER - left-hand, 3" (76 mm) ID x 10-1/2" (266 mm) stroke, no longer available, for complete cylinder assembly order G101227 cylinder, parts list page 559	1
1	D 46911	TUBE ASSEMBLY - cylinder body, right-hand	1
1	D 46910	TUBE ASSEMBLY - cylinder body, left-hand	1
2	30634	BUSHING - tube	2
	G 104222	GLAND ASSEMBLY - cylinder	1
3	NSS	GLAND - cylinder	1
3A	G 102569	PLUG - nylon, thread locking, gland, if used	1
4	NSS	RING - center bearing	1
5	*D 95142	WIPER - piston rod, outer	1
6	*G 102424	BUSHING - center	1
7	*G 107921	U-CUP SEAL - piston rod, wide, with O-ring	1
7	G 100776	U-CUP SEAL - piston rod, service option - extreme heat or cold	1
7A	*G 104224	SEAL - piston rod, narrow, used in addition to item 7 in some glands	1
8	*A 30095	O-RING - gland	1
9	*G 32122	BACKUP RING - gland O-ring	1
10	187- 1524	SCREW - hex head, slotted, self-tapping, No. 8 - 32 NC x 3/8", plated, if used	1
11	G 33467	ROD - piston, 1-1/2" (38 mm) diameter	1
12	30634	BUSHING - piston rod	2
13	G 33150	PISTON - split, rod end	1
14	D 28366	PISTON - split, bolt end	1
	*G 33151	PACKING ASSEMBLY - piston	1
15	NSS	PACKING ASSEMBLY - V-type	2
16	NSS	RING - center bearing	1
17	28- 1240	BOLT - hex head, 3/4" - 16 NF x 2-1/2", grade 8	1
18	G 32317	WASHER - hardened	1
19	219- 1	GREASE FITTING - straight, 1/8" NPT	2
	*G 105512	KIT - seal, includes all items with an asterisk, same as G34332 kit plus item 7A above	1

NOTE: The cylinder assembly part number is stamped on some cylinder glands or tubes.

**GRILLE AND RADIATOR GUARD
MODELS WITHOUT BACKHOE**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	L 77420	GUARD - radiator, standard models, used with bolt-on lamp bracket and two grille fasteners	1
2	L 77422	GUARD - radiator, forestry models, used with bolt-on lamp bracket and two grille fasteners, not shown	1
3	L 77179	GUARD - radiator, standard models, has welded lamp bracket and uses two grille fasteners	1
4	L 77604	GUARD - radiator, forestry models, has welded lamp bracket and uses two grille fasteners, not shown	1
5	L 111055	GUARD - radiator, standard models, has welded lamp bracket and uses a single grille fastener, used before PIN 9154965	1
5	L 116228	GUARD - radiator, standard models, has welded lamp bracket and uses a single grille fastener, used on PIN 9154965 and after	1
6	L 106948	GUARD - radiator, forestry models, has welded lamp bracket and uses a single grille fastener, not shown, used before PIN 9154965	1
6	L 116362	GUARD - radiator, forestry models, has welded lamp bracket and uses a single grille fastener, not shown, used on PIN 9154965 and after	1
7	13- 824	BOLT - hex head, 1/2" - 13 NC x 1-1/2", if used	4
7	13- 828	BOLT - hex head, 1/2" - 13 NC x 1-3/4", if used	4
8	92- 8	WASHER - lock, 1/2"	3-4
8A	193- 87	WASHER - internal-external tooth lock, 1/2", plated, used after PIN 9154965 on LH rear bolt, not shown	1
9	25- 108	NUT - hex, 1/2" - 13 NC	4
10	L 50633	SUPPORT - grille, upper	1
11	13- 612	BOLT - hex head, 3/8" - 16 NC x 3/4"	2
12	92- 6	WASHER - lock, 3/8"	2
13	95- 6	WASHER - flat, 3/8"	UAR
14	L 55533	RETAINER - grille, used with items 1, 2, 3, and 4	2
15	L 48760	WASHER - special, grille retainer, used with items 1, 2, 3, and 4	2
16	L 101358	GRILLE - radiator protecting, used with items 1, 2, 3, and 4	1
17	L 48759	RECEPTACLE - 1/4 turn, used with items 1, 2, 3, and 4	2
18	151- 548	POP RIVET - used with items 1, 2, 3, and 4	4
19	L 59458	BRACKET - lamp, used with items 1 and 2	1
20	13- 416	BOLT - hex head, 1/4" - 20 NC x 1"	2
21	92- 4	WASHER - lock, 1/4"	2
22	25- 104	NUT - hex, 1/4" - 20 NC	2
23	L 72190	SCREEN - grille, used with items 2, 4, and 6	1
24	13- 532	BOLT - hex head, 5/16" - 18 NC x 2"	4
25	D 40236	CLAMP - screen	4
26	L 59180	WASHER - special	4
27	131- 651	NUT - hex, self-locking, 5/16" - 18 NC	4
28	L 70631	GRILLE - forestry models, used with items 2 and 4	1
29	L 106949	GRILLE - forestry models, not shown, used with item 6	1

Continued on next page

FRONT FRAME AND FENDERS

REF.	PART NO.	DESCRIPTION	REQ'D.
	L 116368	FRAME ASSEMBLY - standard	1
	L 106914	FRAME ASSEMBLY - forestry model	1
1	NSS	FRAME ASSEMBLY - articulated loader	1
2	L 55873	BUSHING - lift cylinder	2
3	L 50515	SHAFT - pivot, lift cylinder	1
3A	L 78554	PIVOT CASTING - right-hand	1
3B	L 78555	PIVOT CASTING - left-hand	1
4	L 55874	BUSHING - tilt cylinder	1
5	L 55873	BUSHING - lift frame	1
6	219- 36	GREASE FITTING - 45 degree, 1/8" NPT	4
7	219- 55	GREASE FITTING - 90 degree, 1/8" NPT	2
8	L 78724	COVER - front, used with Parker loader control valve	1
8	L 107901	COVER - front, used with Hydreco loader control valve, not shown	1
9	L 48438	HANDLE ASSEMBLY - front cover	1-2
10	13- 412	BOLT - hex head, 1/4" - 20 NC x 3/4"	3
11	95- 4	WASHER - flat, 1/4"	3
12	L 47787	BRACKET - lamp mounting, used before PIN 9154965, for lamp mounting brackets used on PIN 9154965 and after, see page 159	4
13	13- 624	BOLT - hex head, 3/8" - 16 NC x 1-1/2"	4
14	13- 620	BOLT - hex head, 3/8" - 16 NC x 1-1/4"	2
15	92- 6	WASHER - lock, 3/8"	6
16	25- 106	NUT - hex, 3/8" - 16 NC	6
17	L 47997	STOP - front to rear frame	2
18	92- 6	WASHER - lock, 3/8"	4
19	95- 6	WASHER - flat, 3/8"	4
20	25- 106	NUT - hex, 3/8" - 16 NC	4
21	L 77602	STEP - operators compartment access	4-6
22	13- 832	BOLT - hex head, 1/2" - 13 NC x 2"	8-12
23	92- 8	WASHER - lock, 1/2"	8-10
24	25- 108	NUT - hex, 1/2" - 13 NC	8-10
25	D 55216	PAD - non-skid	6
26	L 48237	FENDER - front, right-hand	1
27	L 48238	FENDER - front, left-hand, not shown	1
28	13- 624	BOLT - hex head, 3/8" - 16 NC x 1-1/2"	8
29	13- 624	BOLT - hex head, 3/8" - 16 NC x 1-1/2"	8
30	95- 6	WASHER - flat, 3/8"	16-28
31	L 48249	SUPPORT - fender, upper and lower, use L74731	4
32	92- 6	WASHER - lock, 3/8"	16-22
33	25- 106	NUT - hex, 3/8" - 16 NC	16-22
34	L 51445	SUPPORT - front fender, use L74731	2
35	L 74731	SUPPORT - fender	4
36	L 101294	PLATE - right-hand	1
37	L 101295	PLATE - left-hand	1
38	13- 820	BOLT - hex head, 1/2" - 13 NC x 1-1/4"	4
39	92- 8	WASHER - lock, 1/2"	4
40	25- 108	NUT - hex, 1/2" - 13 NC	4
41	L 77024	PLATE - rear	1
42	13- 816	BOLT - hex head, 3/8" - 16 NC x 1"	6

SEAT AND MOUNTING PARTS

REF.	PART NO.	DESCRIPTION	REQ'D.
	L 70502	SEAT BELT - 3" (76 mm) wide, used with item 13 suspension seat, if used . . .	1
22	NSS	SEAT BELT - operator retaining, 3" (76 mm) wide	1
22A	NSS	BELT - tether, seat to support	2
23	A 32042	BOLT - shoulder, 7/16" - 14 NC x 1-1/2", grade 8	2
24	192- 22	WASHER - lock, 7/16", plated	2
25	129- 104	NUT - hex, 7/16" - 14 NC, plated	2
26	113- 410	BOLT - hex head, 1/2" - 13 NC x 1-1/2", plated	2
27	92- 8	WASHER - lock, 1/2"	2
28	L 71330	ANGLE - stiffener	1
29	D 75997	SEAT BELT - 2" (51 mm) wide, used with item 13 suspension seat, if used . . .	1
30	L 78471	BELT - tether, seat to support	2
31	113- 311	BOLT - hex head, 7/16" - 14 NC x 1-1/2", plated	2
32	192- 22	WASHER - lock, 7/16", plated	2
33	195- 105	WASHER - flat, 7/16", plated	2
34	129- 104	NUT - hex, 7/16" - 14 NC, plated	2

SUSPENSION SEAT

REF.	PART NO.	DESCRIPTION	REQ'D.
	REF	SEAT ASSEMBLY - continued from page 593	1
62	192- 23	WASHER - lock, 1/2", plated	2
63	D 66332	SPACER - armrest	2
64	D 66333	PLATE - armrest channel cover	2
65	D 66334	STOP - armrest	2
66	D 66302	COVER - left-hand armrest, black, L73447 or L73448 seat, if used	1
66	N 9924	COVER - left-hand armrest, brown, L112057 or L112058 seat, if used	1
67	N 8388	COVER - right-hand armrest, black, not shown, L73447 or L73448 seat, if used	1
67	N 9925	COVER - right-hand armrest, brown, not shown, L112057 or L112058 seat, if used	1
68	D 66335	CHANNEL - armrest	2
69	D 66336	RETAINER - screw	2
70	182- 204	MACHINE SCREW - pan head slotted, 1/4" - 20 NC x 3/4"	4
71	113- 417	BOLT - hex head, 1/2" - 13 NC x 1-1/4", plated	2
72	195- 533	WASHER - flat, 1/2", plated	4
73	113- 101	BOLT - hex head, 5/16" - 18 NC x 1/2", plated	4
74	192- 20	WASHER - lock, 5/16", plated	4
75	N 8681	CUSHION - L112058 seat, brown, if used	1
75	N 8683	CUSHION - L112057 seat, brown, if used	1
76	N 8682	CUSHION - backrest, L112058 seat, brown, if used	1
76	N 8684	CUSHION - backrest, L112057 seat, brown, if used	1

CAB FILTER AND DOOR HOLDER LATCHES

REF.	PART NO.	DESCRIPTION	REQ'D.
1	D 78394	FRAME - filter, cab SN 27750 and after	2
1	D 71530	FRAME - filter, before cab SN 27750	2
2	D 78395	SEAL - D78394 frame	2
2	F 43190	SEAL - D71530 frame	2
3	D 80562	ELEMENT - filter	2
4	173- 231	MACHINE SCREW - round head, 5/16" - 18 NC x 1-1/2", plated, used with D78394 frame	8
4	D 72843	SCREW - special, used with D71530 frame	8
5	A 61045	WASHER - special, if used	6
6	131- 639	NUT - U-type, 5/16" - 18 NC, used with D78394 frame	8
6	A 61046	RETAINER - used with D71530 frame	8

*DOOR HOLDER LATCHES - BEFORE CAB SN 53700

7	D 76957	LATCH - door holder, on frame, right-hand	1
8	D 76956	LATCH - door holder, on frame, left-hand, not shown	1
9	L 35748	SPRING - door latch	2
10	113- 207	BOLT - hex head, 3/8" - 16 NC x 1", plated	2
11	131- 203	NUT - hex, self-locking, 3/8" - 16 NC, plated	2
12	D 76959	BRACKET - latch retaining, inside frame, right-hand	1
13	D 76958	BRACKET - latch retaining, inside frame, left-hand, not shown	1
14	131- 71	NUT - hex, self-locking, 1/4" - 20 NC, plated	4
15	D 78396	SEAL - foam, door holder latch	2
16	L 35871	BUMPER - rubber, rounded	4
17	182- 557	MACHINE SCREW - pan Phillips head, No. 10 - 32 NF x 3/4", plated	2
18	192- 18	WASHER - lock, No. 10, plated	2
19	129- 37	NUT - hex, No. 10 - 32 NF, plated	2
20	D 78393	BUMPER - rubber	2
21	182- 151	MACHINE SCREW - pan head slotted, No. 10 - 32 NF x 1-1/4"	2
22	192- 18	WASHER - lock, No. 10, plated	2
23	129- 37	NUT - hex, No. 10 - 32 NF, plated	2
24	NSS	LATCH - on door, right-hand, if used	1
25	NSS	LATCH - on door, left-hand, if used, not shown	1
26	NSS	BRACKET - on door, latch retaining, if used	2
27	113- 1	BOLT - hex head, 1/4" - 20 NC x 1/2", plated, if used	4
28	192- 19	WASHER - lock, 1/4", plated, if used	4
29	129- 104	NUT - hex, 1/4" - 20 NC, plated, if used	4
30	D 78389	SEAL - below interior ventilation panel, if used	2
31	F 43506	LATCH - door holder, if used	2
32	182- 143	MACHINE SCREW - pan head slotted, No. 10 - 32 NF x 3/8", if used	4
33	129- 37	NUT - hex, No. 10 - 32 NF, plated, if used	4
34	D 71513	PLATE - latch mounting, if used	2
35	25- 104	NUT - hex, 1/4" - 20 NC, if used	8
36	192- 19	WASHER - lock, 1/4", plated, if used	8

*NOTE: For the door holder and latches used on cab SN 53700 and after, see page 607.

CAB DOORS
CAB SN 44769 THRU 53699

REF.	PART NO.	DESCRIPTION	REQ'D.
1	N 6994	DOOR ASSEMBLY - upper, right-hand, service replacement, not shown, includes items 24-29 on page 605, and all items on page 609	1
2	N 6995	DOOR ASSEMBLY - upper, left-hand, service replacement, includes items 24-29 on page 605, and all items on page 609	1
3	D 71511	LATCH - upper door, right-hand, not shown	1
4	D 71512	LATCH - upper door, left-hand	1
5	187- 582	SCREW - hex head, self-tapping, No. 10 - 32 NF x 1/2"	4
6	195- 513	WASHER - flat, No. 10, plated	4
7	192- 19	WASHER - lock, No. 10, plated	4
8	129- 37	NUT - hex, No. 10 - 32 NF	4
9	N 8622	DOOR ASSEMBLY - lower, right-hand, not shown	1
10	N 8621	DOOR ASSEMBLY - lower, left-hand	1
11	D 83139	HANDLE ASSEMBLY - outside, locking, mounting holes on 1-13/16" centers, includes D83205 keys, see repair kit on page 617	2
12	D 83205	KEY - set of two	1
13	182- 532	MACHINE SCREW - pan head slotted, No. 10 - 32 NF x 3/4"	4
14	92- 3	WASHER - lock, No. 10	6
15	129- 37	NUT - hex, No. 10 - 32 NF	4
16	N 9750	ARM - latch, bottom	2
17	22- 48	BOLT - hex head, self-tapping, 1/4" - 20 NC x 1/2"	2
18	D 88774	LATCH - door, left-hand	2
19	D 88776	LATCH - door, right-hand	2
20	N 8634	SHAFT - door latch	2
21	N 8633	SPACER - door latch	2
22	N 8642	BRACKET - latch rod	2
23	171- 250	SCREW - flat head, slotted, 1/4" - 20 NC x 3/4"	8
24	D 71516	ROD - latch pull	2
25	REF	STRIP - foam, 1" (25 mm) long, if used, cut from L35741 bulk, see bottom of page 617	2
26	113- 3	BOLT - hex head, 1/4" - 20 NC x 3/4"	6
27	195- 102	WASHER - flat, 1/4"	6
28	192- 19	WASHER - lock, 1/4"	6
29	25- 104	NUT - hex, 1/4" - 20 NC	6
30	N 8637	STRIKER - door	2
31	N 8641	BRACKET - striker	2
32	131- 926	NUT - hex, self-locking, 7/16" - 14 NC	2
33	N 8632	SHIM - bracket	UAR
34	F 63925	HANDLE - inside, includes set screw, see repair kit on page 617	2
35	176- 48	SET SCREW - slotted, cone point, 5/16" - 18 NC x 1/4"	1

Continued on next page

**CAB GLASS AND MOLDINGS
CAB SERIAL NUMBER 53700 AND AFTER**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	NSS	GLASS - windshield	1
2	* REF	MOULDING - windshield, 140-1/8" (3559 mm) long, cut from L35717 bulk . . .	1
3	NSS	GLASS - upper door	2
4	* REF	MOULDING - upper door glass, 91-1/8" (2315 mm) long, cut from L35717 bulk	2
5	NSS	GLASS - side panel	2
6	* REF	MOULDING - side panel glass, 76" (1930 mm) long, cut from L35717 bulk . . .	2
7	NSS	GLASS - rear window	2
8	* REF	MOULDING - rear window glass, 97" (2464 mm) long, cut from L35717 bulk . .	2
9	NSS	GLASS - lower left-hand door and lower right-hand panel	2
10	* REF	MOULDING - lower glass, 73-1/2" (1867 mm) long, cut from L35717 bulk	2
*L	35717	MOULDING - bulk, 50 ft. (15.2 m) roll	UAR

***NOTE:** All cab glass must be obtained from local sources. Order laminated safety glass to dimensions shown on opposite page.

HEATER LINES

REF.	PART NO.	DESCRIPTION	REQ'D.
1	221- 1089	REDUCER - 1/2" x 3/8" NPT	2
2	A 16764	VALVE - shutoff	2
3	214- 253	CLAMP - hose	4
4	L 18337	TIE STRAP - hose	UAR
5	*L 53241	HOSE - 5/8" (16 mm) ID x 128" (3521 mm) long, cut from A42610 hose, see below	1
6	*L 18327	HOSE - 5/8" (16 mm) ID x 95" (2413 mm) long, cut from A42610 hose, see below	1
7	113- 219	BOLT - hex head, 3/8" - 16 NC x 2", plated	1
8	D 40236	CLAMP - hose	1
9	33126	SPACER - clamp	1
9A	L 114711	BRACKET - hose support	1
10	92- 6	WASHER - lock, 3/8"	1
11	129- 103	NUT - hex, 3/8" - 16 NC, plated	1
12	D 40236	CLAMP - hose	1
13	113- 207	BOLT - hex head, 3/8" - 16 NC x 1", plated	1
14	92- 6	WASHER - lock, 3/8"	1
14A	25- 286	NUT - square, heavy, 3/8" - 16 NC	1
15	REF	PLENUM - see pages 631 and 633	1
16	L 73911	BRACKET - hose support	1
17	113- 219	BOLT - hex head, 3/8" - 16 NC x 2", plated	1
18	D 40236	CLAMP - hose	1
19	33126	SPACER - clamp	1
20	92- 6	WASHER - lock, 3/8"	1
21	25- 106	NUT - hex, 3/8" - 16 NC	1

USED WITH BOX TYPE PLENUM, SEE PAGE 631

22	* REF	HOSE - 5/8" (16 mm) ID x 2" (51 mm) long, cut from A42610 hose, see below, heater	1
23	A 60823	ELBOW - 90 degree	2
23A	214- 253	CLAMP - hose	2

USED WITH OPEN TYPE PLENUM, SEE PAGE 633

24	L 100842	TUBE - inlet	1
25	L 100843	TUBE - outlet	1
26	49891	CLAMP - hose	1
	*A 42610	HOSE - bulk roll, not shown, 5/8" (16 mm) ID x 50 ft. (15.2 m) long	UAR

CANOPY SCREENS FORESTRY MODELS

REF.	PART NO.	DESCRIPTION	REQ'D.
1	L 111500	SCREEN - rear	1
2	L 111497	SCREEN - front	1
3	13- 832	BOLT - hex head, 1/2" - 13 NC x 2"	8
4	95- 8	WASHER - flat, 1/2"	16
5	131- 72	NUT - hex, self-locking, 1/2" - 13 NC	8
6	L 76358	BRACKET - screen mounting	8
7	L 111498	SCREEN - side, right-hand	1
8	L 111499	SCREEN - side, left-hand	1
9	L 74980	PLATE - screen mounting	2
10	13- 828	BOLT - hex head, 1/2" - 13 NC x 1-3/4"	8
11	95- 8	WASHER - flat, 1/2"	16
12	131- 72	NUT - hex, self-locking, 1/2" - 13 NC	6
13	92- 8	WASHER - lock, 1/2"	2
14	25- 108	NUT - hex, 1/2" - 13 NC	3
15	13- 820	BOLT - hex head, 1/2" - 13 NC x 1-1/4"	5
16	95- 6	WASHER - flat, 1/2"	9
17	25- 108	NUT - hex, 1/2 - 13 NC	4

HOSE AND FITTING ASSEMBLY CONVERSION PART NUMBERS

To make up a replacement hose line, find the Case original equipment part number in the left hand column. To the right of this number are the component part numbers needed to assemble the replacement hose line.

ORIGINAL EQUIPMENT HOSE NO.	BULK HOSE NO.	CUT HOSE LENGTH	USE FITTING NO.	USE FITTING NO.	ADDITIONAL PARTS REQUIRED
L 54592	A21572	46-3/4"	220-252	220-251	43-3/4" D54279 Sleeve Guard
L 54693		USE ORIGINAL EQUIPMENT HOSE			
L 54694		USE ORIGINAL EQUIPMENT HOSE			
L 54974	A21574	18-3/4"	220-206	220-293	
L 54982	A21568	20-3/16"	220-106	220-106	
L 55004	A21568	25-1/2"	220-106	220-106	
L 55950	M20600	5"	NONE	NONE	
L 59076		USE ORIGINAL EQUIPMENT HOSE			
L 59153		USE ORIGINAL EQUIPMENT HOSE			
L 59994		USE ORIGINAL EQUIPMENT HOSE			
L 70352		USE ORIGINAL EQUIPMENT HOSE			
L 71341	H400184	15-1/2"	NONE	NONE	
L 72662	A21567	33-1/2"	220-112	220-114	
L 72669	A21567	20-1/2"	220-112	220-114	
L 73647	A21572	12-3/8"	220-204	220-204	
L 73652	L76381	10"	NONE	NONE	
L 73957		USE ORIGINAL EQUIPMENT HOSE			
L 73958		USE ORIGINAL EQUIPMENT HOSE			
L 74393		15"		SEE PARTS SUBSTITUTION LIST	
L 74461	S118563	5"	NONE	NONE	
L 76381		18"	NONE	NONE	
L 76909	H400184	6"	NONE	NONE	
L 77029		USE ORIGINAL EQUIPMENT HOSE			
L 77030		USE ORIGINAL EQUIPMENT HOSE			
L 77270		4"	NONE	NONE	
L 78010	A21573	32-1/4"	220-238	220-199	
L 78568		USE ORIGINAL EQUIPMENT HOSE			
L 78848		46"		SEE PARTS SUBSTITUTION LIST	
L 78852	A21565	101"	220-103	220-103	
L 100420	A21568	41-1/2"	220-128	220-146	
L 104445		USE ORIGINAL EQUIPMENT HOSE			
L 106001	A21568	74-3/16"	220-106	220-106	
L 106003	A21568	64-3/16"	220-106	220-106	
L 106432		USE ORIGINAL EQUIPMENT HOSE			
L 106433		USE ORIGINAL EQUIPMENT HOSE			
L 106812		USE ORIGINAL EQUIPMENT HOSE			
L 106908		USE ORIGINAL EQUIPMENT HOSE			
L 107666		USE ORIGINAL EQUIPMENT HOSE			
L 107902	L107022	14"	NONE	NONE	
L 109194		USE ORIGINAL EQUIPMENT HOSE			
L 109425		USE ORIGINAL EQUIPMENT HOSE			
L 111011		USE ORIGINAL EQUIPMENT HOSE			
L 112334		USE ORIGINAL EQUIPMENT HOSE			

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A	155489	87	1	A	166147	45	4	D	25280	545	16
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