

**9030**  
**Excavator**  
Parts Catalog

8-8951

Reprinted

**CASE**

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**VALVES**

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**9030 Excavator**  
**AIR CLEANER SYSTEM**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	152257A1	CLEANER ASSEMBLY - air.....	1
	152387A1	HOUSING ASSEMBLY - air cleaner.....	1
2	NSS	HOUSING - air cleaner.....	1
3	153239A1	ELEMENT - outer, primary.....	1
4	153240A1	ELEMENT - inner, secondary.....	1
5	156497A1	NUT - wing type, with gasket, secondary element.....	1
6	156411A1	NUT - wing type, with gasket, primary element.....	1
7	156412A1	CUP - dust, air cleaner.....	1
8	157163A1	SWITCH - air restriction indicator, was 150675A1.....	1
9	150670A1	CLAMP - inlet pipe to air cleaner.....	1
10	627-10035	BOLT - hex, 10 - 1.5 x 35 mm, class 10.9.....	1
11	892-11010	WASHER - lock, 10 mm.....	5
12	829-1410	NUT - hex, 10 mm - 1.5, class 10.....	1
13	152389A1	COVER - air inlet.....	1
14	152385A1	PIPE - air cleaner inlet.....	1
15	628-10025	BOLT - hex, 10 - 1.5 x 25 mm, class 10.9.....	10
16	150409A1	WASHER - special.....	8
17	895-11010	WASHER - flat, 11 x 21 x 2 mm.....	4
18	152274A1	HOSE - at air cleaner, to engine.....	1
19	152262A1	TUBE - air cleaner to engine.....	1
20	150990A1	PLUG - pipe, air cleaner tube, if used.....	1
21	152269A1	HOSE - at engine, from air cleaner.....	1
22	152782A1	CLAMP - hose.....	3
23	153062A1	CLAMP - hose, at air cleaner.....	1
24	152287A1	BRACKET - tube support, air cleaner end.....	1
25	152280A1	BRACKET - tube support.....	1
26	627-10020	BOLT - hex, 10 - 1.5 x 20 mm, class 10.9.....	2
27	627-12030	BOLT - hex, 12 - 1.75 x 30 mm, class 10.9.....	2
28	150811A1	WASHER - flat, 12 mm.....	2

**9030 Excavator**  
**FRONT GEAR COVER**  
**6T-590 Engine**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	J903794	COVER - gear, front .....	1
2	NSS	SEAL - oil, crankshaft, front, order item 20, J904353 seal kit below .....	1
3	J914385	GASKET - front cover.....	1
4	J920758	HOUSING - timing gear.....	1
5	J916131	GASKET - gear housing.....	1
6	845-8050	BOLT - heavy hex flange, 8 - 1.25 x 50 mm.....	10
7	845-8016	BOLT - heavy hex flange, 8 - 1.25 x 16 mm.....	11-16
7A	J900629	BOLT - small hex flange, special, if used .....	5
8	J900257	PIN - dowel, locating .....	2
9	J919683	HOUSING - timing pin .....	1
10	J915772	SEAL - timing pin housing .....	1
11	J907998	SCREW - round head, special.....	2
12	J903924	PIN - timing.....	1
13	J913994	O-RING - sealing, timing pin.....	1
14	J904849	RING - retaining,timing pin .....	1
15	J919601	GASKET - cover plate .....	1
16	854-12025	BOLT - heavy hex flange, 12 - 1.75 x 25 mm, class 10.9.....	2
17	J914868	PLATE - accessory drive cover .....	1
18	J903463	COVER - front access .....	1
19	J903475	SEAL - cover .....	1
20	J904353	KIT - seal, oil, crankshaft front.....	1
21	NSS	SEAL - oil, crankshaft front .....	1
22	NSS	TOOL - seal installation .....	1
23	NSS	TOOL - seal installation .....	1
24	J912772	RETAINER - belt .....	1
25	845-8060	BOLT - heavy hex flange, 8 - 1.25 x 60 mm.....	1

**9030 Excavator**  
**OIL PUMP AND OIL PAN**  
**6T-590 Engine**

REF.	PART NO.	DESCRIPTION	REQ'D.
	JR926203	PUMP - oil, remanufactured, North America only, replaces JR924720 remanufactured pump .....	1
	JC926203	RETURN NUMBER - use this part number to return pump core for credit when using a remanufactured assembly, replaces JC924720 return number .....	1
1	J926203	PUMP - oil, engine, new, replaces J924720 pump.....	1
2	614-8030	BOLT - hex, 8 - 1.25 x 30 mm .....	4
3	J921992	TUBE - with screen, oil suction.....	1
4	845-8016	BOLT - heavy hex flange, 8 - 1.25 x 16 mm.....	3
5	*J914383	GASKET - mounting, tube.....	1
6	J915703	PAN - oil, engine .....	1
8	J920400	BOLT - hex flange, special .....	36
9	J924148	PLUG - pipe, heater hole, 18 mm, replaces J904386 plug.....	1
10	J902425	WASHER - seal, plug .....	1
11	J924147	PLUG - drain, oil, magnetic, replaces J911638 plug .....	1
12	*J920773	WASHER - seal, drain plug .....	1
13	*NSS	GASKET - oil pan, order A77676 kit shown below .....	1
	*A77676	KIT - gasket, oil pan, includes all items with an asterisk .....	1

**ENGINE OIL HEATER**

	**A77490	KIT - heater, engine oil .....	1
14	J905113	CABLE - engine block heater .....	1
15	NSS	ELEMENT - heater .....	1
16	**J902425	WASHER - sealing .....	1

**\*\*NOTE:** When A77490 kit is ordered, item 16, J902425 washer must also be ordered.

**9030 Excavator**  
**CYLINDER BLOCK**  
**6T-590 Engine**

**2-35**

REF.	PART NO.	DESCRIPTION	REQ'D.
21	J911822	COVER - tappet .....	1
22	J907586	BAFFLE - tappet cover .....	1
23	J907617	GASKET - tappet cover .....	1
24	J918614	HOSE - engine breather, 18.5 ID x 435 mm, if used .....	1
24	121904A1	HOSE - engine breather, 18.5 ID x 1030 mm, if used .....	1
25	J904230	CLAMP - spring hose .....	1
26	J909670	CLIP - retaining .....	1
28	J907712	DIPSTICK - engine oil .....	1
29	J279238	TUBE - oil dipstick, replaces J922886 tube .....	1
30	J905804	BRACE - tube .....	1
31	845-8016	BOLT - heavy hex flange, 8 - 1.25 x 16 mm .....	1
32	825-1408	NUT - hex, 8 mm - 1.25, dipstick tube to brace .....	1
33	1546461C1	SWITCH - engine oil pressure, installed in the No. 1 oil port on the injection pump side of engine .....	1
34	J916625	CONNECTION - water inlet .....	1
35	J906697	O-RING - sealing, 50 mm ID .....	1
36	854-10075	BOLT - heavy hex flange, 10 - 1.5 x 75 mm, class 10.9 .....	3
37	A77429	PLUG - hex socket, 1/2 inch PT .....	2

**ENGINE BLOCK HEATER**

	A77634	KIT - engine block heater .....	1
40	NSS	HEATER - engine block .....	1
41	J905113	CABLE - engine block heater .....	1
42	J910517	O-RING - heater sealing .....	1

**9030 Excavator**  
**ENGINE GASKET KITS**  
**6T-590 Engine**

REF.	PART NO.	DESCRIPTION	REQ'D.
		<b>Valve Grind</b>	
1	*A77793	KIT - gasket, valve grind.....	1
2	J923331	GASKET - thermostat housing.....	1
3	J901097	SEAL - intake and exhaust valves .....	12
4	J901356	GASKET - turbocharger to manifold .....	1
5	J905443	GASKET - exhaust manifold .....	6
6	J914029	GASKET - intake manifold cover .....	1
7	J914388	GASKET - oil drain tube .....	1
8	J902363	SEAL - oil fill cap, not used this application .....	1
9	J902666	SEAL - rocker arm cover.....	6
10	J900808	SEAL - 9 mm injector tip, not used in this application.....	6
11	J903380	SEAL - connector, fuel drain manifold tube .....	6
12	J906659	SEAL - 7 mm, fuel injector tip .....	6
13	J909356	O-RING - fuel injector body.....	6
14	J914856	GASKET - air crossover connection, not used in this application.....	1
15	J823921	GAUGE - bolt length, cylinder head.....	1
16	J282133	O-RING - rocker arm cover bolt, replaces J910824 O-ring.....	6

**Cylinder Block**

17	**A77674	KIT - engine block .....	1
18	J903475	SEAL - front access cover .....	1
19	J914385	GASKET - front gear cover to housing .....	1
20	J916131	GASKET - timing gear housing.....	1
21	J905595	GASKET - timing pin housing, not used in this application.....	1
22	J913994	O-RING - sealing, timing pin.....	1
23	J919601	GASKET - accessory drive cover plate.....	1
24	238-5341	O-RING - 3-1/2 ID x 3/16 inch, water pump to block .....	1
25	J907617	GASKET - tappet cover .....	1
26	J914386	GASKET - seal retainer, crankshaft.....	1
27	J906697	O-RING - sealing, 50 mm ID, water inlet connection.....	1
28	J918256	GASKET - cooler core, oil.....	1
29	J918257	GASKET - filter head .....	1
30	J902425	WASHER - seal, plug, oil pan.....	1
31	J906696	O-RING - engine oil filler, not used in this application .....	1
32	J914389	GASKET - fuel injection pump mounting .....	1
33	J912473	O-RING - flywheel housing to block.....	1
34	J914304	GASKET - fuel lift pump.....	1
35	J900267	SEAL - tappet cover bolt.....	6
36	238-5212	O-RING - 7/8 ID x 1/8 inch, not used in this application .....	1
37	J906695	O-RING - fuel filter stud, 14 mm ID.....	1
38	J906694	O-RING - fuel filter head, 70 mm ID.....	1

**\*NOTE:** When the valve grind gasket kit is used, also order the required cylinder head gasket on page 2-27.

**\*\*NOTE:** For complete engine overhaul, order (1) each of valve grind kit, cylinder block kit, oil pan kit, page 2-25, front and rear crankshaft seal kit, page 2-39 and required cylinder head gasket, page 2-27.

**FUEL INJECTION SYSTEM**

**6T-590 Engine**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	J916972	PUMP ASSEMBLY - fuel injection, parts list page 3-13.....	1
2	REF	INJECTOR ASSEMBLY - fuel, see page 3-15.....	6
3	J906659	SEAL - injector, see page 3-15, item 2.....	6
4	*J905705	TUBE - fuel drain.....	1
5	222-121	TEE - 3/16 inch tube OD (remove and discard nuts and sleeves before assembly).....	1
6	*J905692	TUBE - fuel return, tee to fuel tank.....	2
7	845-8016	BOLT - heavy hex flange, 8 - 1.25 x 16 mm.....	2
8	J900267	SEAL - cover bolt.....	2
9	J909696	TUBE - manifold, fuel drain.....	1
10	J903380	SEAL - connector.....	6
11	J905307	BOLT - banjo drain, special.....	6
12	J909438	TUBE ASSEMBLY - fuel injector, No.1 cylinder.....	1
13	J903486	TUBE ASSEMBLY - fuel injector, No.2 cylinder.....	1
14	J903487	TUBE ASSEMBLY - fuel injector, No.3 cylinder.....	1
15	J903488	TUBE ASSEMBLY - fuel injector, No.4 cylinder.....	1
16	J903489	TUBE ASSEMBLY - fuel injector, No.5 cylinder.....	1
17	J903490	TUBE ASSEMBLY - fuel injector, No.6 cylinder.....	1
18	J917777	BRACKET - fuel tube.....	2
19	J917778	BRACKET - fuel tube.....	1
20	J917747	CLAMP - tube.....	6
21	J904519	BRACE - tube retaining.....	3
22	J903723	WASHER - flat, 5 mm.....	6
23	J917712	BOLT - hex, special.....	6
24	J918109	BOLT - flange hex, bracket retaining.....	3

**\*NOTE:** Fuel tubes, items 4 and 6, bolt to tappet cover, see page 2-35, item 21.

**9030 Excavator**  
**ALTERNATOR - A187916**

REF.	PART NO.	DESCRIPTION	REQ'D.
	A187916	ALTERNATOR ASSEMBLY - engine, for 24 volt system, Bosch No. 0 120 488 206, type K1-28V 3/45A.....	1
1	A187996	HOUSING - collector ring end.....	1
2	A187998	REGULATOR - voltage.....	1
4	A187999	BRUSH ASSEMBLY - alternator.....	1
5	1530431C1	BOLT - with washer, rectifier bridge retaining.....	2
6	3079134R1	CAPACITOR - alternator.....	1
7	1964969C1	SCREW - Fillister, capacitor retaining.....	1
9	A187904	SET - hardware, terminal.....	1
11	A187997	BRIDGE - rectifier, alternator.....	1
12	A187899	SHIELD - alternator.....	1
13	A187504	BOLT - with washer, voltage regulator retaining.....	2
14	A188000	STATOR ASSEMBLY - alternator.....	1
15	A186186	BEARING - ball, rotor, collector ring end.....	1
16	A187502	ROTOR ASSEMBLY - alternator.....	1
17	A187901	PLATE - bearing retaining, drive end cover.....	1
18	A186183	BEARING - ball, rotor, drive end.....	1
	3078897R1	KIT - retaining, rotor.....	1
19	NSS	RING - spacer.....	1
20	NSS	WASHER - rotor shaft.....	1
21	NSS	NUT - rotor shaft.....	1
22	NSS	KEY - pulley retainer, not used in A187916 alternator.....	1
23	NSS	SCREW - bearing retaining plate.....	4
24	A191103	COVER - drive end.....	1
25	A186193	BOLT - cover retaining.....	4
26	221425R1	FAN - alternator, not included with alternator assembly, order separately.....	1
27	J908560	PULLEY - drive, not included with alternator assembly, order separately.....	1
28	J908563	RETAINER - pulley, not included with alternator assembly, order separately.....	1

**INSTRUMENT CLUSTER AND MOUNTING**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	152486A1	COVER - instument panel, dust .....	1
	152386A1	KIT - cover seal .....	1
2	152499A1	SEAL - cushion, horizontal .....	2
3	152502A1	SEAL - cushion, vertical .....	2
4	150818A1	SCREW - special, cover mounting .....	4
5	150875A1	SCREW - special, cluster mounting .....	8
6	151946A1	ASHTRAY - cab .....	1
7	151549A1	GUARD - tube .....	1
8	151688A1	SCREW - pan head, ashtray mounting .....	2
	152464A1	CLUSTER ASSEMBLY - instrument .....	1
9	151714A1	CLUSTER - instrument .....	1
10	150755A1	LAMP - instrument cluster.....	18
11	152805A1	HOURMETER - electric .....	1
12	150764A1	PLATE - backing, instrument cluster.....	1
13	153084A1	COVER - gauge hole .....	1

**9030 Excavator**  
**WINDSHIELD WIPER**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	150849A1	MOTOR - windshield wiper.....	1
	150967A1	WIPER ASSEMBLY - windshield .....	1
2	150851A1	BLADE - wiper .....	1
3	150853A1	ARM - wiper .....	1
4	892-11006	WASHER - lock, 6 mm .....	3
5	840-1612	BOLT - hex head, 6 - 1 x 12 mm .....	3
6	150944A1	SEAL - rubber washer .....	1
7	892-11008	WASHER - lock, 8 mm .....	1
8	829-1408	NUT - hex, 8 mm - 1.25, class 10.....	1
9	151316A1	HARNESS - wiper, upper .....	1
10	151314A1	HARNESS - wiper, lower.....	1
11	840-1312	SCREW - pan head machine, 3 - .5 x 12 mm .....	2
12	892-11003	WASHER - lock, 3 mm .....	2
13	895-11003	WASHER - flat, 3.3 x 7 x .5 mm .....	2
14	824-1403	NUT - hex, 3 mm .....	2

## TRACK CHAIN AND SHOES

REF.	PART NO.	DESCRIPTION	REQ'D.
	156480A1	CHAIN ASSEMBLY - track, with shoes.....	2
1	156481A1	SHOE - track, three bar grouser, 31-1/2 inch wide.....	53
2	156482A1	BOLT - special, track shoe mounting.....	212
3	156483A1	NUT - special, shoe retaining.....	212
	156484A1	CHAIN ASSEMBLY - track.....	1
4	156485A1	LINK - master, track, right hand.....	1
5	156486A1	LINK - master, track, left hand.....	1
6	156487A1	PIN - master link, with head and pin hole.....	1
7	156488A1	SPACER - bushing, master pin.....	2
8	156489A1	BUSHING - master pin.....	1
9	156490A1	PIN - lock, master track pin.....	1
10	156491A1	LINK - track, standard, right hand.....	52
11	156492A1	LINK - track, standard, left hand.....	52
12	156493A1	PIN - track, standard.....	52
13	156494A1	BUSHING - track, standard.....	52

## ALPHABETICAL INDEX POWER TRAIN

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## 155808A1 TRACK DRIVE MOTOR COVER AND VALVES

REF.	PART NO.	DESCRIPTION	REQ'D.
	155808A1	MOTOR ASSEMBLY - track drive, includes parts on pages 6-9 and 6-11 .....	2
	156324A1	CAP ASSEMBLY - check valve .....	2
1	NSS	PLUG - valve cap .....	1
2	154455A1	O-RING - plug to valve cap .....	1
3	NSS	SPRING - ball return .....	1
4	NSS	BALL - steel, valve cap .....	1
5	861-12040	BOLT - hex socket, 12 - 1.75 x 40 mm.....	4
6	156325A1	CAP - check valve .....	1
7	154589A1	O-RING - cap to cover.....	1
8	156111A1	SEAT - spring .....	2
9	NSS	BODY - check valve.....	2
10	NSS	O-RING - check valve body .....	2
11	156110A1	SEAT - spring, check valve, plunger end.....	2
12	NSS	SPRING - check valve .....	1
13	NSS	VALVE - check.....	2
14	NSS	SPOOL - check valve .....	1
15	155483A1	PLUG - port.....	2
16	154487A1	O-RING - port plug.....	2
17	NSS	PLATE - valve base .....	1
18	151026A1	PLUG - port.....	2
19	155482A1	FITTING - 2-speed control.....	1
20	154475A1	O-RING - fitting .....	1
21	155949A1	SPOOL - 2-speed control valve .....	1
22	NSS	PLUG - at 2-speed control valve.....	2
23	156088A1	SPRING - 2-speed control valve.....	1
24	154487A1	O-RING - plug .....	1
25	155483A1	PLUG - 2-speed control valve.....	1
	155791A1	VALVE ASSEMBLY - relief, track drive motor .....	2
26	NSS	BODY ASSEMBLY - relief valve, less seals and rings.....	1
27	155225A1	O-RING - relief valve, outer.....	1
28	154495A1	O-RING - relief valve, center.....	1
29	153976A1	RING - backup, relief valve center O-ring .....	6
30	154478A1	O-RING - relief valve, inner.....	1
31	153964A1	RING - backup, relief valve, inner O-ring .....	2
32	156087A1	SPRING - check valve .....	2

**AUXILIARY HYDRAULIC CONTROLS**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	152529A1	GROMMET - rubber .....	2
2	156644A1	MAT - floor.....	1
3	156651A1	LEVER - auxiliary control.....	1
4	156652A1	PIN - clevis .....	1
5	156467A1	PIN - cotter .....	1
6	156653A1	SPRING - lever return .....	1
7	156650A1	BRACKET - mounting, auxiliary control.....	1
8	150403A1	BOLT - hex socket, bracket retaining .....	4
9	150524A1	PEDAL - auxiliary control.....	1
10	156647A1	BRACKET - pedal mounting.....	1
11	150604A1	WASHER - special .....	4
12	150555A1	BOLT - special, pedal mounting .....	4
13	156648A1	BOLT - special.....	2
14	156649A1	NUT - special.....	2
15	156645A1	BELLCRANK - auxiliary control .....	1
16	150505A1	BEARING - needle, bellcrank.....	2
17	156646A1	PIN - bracket mounting.....	1
18	738-1632	PIN - roll, 6 x 32 mm.....	1
19	156654A1	BRACKET - cable support.....	1
20	150409A1	WASHER - special .....	2
21	627-10020	BOLT - hex, 10 - 1.5 x 20 mm, class 10.9.....	4
22	151963A1	CONNECTOR - 90 degree, cable end to bellcrank .....	1
23	892-11008	WASHER - lock, 8 mm .....	1
24	829-1408	NUT - hex, 8 mm - 1.25, class 10.....	1
25	153443A1	CABLE - control, auxiliary hydraulic .....	1
26	157200A1	BRACKET - cable support, at control valve.....	1
27	863-10025	BOLT - hex socket, 10 - 1.5 x 25 mm, class 12.9.....	2
28	153450A1	CLEVIS - cable, at valve .....	1

**9030 Excavator**  
**BASIC HYDRAULIC CIRCUIT**  
**PUMP TO VALVE**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	153442A1	TUBE - pressure line, at valve, right hand side .....	1
2	153443A1	TUBE - pressure line, at valve, left hand side .....	1
3	153441A1	HOSE - pressure line to valve, at pump .....	2
4	150678A1	O-RING - pressure line hose at pump .....	2
5	153459A1	FLANGE - split .....	4
6	628-10035	BOLT - hex, 10 - 1.5 x 35 mm, class 10.9 .....	8
7	892-10010	WASHER - lock, 10 mm .....	8
8	861-10035	BOLT - hex socket, 10 - 1.5 X 35 mm, class 12.9 .....	8
9	154548A1	O-RING - pressure line tube to valve .....	2
10	626-12035	BOLT - hex, 12 - 1.75 x 35 mm, class 10.9 .....	2
11	828-12070	BOLT - hex, 12 - 1.75 x 70 mm, class 10.9 .....	1
12	829-1312	NUT - hex, 12 mm - 1.75, class 10 .....	3
13	152498A1	CLAMP - tube .....	1
14	153452A1	BRACKET - tube clamp mounting .....	1
15	150988A1	WASHER - special .....	5

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**153584A1 EQUIPMENT PUMP  
PRESSURE REDUCING AND RELIEF VALVES AND PILOT GEAR  
PUMP**

REF.	PART NO.	DESCRIPTION	REQ'D.
<b>156628A1 PRESSURE REDUCING VALVE</b>			
1	156628A1	VALVE ASSEMBLY - pressure reducing.....	1
2	NSS	SOLENOID - pressure reducing valve.....	1
3	*155188A1	O-RING - seal, solenoid to regulator cover.....	1
4	NSS	PISTON - valve.....	1
5	NSS	SPRING - piston return.....	1
6	NSS	RING - retaining.....	1
7	NSS	RING - backup.....	1
8	*155185A1	O-RING - seal, inner.....	1
9	*155203A1	O-RING - seal, center.....	1
10	*155187A1	O-RING - seal, outer stem.....	1
11	NSS	BODY - valve.....	1
<b>156625A1 PILOT GEAR PUMP</b>			
12	156625A1	PUMP ASSEMBLY - pilot gear.....	1
13	861-10050	BOLT - hex socket, 10 - 1.25 x 50 mm, class 12.9.....	5
14	861-10030	BOLT - socket head, 10 - 1.5 x 30 mm, class 12.9.....	1
15	NSS	BODY - pump.....	1
16	NSS	PLATE - wear.....	1
17	159381A1	SEAL - wear plate.....	2
18	NSS	RETAINER - seal.....	2
19	NSS	PLATE - shaft guide.....	1
20	NSS	BUSHING - thin wall.....	4
21	NSS	GEAR - driven.....	1
22	NSS	PIN - dowel.....	2
23	*156626A1	O-RING - seal.....	2
24	NSS	PLATE - mounting.....	1
25	*154489A1	O-RING - seal.....	2
26	*154469A1	O-RING - seal.....	2
27	NSS	GEAR - drive.....	1
28	156627A1	COUPLING - pilot gear pump.....	1
<b>157410A1 RELIEF VALVE ASSEMBLY</b>			
29	157410A1	VALVE ASSEMBLY - relief.....	1
30	NSS	SPOOL - valve.....	1
31	NSS	SPRING - outer.....	1
32	NSS	SPRING - inner.....	1
33	NSS	POPPET - relief.....	1
34	NSS	BODY - relief valve.....	1
35	NSS	NUT - adjusting.....	1
36	NSS	SCREW - adjusting.....	1
37	NSS	RING - backup.....	1
38	NSS	O-RING - seal.....	1
39	NSS	SPRING - relief.....	1
40	*156630A1	RING - backup.....	1
41	*156631A1	O-RING - seal, relief.....	1
42	NSS	RING - retaining, spool.....	1
	156637A1	KIT - seal, equipment pump, includes part numbers preceded by an asterisk on pages 8-15 thru 8-23.....	1

## HYDRAULIC CONTROL CIRCUIT PILOT LINES AT CONTROL VALVE

REF.	PART NO.	DESCRIPTION	REQ'D.
1	150913A1	ELBOW - 90 degree, hydraulic.....	2
2	154467A1	O-RING - elbow, was 150960A1.....	1
3	153592A1	HOSE - equipment pump to valve.....	1
4	151888A1	HOSE - lower port of equipment pump to rear of control valve.....	1
5	150071A1	STRAP - tie .....	UAR
6	152660A1	GUARD - hose .....	2
7	153596A1	ADAPTER - 90 degrees, hydraulic.....	4
8	153412A1	BUSHING - reducer.....	4
9	154467A1	O-RING - reducer bushing, was 150960A1 .....	1
10	153494A1	BUSHING - reducer, special, with orifice.....	1
11	154475A1	O-RING - reducer bushing.....	1
12	153498A1	HOSE - pilot, equipment control valve.....	1
13	153499A1	BUSHING - reducer.....	1
14	154475A1	O-RING - reducer bushing.....	1
15	151731A1	ELBOW - 90 degree, hydraulic.....	2
16	153479A1	TUBE - pilot, dual flow .....	1
17	153478A1	TUBE - pilot, dual flow .....	1
18	151693A1	CONNECTOR - straight, hydraulic.....	2
19	154467A1	O-RING - connector, was 150960A1 .....	1
20	153497A1	BUSHING - reducer.....	1
21	154467A1	O-RING - reducer bushing, was 150960A1 .....	1
22	152129A1	CONNECTOR - straight, hydraulic.....	1
23	152155A1	ELBOW - 90 degree, hydraulic.....	1
24	152135A1	TEE - hydraulic.....	1
25	152362A1	HOSE - pilot, equipment control valve.....	1
26	150933A1	ELBOW - 45 degree, hydraulic.....	1
27	154467A1	O-RING - elbow, was 150960A1.....	1

**150425A1 SOLENOID VALVE**

REF.	PART NO.	DESCRIPTION	REQ'D.
	150425A1	VALVE ASSEMBLY - solenoid.....	1
1	156174A1	BOLT - hex socket, solenoid to spool housing.....	4
2	156176A1	SCREW - name plate mounting.....	2
3	NSS	PLATE - name .....	1
4	NSS	HOUSING - spool .....	1
5	156279A1	COVER - closed end .....	1
6	156175A1	BOLT - hex socket, cover mounting.....	4
7	156044A1	SPRING - spool end .....	2
8	155205A1	O-RING - spring retainer.....	2
9	NSS	RETAINER - spring.....	2
10	150125A1	BOLT - hex socket, special.....	4
11	NSS	SPOOL - valve .....	1
12	155185A1	O-RING - port seal.....	4
13	NSS	SOLENOID - valve.....	1

**SWING MOTOR AND MOUNTING**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	150317A1	PIN - alignment, headed.....	1
2	150996A1	WASHER - special .....	47
3	828-20075	BOLT - hex, 20 - 2.5 x 75 mm, class 10.9.....	11

**PRIOR TO PIN DAC0300273**

4	150397A1 156511A1	MOTOR ASSEMBLY - swing, with reduction gear..... MOTOR ASSEMBLY - swing, without reduction gear, identify with relief on each side of valve housing and without dipstick, not as shown on page 8-48, see pages 8-51 and 8-53 for identification and component parts, no longer used, order 155780A1 motor (ref 5).....	1 1
5	155780A1	MOTOR ASSEMBLY - swing, without reduction gear, identify with reliefs on same side of valve housing as shown and with dipstick, parts list page 8-55.....	1
6	156502A1	GEAR ASSEMBLY - swing reduction, with dipstick, parts list page 8-87, no longer used, order 150397A1 motor assembly with reduction gear for service.....	1
7	155826A1	GEAR ASSEMBLY - swing reduction, without dipstick, parts list page 8-89 .....	1

**PIN DAC0300273 AND AFTER**

8	158772A1 160644A1	MOTOR ASSEMBLY - swing, with reduction gear..... MOTOR ASSEMBLY - swing, parts list page 8-57 .....	1 1
9	155826A1	GEAR ASSEMBLY - swing reduction, parts list page 8-89.....	1

**CONTROL VALVE MOUNTING**

REF.	PART NO.	DESCRIPTION	REQ'D.
	153561A1	VALVE ASSEMBLY - hydraulic control, with clevis pins, for models with 7-3/4 or 9-2/3 foot arm.....	1
	158374A1	VALVE ASSEMBLY - hydraulic control, with clevis pins, for models with 22-1/2 foot (long reach) arm.....	1
1	153562A1	VALVE ASSEMBLY - hydraulic control, without clevis pins, for models with 7-3/4 or 9-2/3 foot arm, parts list pages 8-61 - 8-67 .....	1
1	158022A1	VALVE ASSEMBLY - hydraulic control, without clevis pins, for models with 22-1/2 foot (long reach) arm, parts list pages 8-61 thru 8-67 .....	1
2	150842A1	PIN - clevis.....	3
3	732-2516	PIN - cotter, 2.5 x 16 mm.....	3
4	895-11008	WASHER - flat, 9 x 17 x 1.6 mm.....	3
5	626-16040	BOLT - hex, 16 - 2 x 40 mm, class 10.9.....	4
6	150991A1	WASHER - special .....	4
7	150570A1	WASHER - flat, valve mounting.....	4
8	150575A1	WASHER - flat, valve mounting.....	4

## BOOM HYDRAULIC CIRCUIT CONTROL VALVE TO BASE OF BOOM

REF.	PART NO.	DESCRIPTION	REQ'D.
1	861-10035	BOLT - hex socket, 10 - 1.5 X 35 mm, class 12.9.....	12
2	153570A1	TUBE - flanged, at control valve boom section, rear port, to boom hold valve .....	1
3	154548A1	O-RING - seal, tube.....	3
4	861-10030	BOLT - socket head, 10 - 1.5 x 30 mm, class 12.9 .....	4
5	153572A1	TUBE - flanged, at control valve boom section, front port .....	1
6	151099A1	O-RING - tube to valve, boom section, front port .....	1
7	153558A1	VALVE ASSEMBLY - holding, boom, parts list page 8-71 .....	1
8	153560A1	BRACKET - boom hold valve mounting .....	2
9	828-10090	BOLT - hex, 10 - 1.5 x 90 mm, class 10.9.....	2
10	628-10030	BOLT - hex, 10 - 1.5 x 30 mm, class 10.9.....	2
11	150732A1	WASHER - special .....	4
12	829-1310	NUT - hex, 10 mm - 1.5, class 10.....	2
13	1970963C1	BOLT - hex, 12 - 1.75 x 75 mm, class 10.9.....	1
14	153507A1	BRACKET - tube support .....	1
15	153186A1	CLAMP - tube, double .....	1
16	626-12025	BOLT - hex, 12 - 1.75 x 25 mm, class 10.9.....	1
17	150988A1	WASHER - special .....	2
18	829-1312	NUT - hex, 12 mm - 1.75, class 10.....	1
19	153571A1	TUBE - flanged, at boom hold valve to boom cylinder .....	1
20	828-12065	BOLT - hex, 12 - 1.75 x 65 mm, class 10.9.....	1
21	152085A1	CLAMP - tube, double .....	1
22	150988A1	WASHER - special .....	1
23	829-1312	NUT - hex, 12 mm - 1.75, class 10.....	1
24	153501A1	BRACKET - tube support .....	1
25	626-12025	BOLT - hex, 12 - 1.75 x 25 mm, class 10.9.....	2
26	150988A1	WASHER - special .....	2

**9030 Excavator**  
**ARM CYLINDER**

**8-79**

REF.	PART NO.	DESCRIPTION	REQ'D.
	151966A1	CYLINDER ASSEMBLY - arm.....	1
	155869A1	ROD ASSEMBLY - cylinder.....	1
1	NSS	ROD - cylinder.....	1
2	153866A1	BUSHING - cylinder rod.....	1
3	155144A1	WIPER - piston rod pin.....	2
4	863-22075	BOLT - hex socket, 22 - 2.5 x 75 mm, class 12.9.....	8
5	*158377A1	WIPER - piston rod.....	1
6	*155327A1	SEAL - piston rod.....	1
7	*155238A1	RING - backup, U-cup seal.....	1
8	*155112A1	SEAL - U-cup, piston rod.....	1
9	*155148A1	RING - buffer, piston rod.....	1
	155874A1	GLAND ASSEMBLY - cylinder.....	1
10	155418A1	BUSHING - gland.....	1
11	155706A1	RING - retaining, gland bushing.....	1
12	NSS	GLAND - cylinder.....	1
13	*155233A1	RING - backup, gland seal.....	1
14	*154776A1	SEAL - gland to tube.....	1
15	155529A1	TUBE - hydraulic, gland end.....	1
16	628-10035	BOLT - hex, 10 - 1.5 x 35 mm, class 10.9.....	4
17	892-10010	WASHER - lock, 10 mm.....	4
18	156375A1	CLAMP - band, plain half.....	2
19	156378A1	CLAMP - band, tube support half.....	2
20	155716A1	CLAMP - tube.....	2
21	156227A1	WASHER - lock, special.....	2
22	158131A1	BOLT - hex, special.....	2
23	155727A1	BEARING - cushion.....	1
24	156510A1	PISTON - cylinder.....	1
25	*155312A1	SEAL - piston.....	1
26	*155321A1	RING - wear, piston, inner.....	2
27	*155307A1	RING - wear, piston, outer.....	2
28	*155722A1	WASHER - special.....	1
29	156220A1	NUT - piston retaining.....	1
30	155977A1	BALL - steel, nut locking.....	1
31	156223A1	SCREW - set, special.....	1
32	863-12055	BOLT - hex socket, 12 - 1.75 x 55 mm, class 12.9.....	8
33	154543A1	SEAL - o-ring, hydraulic tube.....	2
34	155530A1	ADAPTER - 90 degree, hydraulic tube, cylinder tube end.....	1
35	155144A1	WIPER - tube mounting pin.....	2
	155864A1	TUBE ASSEMBLY -cylinder.....	1
36	153866A1	BUSHING - tube.....	1
37	NSS	TUBE - cylinder.....	1
38	153912A1	FITTING - grease, 90 degree.....	1
	158378A1	KIT - seal, includes all items with an asterisk.....	1

## 155826A1 SWING REDUCTION GEAR ASSEMBLY

REF.	PART NO.	DESCRIPTION	REQ'D.
	155826A1	GEAR ASSEMBLY - reduction, swing.....	1
1	NSS	SHAFT - drive .....	1
2	155683A1	COLLAR - shaft .....	1
3	155685A1	RING - retaining.....	1
4	156356A1	PLATE - shaft end .....	1
5	156157A1	BEARING - roller.....	1
6	NSS	HOUSING - gear assembly.....	1
7	151022A1	PLUG - housing .....	2
8	155684A1	SPACER - bearing.....	1
9	155686A1	RING - retaining.....	1
10	155107A1	SEAL - oil .....	1
11	156129A1	BEARING - roller, inner.....	1
12	155621A1	PIN - ring gear to housing.....	4
13	155268A1	GEAR - ring .....	1
14	155272A1	GEAR - primary.....	1
15	155269A1	GEAR - secondary.....	1
	155827A1	CARRIER ASSEMBLY - planetary, secondary.....	1
16	NSS	CARRIER - planetary .....	1
17	738-1825	PIN - roll, 8 x 25 mm.....	3
18	155270A1	GEAR - planetary carrier.....	3
19	155382A1	PLATE - thrust.....	3
20	155381A1	BUSHING - carrier.....	3
21	155359A1	SHAFT - gear .....	3
	155812A1	CARRIER ASSEMBLY - planetary, primary .....	1
22	155384A1	BUSHING - pin.....	4
23	155271A1	GEAR - planetary carrier.....	4
24	155383A1	PLATE - thrust.....	4
25	738-11025	PIN - roll, 10 x 25 mm.....	4
26	NSS	CARRIER - planetary, primary .....	1
27	155360A1	SHAFT - gear .....	4
28	151030A1	PLUG - housing .....	1
29	828-12150	BOLT - hex socket, 12 - 1.75 x 150 mm, class 10.9.....	16
30	892-10012	WASHER - lock, 12 mm.....	16

**TURNTABLE**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	152437A1	PLATFORM - turntable, left hand, prior to P.I.N. DAC0300004 .....	1
1	157162A1	PLATFORM - turntable, left hand, P.I.N. DAC0300004 and after .....	1
2	152425A1	FRAME - boom mounting .....	1
3	152421A1	PLATFORM - turntable, right hand .....	1
4	150508A1	BOSS - hydraulic tube retaining .....	8-12
5	150486A1	CLIP - electrical harness .....	9
6	829-1310	NUT - hex, 10 mm - 1.5, class 10, if used .....	2

**UPPER STRUCTURE**  
**Hood and Insulation Pads, Cont.**

REF.	PART NO.	DESCRIPTION	REQ'D.
42	153143A1	COVER - center, left hand.....	1
43	153144A1	PAD - insulation.....	1
44	153146A1	PAD - insulation.....	1
45	153148A1	PAD - insulation.....	1
46	152918A1	PAD - insulation.....	1
47	152772A1	HOLDER - grease gun .....	2
48	151161A1	WASHER - special .....	10
49	627-12025	BOLT - hex, 12 - 1.75 x 25 mm, class 10.9.....	10
50	896-11012	WASHER - flat, 13.5 x 24 x 3 mm, hardened .....	2
51	892-11012	WASHER - lock, 12 mm .....	2
52	627-12025	BOLT - hex, 12 - 1.75 x 25 mm, class 10.9.....	2

**RIGHT-HAND CONTROL LINKAGE**

REF.	PART NO.	DESCRIPTION	REQ'D.
	152122A1	CONSOLE ASSEMBLY - control, right hand.....	1
1	151788A1	CONSOLE - control, right hand .....	1
2	151779A1	BRACKET - end cover mounting .....	1
3	151775A1	COVER - top end, right hand console.....	1
4	151159A1	SCREW - special .....	2
5	152025A1	SCREW - special .....	2
6	152670A1	RAIL - slide, right hand outer .....	1
7	152669A1	RAIL - slide, right hand inner .....	1
8	152406A1	BRACKET - mounting.....	1
9	627-8020	BOLT - hex, 8 - 1.25 x 20 mm, class 10.9 .....	4
10	892-11008	WASHER - lock, 8 mm.....	8
11	829-1408	NUT - hex, 8 mm - 1.25, class 10 .....	4
12	627-8016	BOLT - hex, 8-1.25 x 16, class 10.9 .....	4
13	151972A1	CABLE - latch ... ..	1
14	153077A1	PIN - cotter.....	1
15	151948A1	LINK - console latch.....	1
16	151964A1	PIN - special .....	1
17	151372A1	WASHER - special.....	1
18	895-11005	WASHER - flat, 5.3 mm .....	1
19	825-1405	NUT - hex, 5 mm - .8 .....	2
20	892-11003	WASHER - lock, 3 mm.....	1
21	840-1316	SCREW - round head machine, 3 - .5 x 16 mm.....	1
22	151956A1	BRACKET - link mounting.....	1
23	151389A1	WASHER - special.....	1
24	895-11010	WASHER - flat, 11 x 21 x 2 mm.....	1
25	800-1110	RING - retaining, external, 10 mm .....	1
26	895-11006	WASHER - flat, 6 mm .....	5
27	892-11006	WASHER - lock, 6 mm.....	5
28	840-1612	BOLT - hex head, 6 - 1 x 12 mm.....	2
29	151358A1	PIN - spring tension .....	1
30	151364A1	SPRING - latch rod .....	1
31	152126A1	ROD - latch, threaded.....	1
32	151348A1	LATCH - handle, top cover .....	1
33	733-2012	PIN - cotter, 2 x 12 mm.....	1
34	627-6012	BOLT - hex, 6 x 12 mm, class 10.9.....	3

**9030 Excavator**  
**HEATER AND HOSES**

9-37

REF.	PART NO.	DESCRIPTION	REQ'D.
1	152815A1	HEATER - cab .....	1
2	151848A1	SWITCH - heater .....	1
3	152639A1	HOSE - heater supply .....	1
4	150496A1	STRAP - tie .....	UAR
5	152429A1	HOSE - heater return .....	1
6	150384A1	CLAMP - hose .....	4
7	627-10020	BOLT - hex, 10 - 1.5 x 20 mm, class 10.9 .....	4
8	892-11010	WASHER - lock, 10 mm .....	4
9	895-11010	WASHER - flat, 11 x 21 x 2 mm .....	4
10	150440A1	GUARD - heater hose .....	3
11	151588A1	CONNECTOR - straight, heater return line at tank .....	1
12	150383A1	ELBOW - 90 degree, heater return line at tank .....	1
13	151582A1	CONNECTOR - straight, heater supply hose at engine .....	1
14	152664A1	VALVE - water shut-off to heater .....	1
15	152159A1	ELBOW - 90 degree, heater supply hose at engine .....	1
16	150443A1	GUARD - heater supply hose at engine .....	1

**CAB WINDSHIELD, LOWER FRONT WINDOW AND OVERHEAD DOOR**

REF.	PART NO.	DESCRIPTION	REQ'D.
	152792A1	CAB ASSEMBLY - operators, includes items 1-42 this page and items 1-8 on page 9-45 .....	1
	152646A1	WINDSHIELD ASSEMBLY - cab .....	1
1	152427A1	FRAME - windshield .....	1
2	825-1405	NUT - hex, 5 mm - .8 .....	7
3	152741A1	STOP - rubber .....	2
4	152392A1	ROLLER - track, windshield top .....	2
5	152390A1	ROLLER - track, windshield bottom .....	2
6	151807A1	HANDLE - grab, inside, cab windshield .....	2
7	152458A1	SCREW - special, handle retaining .....	4
8	152292A1	BRACKET - roller mounting, lower right-hand .....	1
9	152297A1	BRACKET - roller mounting, lower left-hand .....	1
10	152434A1	BOLT - special, roller bracket mounting .....	12
11	152530A1	COVER - bolt .....	12
12	152279A1	BRACKET - roller mounting, upper right-hand .....	1
13	152284A1	BRACKET - roller mounting, upper left-hand .....	1
14	152379A1	CATCH - windshield, upper right-hand .....	1
15	152380A1	CATCH - windshield, upper left-hand .....	1
16	152415A1	BRACKET - wiper mounting .....	1
17	152482A1	SCREW - special .....	6
18	152716A1	GUARD - frame bottom .....	1
19	152817A1	GUARD - trim, frame top .....	1
20	152228A1	SEAL - glass to frame .....	1
21	152930A1	GLASS - windshield .....	1
22	152376A1	GUARD - catch pin .....	2
	152703A1	WINDOW ASSEMBLY - lower front .....	1
23	152523A1	FRAME - lower front window .....	1
24	152527A1	SEAL - rubber, window glass .....	1
25	152561A1	GLASS - lower front window .....	1
26	152547A1	LATCH - window .....	2
27	152482A1	SCREW - special .....	8
28	152666A1	SPACER - window mounting .....	2
29	152822A1	TRIM - rubber, right-hand .....	1
30	152823A1	TRIM - rubber, left-hand .....	1
	152663A1	DOOR ASSEMBLY - cab, overhead hinged .....	1
31	152657A1	DOOR - cab, overhead hinged .....	1
32	151807A1	HANDLE - grab, inside, overhead door .....	1
33	152458A1	SCREW - special, handle retaining .....	2
34	152413A1	LATCH - overhead door .....	2
35	152472A1	NUT - special .....	4
36	152528A1	GUARD - latch bolt .....	2
37	152540A1	BOLT - special .....	4
38	152727A1	PAD - insulation, front .....	1
39	152730A1	PAD - insulation, rear .....	1
40	152826A1	GUARD - rubber, right-hand front .....	1
41	152828A1	GUARD - rubber, left-hand front .....	1
42	152830A1	CLIP - guard retaining .....	4
43	152260A1	GUIDE - track, windshield .....	2
44	152697A1	RIVET - guide assembly .....	4
45	152814A1	SPRING - guide, window storage .....	2

## 9-2/3 FOOT ARM AND LINKAGE

REF.	PART NO.	DESCRIPTION	REQ'D.
	153773A1	ARM ASSEMBLY - standard, 9-2/3 foot.....	1
1	NSS	ARM - standard, 9-2/3 foot .....	1
2	NSS	BOSS - arm, bucket end.....	2
3	NSS	BOSS - arm, boom mounting.....	1
4	NSS	FITTING - lubrication, tube weldment, at bucket end .....	1
6	153754A1	MOUNT - tube, cage nut weldment, side.....	2
7	153732A1	MOUNT - tube, cage nut weldment, top .....	4
8	153742A1	BUSHING - arm to bucket, was 151421A1.....	2
9	151442A1	BUSHING - boom to arm.....	2
10	151437A1	BUSHING - link to arm.....	2
11	150033A1	SEAL - dust, link to arm.....	2
12	150086A1	SEAL - dust, boom to arm .....	2
13	153630A1	FITTING - grease, straight.....	1
14	153631A1	FITTING - grease, straight.....	1
15	152033A1	PIN - arm cylinder to arm.....	1
16	514-1216	BOLT - hex, 20 - 1.5 x 160 mm, class 10.9.....	1
17	825-11420	NUT - hex, 20 mm - 1.5.....	2
18	152710A1	CYLINDER ASSEMBLY - bucket, parts list page 8-81.....	1
19	152343A1	SHIM - bucket cylinder mounting, closed end.....	UAR
20	151391A1	PIN - bucket cylinder mounting, closed end.....	1
21	514-1032	BOLT - hex, 16 - 1.5 x 140 mm, class 10.9.....	1
22	825-11416	NUT - hex, 16 mm - 1.5.....	2
23	156465A1	LINK - center, bucket, was 153768A1 .....	1
24	151432A1	BUSHING - bucket center link.....	4
25	150033A1	SEAL - dust, bucket center link bushings and bucket to arm.....	8
26	153630A1	FITTING - grease, straight.....	3
27	151239A1	LINK - at arm, bucket end, left hand outer.....	1
28	151246A1	LINK - at arm, bucket end, right hand outer .....	1
29	150135A1	O-RING - arm to bucket.....	2
30	153740A1	PIN - arm to bucket .....	1
31	150172A1	O-RING - center link to bucket .....	2
32	153741A1	PIN - center link to bucket .....	1
33	153748A1	BOLT - hex, pin lock, at bucket ear .....	2
34	153749A1	RING - wire.....	2
35	151379A1	PIN - center link to outer links.....	1
36	152007A1	PIN - outer links to arm.....	1
37	153630A1	FITTING - grease, straight.....	1
38	514-1032	BOLT - hex, 16 - 1.5 x 140 mm, class 10.9.....	2
39	825-11416	NUT - hex, 16 mm - 1.5.....	4
40	861-12040	BOLT - hex socket, 12 - 1.75 x 40 mm, class 12.9.....	4
41	112312A1	WASHER - lock, special.....	4
42	152026A1	PLATE - end, bucket mounting .....	1
43	152029A1	SHIM - end plate, 0.05 inch thick.....	UAR
44	837-12040	PIN - dowel, hardened, 12 x 40 mm.....	2

**DECALS****MODEL IDENTIFICATION AND STRIPING**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	158326A1	DECAL - CASE, on boom, left hand.....	1
2	158325A1	DECAL - CASE, on boom, right hand.....	1
3	158331A1	DECAL - striping, right hand front.....	1
4	158165A1	DECAL - 9030, right hand side, with striping.....	1
5	158316A1	DECAL - striping, right rear corner .....	1
6	158327A1	DECAL - CASE, rear .....	1
7	158306A1	DECAL - 9030, left hand side, with striping.....	1
8	158316A1	DECAL - striping, left hand side, center .....	1
9	158324A1	DECAL - striping, left hand front.....	1
10	158318A1	DECAL - striping, left rear corner .....	1

**CENTRAL FABRICATORS BUCKETS  
GENERAL PURPOSE AND HEAVY DUTY - DITCH**

REF.	PART NO.	DESCRIPTION	REQ'D.
<b>Ditch Bucket Assembly - General Purpose For Models With Long Reach 22-1/2 Foot Arm</b>			
	*REF	BUCKET - 48 inch (1219 mm), 0.67 cu. yd. ....	1
	*REF	BUCKET - 60 inch (1524 mm), 0.90 cu. yd. ....	1
1	122700A1	BUSHING - bucket, with locking collar.....	2
2	122696A1	BUSHING - bucket, adjustable .....	1
3	837-10025	PIN - dowel, 10 x 25 mm.....	1
4	122697A1	SHIM - plate mounting, 0.039 inch thick .....	UAR
5	122698A1	SHIM - plate mounting, 0.020 inch thick .....	UAR
6	122699A1	PLATE - bushing.....	1
7	892-11014	WASHER - lock, 14 mm.....	3
8	862-14050	BOLT - hex socket, 14 - 2 x 50 mm .....	3
9	125034A1	EDGE - cutting, center, 48 inch (1219 mm) bucket .....	1
9	125035A1	EDGE - cutting, center, 60 inch (1524 mm) bucket .....	1

**Ditch Bucket Assembly - Heavy Duty  
For Models With 7-3/4 or 9-2/3 Foot Arm**

	*REF	BUCKET - 60 inch (1524 mm), 0.90 cu. yd. ....	1
	*REF	BUCKET - 72 inch (1829 mm), 1.06 cu. yd. ....	1
10	122705A1	BUSHING - bucket, with locking collar.....	2
11	122708A1	BUSHING - bucket, adjustable .....	1
12	37-1816	PIN - dowel, 1/2 x 1 inch .....	1
13	122702A1	SHIM - plate mounting, 0.039 inch thick .....	UAR
14	122703A1	SHIM - plate mounting, 0.020 inch thick .....	UAR
15	122704A1	PLATE - bushing.....	1
16	429-11062	WASHER - lock, 5/8 inch.....	3
17	361-36232	BOLT - hex socket, 5/8 NC x 2 inch.....	3
18	125035A1	EDGE - cutting, center, 60 inch (1524 mm) bucket .....	1
18	125036A1	EDGE - cutting, center, 72 inch (1829 mm) bucket .....	1

**\*NOTE:** Order bucket assembly from Machinery Price List.

**HENSLEY BUCKET T00TH OPTIONS**

REF.	PART NO.	DESCRIPTION	REQ'D.
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**WITH 1-1/2 INCH LIP ADAPTER**

**For General Purpose and Heavy Duty Central Fabricator  
or General Purpose H & H Buckets**

1	122668A1	TOOTH - standard point.....	UAR
2	126934A1	TOOTH - tiger point.....	UAR
3	126936A1	TOOTH - twin tiger point.....	UAR
4	126939A1	TOOTH - flared point.....	UAR
5	122669A1	PIN - flex, point to shank, standard .....	UAR
5A	176552A1	PIN - steel, point to shank, service option .....	UAR
6	122670A1	SHANK - tooth.....	UAR

**WITH 1-1/2 INCH LIP ADAPTER**

**For Heavy Duty H & H Buckets**

7	122674A1	TOOTH - standard point.....	UAR
8	126943A1	TOOTH - tiger point.....	UAR
9	126946A1	TOOTH - twin tiger point.....	UAR
10	127220A1	TOOTH - flared point.....	UAR
11	122669A1	PIN - flex, point to shank, standard .....	UAR
11A	176552A1	PIN - steel, point to shank, service option .....	UAR
12	122676A1	SHANK - tooth.....	UAR

**WITH 2 INCH LIP ADAPTER - STANDARD**

**For Severe Duty Central Fabricator Buckets**

13	122671A1	TOOTH - standard point.....	UAR
14	127221A1	TOOTH - tiger point.....	UAR
15	127222A1	TOOTH - twin tiger point.....	UAR
16	127223A1	TOOTH - flared point.....	UAR
17	122672A1	PIN - flex, point to shank, standard .....	UAR
17A	176554A1	PIN - steel, point to shank, service option .....	UAR
18	122673A1	SHANK - tooth.....	UAR

**WITH 2 INCH LIP ADAPTER - SEVERE DUTY**

**For Severe Duty Central Fabricator Buckets**

19	127225A1	TOOTH - standard point.....	UAR
20	127226A1	TOOTH - tiger point.....	UAR
21	127227A1	TOOTH - twin tiger point.....	UAR
22	127228A1	TOOTH - flared point.....	UAR
23	127229A1	PIN - flex, point to shank .....	UAR
24	127224A1	SHANK - tooth.....	UAR

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