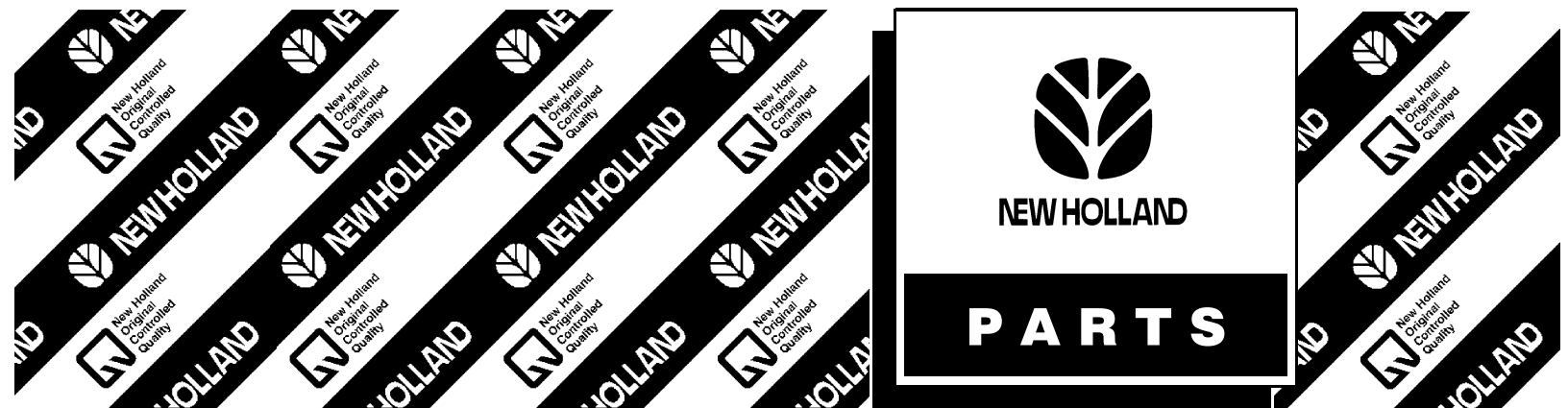


NEW HOLLAND

Skid-Steer Loader L-778

SERVICE PARTS CATALOG



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MAIN FRAME, ENGINE SHROUDING GROUP

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		606865		1	Frame Weld Assy., Main
1A		245346		1	Filter, fits on modified 1-1/4" coupling welded to reservoir
		613890		1	Filter, threaded into 2" fitting on reservoir
2		198934		1	Top Weld Assy.
3		275053		6	Strip, Sealing, 1/8" x 1" x 30"(3.18mm x 25.4mm x 762mm)
4		578407		1	Handle Weld Assy.
		87259		1	Screw, Truss Hd, 3/8"-16 x 1"
		80702		1	Washer, 3/8"
		88902		1	Nut, Lock, GC, 3/8"-16
5		143224		2	Spring
6	1	199852		2	Screen Weld Assy., Side
		88832		8	Bolt, Carriage, G5, 1/4"-20 x 3/4"
		9707580		12	Screw, Cap, HH, G5, 1/4"-20 x 3/4"
		87361		32	Washer, SAE, 1/4"
		7770		20	Nut, G5, 1/4"-20
		80682		20	Washer, Lock, 1/4"
	2	606435		2	Screen, Used w/Ref. 30 and 31
7	1	199850		2	Screen Weld Assy., Front
		9707580		12	Screw, Cap, HH, G5, 1/4"-20 x 3/4"
		87361		24	Washer, SAE, 1/4"
		80682		12	Washer, Lock, 1/4"
		7770		12	Nut, G5, 1/4"-20
8		199071		2	Cover, Safety
9		284591		1	Plate Weld Assy., Seat
10		47325		3	Clip, Snap
		88928		3	Screw, Self-Tapping, Round Hd., #10 x 3/8"
11		263152		1	Cover
		9707580		3	Screw, Cap, HH, G5, 1/4"-20 x 3/4"
		80701		3	Washer, 1/4"
		80682		3	Washer, Lock, 1/4"
12		701301		1	Baffle
		280327		5	Bolt, Carriage, G5, 5/16"-18 x 3/4"
(1)					Used on & BSN 450379
(2)					Used on & ASN 450380

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WHEELS, SPINDLES, DRIVE GEARS AND DRIVE GROUP

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		196932		4	Spindle
		88725		16	Screw, Cap, HH, G5, 3/4"-10 x 1-3/4"
		87340		2	Washer, Lock, 3/4"
		280954		2	Nut, G5, 3/4"-10
		PL		AR	Compound, Retaining, Loctite, #242
2		166258		4	Bearing, Cone, Tapered Roller
3		49029		4	Bearing, Cup, 3-13/16" OD
4		196930		4	Sprocket, 45T
		9790095		24	Screw, Cap, HH, G8, 1/2"-13 x 1-3/4"
		65319		24	Washer, 33/64" ID x 1" OD x .135" Thick
		PL		AR	Compound Retaining, Loctite, #242
5	1, 2	196929		4	Gasket
6		227852		4	Retainer, Oil Seal
		256873		48	Screw, Cap, Flg Hd, USR, 5/16"-18 x 1/2"
7		196927		4	Seal, Oil
8		196925		4	Hub
9		199955		4	Bearing, Cup, Tapered Roller
10		199954		4	Bearing, Cone, Tapered Roller
11		624004		4	Washer, Special
12		280172		4	Nut, Slotted, G2, 7/8"-14
13		87673		4	Pin, Split (Cotter), 1/8" x 1-3/4"
14		196955		4	Cap, Hub
15		35740		4	Wheel, For 7.00 x 15 and 7.50 x 15 Tire
		213612		4	Wheel, For 10 x 16.50 Tire
		236183		4	Wheel, For 31 x 15.5, 15 Tire
		249829		4	Wheel, For 6.50 x 16 x 5.50 Solid Tire
16		219033		4	Tube, For 7.50 x 15 Tire, Tractor Implement Type, Tires and Tubes Should be Procured Locally
		223384		4	Tube, For 10 x 16.50 Tire, Tractor Implement Type, Tires and Tubes Should be Procured Locally
		{224472}		4	Tube, For 7.00 x 15 Tire, Tractor Implement Type, Tires and Tubes Should be Procured Locally
		239302		4	Tube, For 31 x 15.50, 15 Tire, Tractor Implement Type

(1) Used on & BSN 450379

(2) These Tires & Tubes should be purchased locally.

L778

BOOM ASSEMBLY

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
		80702		2	Washer, 3/8"
		80680		2	Washer, Lock, 3/8"
16		592772		2	Cylinder Assy., Hydraulic, Refer to Fig. 7, Replaces P/N 245048
17		198529		4	Pin Weld Assy.
		88206		4	Screw, Cap, HH, G5, 3/8"-16 x 1"
		80702		4	Washer, 3/8"
		80680		4	Washer, Lock, 3/8"
		87414		4	Nipple, Lube, Straight, 1/4"-28
18		247152		2	Pin Weld Assy.
		88011		2	Screw, Cap, HH, G5, 3/8"-16 x 1-1/4"
		80702		2	Washer, 3/8"
		80680		2	Washer, Lock, 3/8"
		9628503		2	Nut, G5, 3/8"-16
19	1	611620		1	Mount Weld Assy., Replaces P/N 263144
20		86509051		2	Cylinder Assy., Hydraulic, Refer to Fig. 6, Replaces P/N 247155
		87414		4	Nipple, Lube, Straight, 1/4"-28
21		259629		2	Pin Weld Assy., Cylinder
		88044		2	Screw, Cap, HH, G5, 3/8"-16 x 1-1/2"
		80702		2	Washer, 3/8"
		80680		2	Washer, Lock, 3/8"
		9628503		2	Nut, G5, 3/8"-16
22		264620		2	Stud Weld Assy., Pivot
23		600081		2	End, Rod
24		25121		2	Ring, Snap, Ext, 1.000"
25		72811		2	Pin, Clevis, 5/8" x 1-23/32"
26		217571		4	Bushing
		86511191		4	Washer, 3/4"
		80755		4	Pin, Split (Cotter), 1/8" x 1"
27		NSS		2	Handle Weld Assy.
27A	2	611650		2	Handle Weld Assy.
28		32379		2	Spring

(1) New Style Mount Plate, P/N 611620, Also Requires (2) P/N 600081, P/N 72811 & P/N 611650 when replacing Old Style P/N 263144

(2) When Replacing P/N 198201 W/New Style Handle P/N 611650, P/N's 600081 & 143224 are also required.

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BOOM LOCK GROUP

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
14	1	45455		2	Spacer, Use w/Weldment
	2	80299		2	Washer, Plain, 5/8", Use w/Casting
15		199118		2	Spacer
16		199102		1	Spacer
17	1	264513		2	Bushing, Spacer
		86508773		1	Bolt, Carriage, G5, 3/8"-16 x 1-1/4"
		80702		1	Washer, 3/8"
		80680		1	Washer, Lock, 3/8"
		9628503		1	Nut, G5, 3/8"-16
18	1	251194		1	Arm Weld Assy.
18A	2	613929		1	Arm Weld Assy.
19	1	46841		1	Spring
20	1	251198		1	Spacer
	2	164491		1	Spacer
21	1	574511		1	Handle Weld Assy.
		280829		1	Bolt, Carriage, Short Neck, G5, 1/2" x 4-1/2"
		80700		1	Washer, 1/2"
		88871		1	Nut, Lock, GC, 1/2"-13
21A	2	252757		1	Handle Weld Assy.
		88206		2	Screw, Cap, HH, G5, 3/8"-16 x 1"
		80680		2	Washer, Lock, 3/8"
22	1	42220		1	Knob
22A	2	703018		1	Grip
23	1	198959		1	Plate, Safety Lock
	2	600062		1	Plate, Lock
		280428		2	Bolt, Carriage, G5, 5/16"-18 x 1"
		80664		2	Washer, 5/16"
		80681		2	Washer, Lock, 5/16"
		9635082		2	Nut, G5, 5/16"-18

(1) Used on & BSN 450379

(2) Used on & ASN 450380

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DRIVE CONTROL GROUP

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
28		261119		2	Tube
29		259820		2	Damper, Steering
		88436		2	Screw, Cap, HH, G5, 3/8"-16 x 2"
		80680		2	Washer, Lock, 3/8"
		29962		2	Washer, Special
		9628503		2	Nut, G5, 3/8"-16
		320177		2	Washer, Lock, 1/2"
		43138		2	Screw, Cap, HH, CL 8.8, M10 x 1.5 x 20

L778

HYDROSTATIC TRANSMISSION GROUP, CESSNA PUMP ASSEMBLY

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
		624942		1	Transmission, Hydrostatic, R.H., Replaces P/N 578415
		624941		1	Transmission, Hydrostatic, L.H., Replaces P/N 578414
1	1	66800		1	Ring, Snap, Int, 2.000"
2	1	703639		1	Seal, Shaft, 2" OD x .245" Thk
3		272223		1	Washer, 1.995" O.D. x .083" (50.67mm x 2.11mm) Thick
4	1	38785		2	Ring, Snap, Ext, 1.1250"
5		272202		2	Race, Thrust
6		272201		1	Bearing, Thrust
7		272226		1	Shaft, Drive, Pump
8		272193		1	Bearing
9	2	576435		1	Housing, Pump, Replaces P/N 272192, Includes Ref. (1) 8 and (2) 9A
9A		271687		2	Pin, Roll, 1/4" x 1/2"
10		86512848		2	Bearing, Needle
11		86512847		2	Bearing, Trunnion, Inner, Race
12	1	272218		2	O-Ring, 1.424" ID x .103" Thk
13		272197		1	Cover, Sleeve
14	1	271429		2	Ring, Snap, Int, 1.630"
15		272194		1	Cover, Trunnion
16	2	703633		1	Plate, Cam, Used in Pump Housing, L.H. and Motor Housing, R.H.
	2	703634		1	Plate, Cam, Used in Pump Housing R.H. & Motor Housing L.H.
17	1	272830		1	Ring, Quad, 13/16" ID x 3/32"
18		703636		AR	Kit, Rotating, Pump, Includes Ref. Nos. 18A thru 21
18A		NSS		1	Kit, Piston
19		272203		1	Spider
20		272205		1	Pivot, Sider
21		NSS		1	Block, Piston
22	1	221964		1	O-Ring, .862" ID x .070" Thk

(1) Included in Seal Repair Kit

(2) When replacing Ref. 16 and Old Cam Plate is blocked or unpolished, you must also order Ref. No. 18. If Cam Plate has a polished surface, you can replace just the Cam Plate.

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HYDRUALIC SCHEMATIC, CYLINDER, CONTROL VALVE & PUMP HYDRAULICS

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		128996		1	Union, T, 3/4" UNF, JIC
2		128825		8	O-Ring, 90 Duro, .644" ID x .087" Thk
3		216649		2	Hose Assy., 1/2" I.D., 20-1/2"(5207mm) Lg., Includes (1) Ref. 2
4		217642		3	Strap, Pipe
		86508769		2	Bolt, Carriage, G5, 1/4"-20 x 1"
		80701		2	Washer, 1/4"
		80682		2	Washer, Lock, 1/4"
		7770		2	Nut, G5, 1/4"-20
5		229683		1	Hose Assy., 1/2" I.D., 29" (736mm) Lg.
6		229682		1	Hose Assy., 1/2" I.D., 97-1/2" (2477mm) Lg.
7		86513024		1	Branch T, 3/4", Includes (1) Ref. 2
8		216660		1	Hose Assy., 1/2" I.D., 78" (1981mm) Lg.
9		216791		2	Elbow, Male, 90°, 3/4"
10		216669		2	Hose Assy., 1/2" I.D., 102" (2591mm) Lg.
11		248973		6	Elbow, Bulkhead, 90°, 3/4"
12		76353		10	Nut, Flare
13		248992		2	Elbow, Swivel, 45°, 3/4"
14		248993		2	Hose Assy., 1/2" I.D., Includes (1) Ref. 2
15		249001		2	Hose Assy., 1/2" I.D.
16		248974		2	Elbow, 90°, 3/4"-16
17		248976		1	Tube Assy., 1/2" O.D., 72" (1829mm) Lg., Includes (3) Ref. 12
17A	1	620641		1	Tube Assy., 1/2" O.D. x 5-1/16" (128.6mm)
17B	1	620642		1	Tube Assy., 1/2" O.D. x 30-1/8" (765mm)
18	1	131048		1	Branch, Male, T
19		87572		1	Bushing, Hex, 1/2" x 3/8"
20	1	716347		1	Valve, Relief, Refer to Fig. 19
21		615558		1	Tube Assy., 1/2" O.D., 21" (533mm) Lg., Replaces P/N 262771, Includes Ref. 12
22	1	621060		1	Hose Assy., 3/8" I.D. x 30" (762mm) Lg.
23		505789		1	Tube Assy., 3/4" O.D., 15" (381mm) Lg., Replaces P/N 262772, Includes Ref. 24
24		144125		2	Nut, 1-1/16"
25		322896		1	Connector
(1) Factory Installed Cylinder Relief Kit on Standard & Deluxe Units					

L778

OPTIONAL CYLINDER RELIEF KIT

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		600068		1	Kit, Cylinder Relief, Includes: Ref. 1 thru 8
		215934		1	Tee, Run, Male
		514928		2	Ferrule
		514925		2	Nut
2		716347		1	Valve Assy., Relief, Includes Ref. 9 thru 17
3		512024		1	Hose Assy.
4		88791		1	Elbow, Street, 3/8"
5		131076		1	Bushing, Hex, 3/4" x 3/8"
6		509968		1	Tee, Service, 3/4"
7		248994		1	Elbow, Street, 3/4", Early Machines Only
8		263117		2	Cable Tie, 3/32" x 11-1/2" L
9		517563		1	Cap
10		517568		1	Body and Poppet
11		NSS		1	Housing
12		527281		1	Spring
13		{9672929}		1	O-Ring
14		517569		1	Ring
15		517567		AR	Shim, .010" (0.25mm) Thick
		517566		AR	Shim, .030" (.762mm)
		517565		AR	Shim, .040" (1.02mm)
16		129740		1	O-Ring, 1.051" ID x .070" Thk
17		167269		1	O-Ring, 90 Duro, .755" ID x .097" Thk

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ELECTRICAL SCHEMATICS

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
15		NSS		1	Battery, 12 Volt, Gas Engine Only
		NSS		2	Battery, 12 Volt, Diesel Engine Only
16		510433		2	Cables, Battery, Gas Only
	1	132549		1	Cover, Terminal
17		268154		1	Cable, Battery, L.H. Battery to Solenoid, Diesel Only
		604900		2	Clamp
		280164		1	Screw, Cap, HH, G5, 1/4"-20 x 1-3/4"
		87405		1	Screw, Cap, HH, G5, 1/4"-20 x 2-1/4"
		7770		2	Nut, G5, 1/4"-20
		80701		3	Washer, 1/4"
		80682		2	Washer, Lock, 1/4"
18		219220		3	Cable, Battery, Diesel Only
19		512306		1	Cable, Battery Ground, Not Shown
		87887		1	Screw, Self-Tapping, HH, 5/16" x 3/4"
		80664		1	Washer, 5/16"
20		D5TE12029AB		1	Coil, Gas Only, Refer to Fig. 103
21		C0AF12043A		1	Strap, Mounting, Coil, Gas Only
		87872		1	Screw, Cap, HH, G5, 5/16"-18 x 3/4"
		80681		1	Washer, Lock, 5/16"
		9635082		1	Nut, G5, 5/16"-18
22		501933		1	Resister, Coil, Gas Only
23		NSS		1	Wire Assembly, Gas Only, Coil to Resister
24		500965		1	Distributor Assy., Gas Only
25		FAA12298A		1	Wire Assy., Gas Only, Distribution to Coil
26		262932		1	Gauge, Fuel
27		675457		1	Hourmeter
28		718114		1	Harness, Wire, Fuel Gauge and Hourmeter to Ground
29		284865		1	Switch, Ignition, Includes Ref. 30
30		167334		1	Keys, Set of 2, Not Shown
31		768115		1	Breaker, Circuit
		88986		2	Screw, Round Hd, G2, #10-32 x 1/2"
		80684		2	Washer, Lock, #10
		87825		2	Nut, G2, #10-32

(1) Used on & BSN 245406 & Between S/N 245451 & S/N 450225

L778

ELECTRICAL GROUP, INSTRUMENT PANEL ASSEMBLY

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1	571083		1	Panel Weld Assy., Instrument
	2	718211		1	Panel Weld Assy., Instrument
		84468		6	Screw, Truss Hd, G2, 1/4"-20 x 5/8"
		87667		4	Screw, Self-Tapping, HH, 1/4" x 1/2"
		87361		10	Washer, SAE, 1/4"
		80682		6	Washer, Lock, 1/4"
		7770		6	Nut, G5, 1/4"-20
2		219179		AR	Cap, For 17/32" (13.5mm) Dia. Holes, Used to Plug Holes for Ref. 3 if Lights are Not Installed
3	3, 4	46170		2	Switch, Light
4		261910		3	Lamp, Indicator
		271431		AR	Bulb, Type 1895R
5		262932		1	Gauge, Fuel
6		675457		1	Hourmeter
7		606862		AR	Cap, For 11/16" (17.5mm) Dia. Holes, Used to Plug Hole if Starting Fluid Switch is Not Installed
8		131165		1	Switch, Starting Fluid
		80299		1	Washer, 5/8"
9		284865		1	Switch, Ignition, Includes Ref. 10
10		167334		1	Key, Set of 2
11		269607		1	Buzzer
12		768115		1	Breaker, Circuit
		88986		2	Screw, Round Hd, G2, #10-32 x 1/2"
		80684		2	Washer, Lock, #10
		87825		2	Nut, G2, #10-32
13	5	285119		1	Flasher
14	1	267232		1	Ammeter, Not Shown
15	1	573650		1	Gauge, Water Temperature, Not Shown
		288934		AR	Socket, Bulb

(1) Used on & BSN 245406 & Between S/N 245451 & S/N 450225

(2) Used on & ASN 450226 & Between S/N 245407 & S/N 245450

(3) Standard on Deluxe Units

(4) Components of Warning Light Kit, Ordered thru Sales Department as Bundle 205047

(5) Components of Warning Light Kit, Ordered thru Sales Department as Bundle 205047, See Note

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ENGINE GROUP, THROTTLE CONTROL ASSEMBLY, GAS

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		572594		1	Tube Weld Assy.
2		572384		1	Rod Weld Assy.
3		265278		3	Bushing
4		80664		1	Washer, 5/16"
5		29840		1	Spring
6		80702		2	Washer, 3/8"
7		258985		1	Conduit, Plastic, Split, .58" OD x 28" Lg.
8		F1NN9A792AA		4	Clip
9		573400		1	Rod, Choke
10		573401		1	Rod, Throttle
11		572331		1	Sleeve
		80756		2	Pin, Split, Cotter, 1/8" x 3/4"
12		572329		1	Rod, Throttle
		87305		1	Nut, Jam, G2, 1/4"-20
13		86520436		1	Clevis
		9672307		1	Pin
		280236		1	Pin, Split (Cotter), 1/16" x 1/2"
14		572328		1	Bracket
		87887		2	Screw, Self-Tapping, HH, 5/16" x 3/4"
		280327		2	Bolt, Carriage, G5, 5/16"-18 x 3/4"
		80664		2	Washer, 5/16"
		80681		4	Washer, Lock, 5/16"
		9635082		2	Nut, G5, 5/16"-18
15		76814		1	Disc
16		86556581		1	Spring, 1/2" Lg
17		572325		1	Handle Weld Assy.
		9706752		1	Bolt, Carriage, G5, 3/8"-16 x 1-1/2"
		80702		1	Washer, 3/8"
		88902		1	Nut, Lock, GC, 3/8"-16
18	1	168982		1	Knob
19	2	513291		1	Sleeve
20		267023		1	Rod, Choke
21		244105		1	Grommet
22		518995		1	Cap

(1) Used on & BSN 245406 & Between S/N 245451 & S/N 450225

(2) Used on & ASN 450226 & Between S/N 245407 & S/N 245450

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ENGINE GROUP, BATTERY SUPPORT ASSEMBLY, GAS AND DIESEL

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1	570806		1	Holddown Weld Assy., Battery, Gas
1	1	570806		2	Holddown Weld Assy., Battery, Diesel
1A	2	709159		1	Holddown Weld Assy., Battery, Gas
1A	2	709159		2	Holddown Weld Assy., Battery, Diesel
		80702		2	Washer, 3/8", Gas
		80702		4	Washer, 3/8", Diesel
		88902		2	Nut, Lock, GC, 3/8"-16
		88902		4	Nut, Lock, GC, 3/8"-16
2		213323		2	Stud, Tank, Gas
2		213323		4	Stud, Tank, Diesel
3	1	573072		1	Angle, Gas
3	1	573072		2	Angle, Diesel
4	1	570802		1	Support Weld Assy., Battery, Gas
4	1	570802		2	Support Weld Assy., Battery, Diesel
		88682		6	Bolt, Carriage, G5, 3/8"-16 x 1"
		88682		10	Bolt, Carriage, G5, 3/8"-16 x 1"
		80702		6	Washer, 3/8", Gas
		80702		10	Washer, 3/8", Diesel
		80680		6	Washer, Lock, 3/8", Gas
		80680		10	Washer, Lock, 3/8", Diesel
		9628503		6	Nut, G5, 3/8"-16, Gas
		9628503		10	Nut, G5, 3/8"-16, Diesel
4A	2	712272		1	Support Weld Assy., Battery, Gas
	2	712272		2	Support Weld Assy., Battery, Diesel
		87872		4	Screw, Cap, HH, G5, 5/16"-18 x 3/4"
		87872		8	Screw, Cap, HH, G5, 5/16"-18 x 3/4"
		80664		4	Washer, 5/16", Gas
		80664		8	Washer, 5/16", Diesel
		80681		4	Washer, Lock, 5/16", Gas
		80681		8	Washer, Lock, 5/16", Diesel
		9635082		4	Nut, G5, 5/16"-18, Gas
		9635082		8	Nut, G5, 5/16"-18, Diesel

(1) Used on & BSN 245406 & Between S/N 245451 & S/N 450225

(2) Used on & ASN 450226 & Between S/N 245407 & S/N 245450

L778

DIRT TOOTH, OPTIONAL EQUIPMENT

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		203357		AR	Kit, Dirt Tooth
		218960		8	Tooth Assy., Includes Tooth Point, Welding Required
		270163		8	Point, Tooth
		270163DS		8	Point, Tooth, Direct Ship Item

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UTILITY FORK GRAPPLE CYLINDER, OPTIONAL EQUIPMENT

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
		243534		AR	Cylinder Assy., Hydraulic
1		NSS		1	Barrel Weld Assy.
2		88559		1	Nut, Lock, G8, Thin, 3/4"-14, Piston Rod
3		134374		1	Piston
4		134373		1	O-Ring, 1.114" ID x .070" Thk
5		579359		1	O-Ring, 1.239" ID x .070" Thk
6		129988		1	Ring, Piston, 1.400" ID x .093" Thk
7		134369		1	Rod, Piston
8		134376		1	Bearing
9		134375		1	O-Ring, 1.362" ID x .070" Thk
10		134372		1	O-Ring, 1.109" ID x .139" Thk
11		134371		1	Washer, Back-up, 1.141" ID x .040" Thk
12		33268		1	Seal, Oil
13		600083		1	Washer
		136440		AR	Kit, Seal Repair, Includes Ref. 4 thru 6 and 9 thru 12

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WIPER BUNDLE, OPTIONAL EQUIPMENT

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
		{201678}		AR	Bundle, Wiper
1		227854		1	Wiper Assy., Includes Ref. 2 thru 10
		280449		1	Screw, Self-Tapping, Truss Hd, #10-16 x 3/8"
2		NSS		1	Housing and Motor Assembly
3		241634		1	Cover and Switch Assy.
		86511907		4	Screw, Pan Hd, G2, #6-32 x 5/16"
4		241636		1	Gasket
5		88458		2	Nut, #6-32
6		263299		1	Gear Assy.
7		241630		1	Shaft Assy.
8		241631		1	Gasket
9		241632		1	Spacer
10		241633		2	Nut, Special, Jam, G2, 5/8"-24
11		238824		1	Wire Assy., 22" (559mm) Lg., Yellow w/ Black Stripe, Wiper Assy. to P/N 227858 Wire
12		227858		1	Wire Assy., 76" (1930mm) Lg., Yellow w/Black Stripe, P/N 238824 Wire to Fuel Gauge
13		237911		4	Clamp
		280449		1	Screw, Self-Tapping, Truss Hd, #10-16 x 3/8"
14		263296		1	Arm, Wiper, Includes Hardware for Attaching Blade
15		227856		1	Blade, Wiper
16		238168		1	Grommet

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HIGH LIFT PALLET FORK BUNDLE, #202692

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
		80680		3	Washer, Lock, 3/8"
		9628503		3	Nut, G5, 3/8"-16
23		32324		4	Ring, Snap, Int, 2.440"
24		163589		4	Bearing, Ball
25		167080		4	Ring, Snap, Ext, 1.188"
26		258931		4	Roller

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AUXILIARY HYDRAULIC KIT, OPTIONAL EQUIPMENT

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1	203101		AR	Kit, Auxiliary Hydraulic
1		238464		1	Bracket
		88682		1	Bolt, Carriage, G5, 3/8"-16 x 1"
		80702		1	Washer, 3/8"
		80680		1	Washer, Lock, 3/8"
		9628503		1	Nut, G5, 3/8"-16
2		219609		1	Plug Assy., Pressure Beyond, Includes Ref. 3, 4 and 5
3		218774		1	O-Ring, 90 Duro, 1.174" ID x .103" Thk
4		219793		1	Washer, Back-up, .885" ID x .043" Thk
5		272220		1	O-Ring, 90 Duro, .862" ID x .103" Thk
6		144123		1	Elbow, 90°, 7/8" x 1-1/16", Includes Ref. 7
7		167269		1	O-Ring, 90 Duro, .755" ID x .097" Thk
8		247526		1	Tube Assy., 3/4" O.D. x 31" Lg. (787mm) Includes (2) Ref. 9 and 10
9		86513085		2	Fitting, 37° Flare, Nut, 1-1/16"-12 Thread, for 3/4" Tubing
10		164912		2	Sleeve
11		131051		1	Connector, Male, 3/4" x 1-1/16"
12		512920		1	Washer, 5/16" (7.94mm) Thick
13		238465		1	Coupler, Quick Disconnect Female Half, 3/4" NPT, 2-1/8" O.D. x 3-31/64" (88.9mm) Lg.
14		242605		1	Nipple, Male Half, 3/4" NPT, 2-5/64" (52.78mm) Lg.
15		248994		1	Elbow, Street, 90°, 3/4"
16		{613415}		1	Hose, 1-1/4" O.D. x 20-1/4" (514mm) Lg., Replaces P/N 244152
17		219605		1	Elbow, 45°, Swivel Nut

(1) Standard on Deluxe Units

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BOOM HYDRAULICS KIT, OPTIONAL EQUIPMENT

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
	1	{202127}			Kit, Boom Hydraulics, Requires P/N 202125 Auxiliary Valve Kit & P/N 203101 Auxiliary Hydraulic Kit
1		322894		2	Elbow, 90°, 1-1/16"-12 Flare x 1-1/16"-12 O-Ring, Includes: Ref. 2
2		167266		2	O-Ring, 90 Duro, .924" ID x .116" Thk
3		248988		1	Tube Assy., R.H., 3/4" O.D. x 16" (406mm) Lg. Includes (2) Ref. 5 and 6
4		248989		1	Tube Assy., L.H., 3/4" O.D. x 51" (1295mm) Lg., Includes (2) Ref. 5 and 6
5		164912		AR	Sleeve, For 3/4" Tube, 37° Flare
6		86513085		AR	Fitting, 37° Flare, Nut, 1-1/16"-12 Thread, for 3/4" Tubing
7		248984		2	Hose Assy., 3/4" I.D. x 97-1/2" Lg., 1-1/16", 37° (2477mm) Male One End, 1-1/16", 37° Female Swivel, One End
8	2	242081		1	Tube Assy., R.H., 3/4" O.D. x 105" (2667mm) Lg., Includes (2) Ref. 5 and 6
9	2	242080		1	Tube Assy., L.H., 3/4" O.D. x 105" (2667mm) Lg., Includes (2) Ref. 5 and 6
10		242083		2	Hose Assy., 3/4" I.D. x 29" Lg., 1-1/16", 37° Male One End, 1-1/16", 37° Female Swivel, One End (737mm)
11		9618023		2	Joint, Swivel, Replaces P/N 242084, Includes Ref. 11A and 12
11A		242278		AR	Kit, Seal, Not Shown
12		25121		2	Ring, Snap, Ext, 1.000"
13	3	242605		1	Nipple, Male Half, Repair Type, 3/4" NPT x 2-5/64" Lg.

(1) Standard on Deluxe Units

(2) See Tubing Repair Section in Standard Part Catalog

(3) When replacing old style Coupler, Female Half, 1/2"-14 NPT, Non-Repair Type, used on early Models, (2) Ref. 6 & (1) Ref. 8 will also be required to insure a correct fit.

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AUGER AND TRENCHER DRIVE GROUP

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1	{221040}		1	Mount Weld Assy., Frame
		87972		1	Screw, Cap, HH, G5, 1/2"-13 x 2-1/2"
		88871		1	Nut, Lock, GC, 1/2"-13
2		238880		1	Frame Weld Assy., Trencher
		80710		2	Fitting, Nipple, Lube, 1/8"
3		239040		1	Shield Weld Assy.
		280327		1	Bolt, Carriage, G5, 5/16"-18 x 3/4"
		87872		2	Screw, Cap, HH, G5, 5/16"-18 x 3/4"
		80664		5	Washer, 5/16"
		80681		3	Washer, Lock, 5/16"
		9635082		3	Nut, G5, 5/16"-18
4		246740		1	Shield
		87872		2	Screw, Cap, HH, G5, 5/16"-18 x 3/4"
		80664		2	Washer, 5/16"
		80681		2	Washer, Lock, 5/16"
5		199676		1	Button, Plug
6		235046		1	Flap
		280499		2	Bolt, Carriage, Short Neck, G5, 1/2"-13 x 1"
		80679		2	Washer, Lock, 1/2"
		280431		2	Nut, G5, 1/2"-13
7		234543		1	Auger Weld Assy.
		88062		1	Screw, Cap, HH, G5, 5/8"-11 x 1-1/2"
		81986		1	Screw, Cap, HS, 5/16"-18 x 3"
		80084057		1	Washer, Lock, 5/8"
		280736		1	Nut, Lock, GC, 5/16"-18
		87480		1	Key, 1/4" Sq x 1-3/4"
8		234697		1	Shaft, Head
9		234491		1	Sprocket, 10T
		302264S36		6	Screw, Cap, Socket Hd., G8, 3/8"-16 x 1-1/2"
		213237		6	Spacer, Shim
10		234562		1	Seal
11		234557		2	Bearing, Needle
12		234555		2	Washer, Thrust
13		234554		1	Washet, Thrust
14		234556		1	Bearing, Needle

(1) Order thru Sales Dept., Not a Service Part

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BOOM KIT, TRENCHER ATTACHMENT, 4-1/2 AND 5-1/2 FT.

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
		201803		AR	Kit, Boom, 4-1/2 Ft., To 6" (152mm) Digging Width
		201804		AR	Kit, Boom, 5-1/2 Ft., To 6" (152mm) Digging Width
1		234841		1	Boom Weld Assy., 4-1/2 Ft.
		234842		1	Boom Weld Assy., 5-1/2 Ft.
2		234490		2	Spacer, 4-1/2 Ft. or 5-1/2 Ft.
3		196703		2	Washer, Hardened, 3/4", 4-1/2 Ft or 5-1/2 Ft
		88007		2	Screw, Cap, HH, G5, 3/4"-10 x 4-1/2"
		87340		2	Washer, Lock, 3/4"
		280954		2	Nut, G5, 3/4"-10
4		233899		3	Bearing and Sprocket Assy., 10T, Includes (1) Ref. 5 and 6, 4-1/2 Ft. or 5-1/2 Ft.
5		232471		3	Bearing, 4-1/2 Ft. or 5-1/2 Ft.
6		165920		3	Ring, Snap, Int, M79.82, 4-1/2 Ft or 5-1/2 Ft
7		234480		3	Spacer, Square, 4-1/2 Ft. or 5-1/2 Ft.
		9827853		3	Screw, Cap, HH, G5, 5/8"-11 x 3-1/4"
		80084057		3	Washer, Lock, 5/8"
		280374		3	Nut, G5, 5/8"-11
8		101406		AR	Spacer, 4-1/2 Ft. or 5-1/2 Ft.
9		234567		6	Washer, 4-1/2 Ft. or 5-1/2 Ft.
10		233934		1	Spring, 4-1/2 Ft. or 5-1/2 Ft.
11		234558		1	Rod Weld Assy., Piston, 4-1/2 Ft. or 5-1/2 Ft.
12		134371		1	Washer, Back-up, 1.141" ID x .040" Thk, 4-1/2 Ft or 5-1/2 Ft
13		134372		1	O-Ring, 1.109" ID x .139" Thk
14		234493		1	End, Boom, 4-1/2 Ft. or 5-1/2 Ft.
15		232780		1	Fitting, Lube, w/Cap, 4-1/2 Ft. or 5-1/2 Ft.
16		9617020		1	Plug, Pipe, HS, 1/4"-18, NPTF
17		513364		1	Plug, Pipe, Hex Socket, 1/2", 4-1/2 Ft. or 5-1/2 Ft.
18		234692		1	Chain, Digging, 64 Pitches, Standard, Includes (1) Ref. 20 and 21, 4-1/2 Ft. or 5-1/2 Ft.
		234727		AR	Chain, Standard, Repair Section, Includes (2) Ref. 20 and 21, 4-1/2 Ft. or 5-1/2 Ft.
19		234690		1	Chain, Digging, 32 Pitch, 4-1/2" (4372mm), Includes (1) Ref. 20 and 21, , 4-1/2 Ft.
		234691		1	Chain, Digging, 48 Pitch, Standard, 5-1/2" (1676mm), Includes (1) Ref. 20 and 21, 5-1/2 Ft.

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AUGER EXTENSION

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		{201812}		AR	Bundle, Auger Extension
		NSS		1	Extension Weld Assy., Auger
		280361		1	Screw, Cap, HH, G5, 5/8" x 7-1/2"
		88707		2	Bolt, Carriage, Short Neck, G5, 1/2"-13 x 1-1/4"
		80084057		1	Washer, Lock, 5/8"
		80679		2	Washer, Lock, 1/2"
		280431		2	Nut, G5, 1/2"-13

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MAIN FRAME, DIPPER STICK, BOOM AND BUCKET GROUP

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
		80681		4	Washer, Lock, 5/16"
20		270139		4	Pin, 1-1/8" x 6-3/4"
21		270179		5	Pin, Latch, 3/8" x 3-1/2"
		9706689		1	Screw, Cap, HH, G5, 3/8"-16 x 1-3/4"
		88044		2	Screw, Cap, HH, G5, 3/8"-16 x 1-1/2"
		88011		2	Screw, Cap, HH, G5, 3/8"-16 x 1-1/4"
		80702		3	Washer, 3/8"
		80680		3	Washer, Lock, 3/8"
		88902		2	Nut, Lock, GC, 3/8"-16
22		270180		1	Pin, 1-1/8" x 8-3/16", Boom Attaching
23		270153		1	Boom Weld Assy., Includes Ref. 24 and (2) Ref. 25
24		270181		2	Bushing
25		270141		4	Bushing
26		270182		1	Pin, Dipper Stick to Boom
27		270154		1	Stick Weld Assy., Dipper, Includes (2) of Ref. 18 and 25
28		285394		5	Spacer, Pin Retainer
29		270184		6	Pin, Linch, 1/4" x 1-3/4"
30		87414		2	Nipple, Lube, Straight, 1/4"-28
31		270144		1	Pin, 1-1/8" x 5-1/4", Cylinder to Bucket
		87041		1	Lube, Fitting, 1/4" x 1-3/4"
32		270143		1	Pin, 1-1/8" x 8-7/16", Bucket Hinge
		{88353}		1	Pin, Cotter, 3/8" x 2"
33		26558		3	Washer, Special, 1-1/8" (28.6mm) I.D.
34		270102		2	Cylinder Assy., Stabilizer, Refer to Fig. 68
35	1	272767		3	Boom, Crowd and Bucket Cylinder, Replaces P/N 270108 and P/N 272151
35	1	274811		3	Boom, Crowd and Bucket Cylinder
36		270156		1	Link, Transport
37		270157		1	Clip, Retainer
38		270155		4	Spike, Stabilizer
39		270086		1	Pin, Boom Cylinder Rod End
40	2	{202206}		AR	Bucket Assy., 12" (305mm), Includes (2) Ref. 25, (4) Ref. 41 and 42

(1) Refer to Figs. 70, 71, 72, & 73 Cylinder Assy. Identification and Breakdown of Component Parts.

(2) This Item for Reference Only. Order as Completing Bundles.

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HYDRAULICS, ASN 178042

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		270158		1	Valve Assy., Control, Refer to Fig. 74
		280244		3	Screw, Cap, HH, G5, 7/16"-14 x 3/4"
		87363		3	Washer, SAE, 7/16"
		81547		3	Washer, Lock, 7/16"
2		270159		1	Mounting Weld Assy., Valve
		88011		4	Screw, Cap, HH, G5, 3/8"-16 x 1-1/4"
		87016		4	Washer, SAE, 3/8"
		80680		4	Washer, Lock, 3/8"
3		270183		1	Cover, Valve Linkage
		87887		4	Screw, Self-Tapping, HH, 5/16" x 3/4"
		80681		4	Washer, Lock, 5/16"
4		270160		1	Shaft, Valve Lever
5		84923		1	Pin, Roll, 3/16" x 1-1/4"
6		270194		1	Decal, Control Lever Position
7		272118		4	Lever, Control, Swing, Crowd, Boom and Bucket
8		272053		2	Lever, Control, Stabilizer
9		168982		6	Knob, Control Lever
10		86509499		6	Nut, Jam, G2, 3/8"-16
11		272062		6	Casting, Control Lever
12		270161		2	Spacer, Lever Shaft
13		272117		5	Spacer
14		272120		12	Link
15		272116		6	Pin, Clevis, 1/4" x 51/64"
16		270151		6	Pin, Clevis, 3/16" x 7/8"
17		280236		12	Pin, Split (Cotter), 1/16" x 1/2"
18		270126		1	Cylinder Assy., Swing, Refer to Fig. 74
19		128818		10	Adapter, Straight, 3/4" JICM x 3/4" ORB
20		128825		20	O-Ring, 90 Duro, .644" ID x .087" Thk
21		272068		1	Tube Assy., L.H., Swing Cylinder Port, 1/2" O.D.
22		272069		1	Tube Assy., R.H., Swing Cylinder Port, 1/2" O.D.
23		270102		2	Cylinder Assy., Stabilizer, Refer to Fig. 68
24		164910		2	Elbow, 90°, 7/8" JICM x 7/8" ORB
25		167269		2	O-Ring, 90 Duro, .755" ID x .097" Thk
26		272074		1	Tube Assy., Pressure Line, 5/8" O.D.
27		272075		1	Tube Assy., Return Line, 5/8" O.D.
28		272058		4	Hose, 3/8" I.D. x 10" Lg.

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BOOM, CROWN AND BUCKET CYLINDER, USED ON AND ASN 192228, & S/N 192344

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
		272767		AR	Cylinder Assy., Boom, Crowd, Bucket
1		NSS		1	Barrel Weld Assy.
2		128999		2	O-Ring, .424" ID x .103" Thk
3		270109		2	Washer, Back-Up, .438" ID x .057" Thk
4		NSS		1	Pipe Assy., Manifold
5		272160		1	Spring
6		80710		2	Fitting, Nipple, Lube, 1/8"
7		272928		1	Collar
8		272165		1	Wiper, Rod
9		272164		1	Washer, Back-Up
10		235757		1	O-Ring, 90 Duro, 1.484" ID x .139" Thk
11		272153		1	Gland
12		511284		1	O-Ring, 2.734" ID x .139" Thk
13		235784		2	Washer, Back-Up, 2.643" ID x .064" Thk
14		510204		1	O-Ring, 2.6" ID x .210" Thk
15		272925		1	Piston
16		272927		1	O-Ring
17		88916		1	Nut, Lock, G2, 1-1/8"-12
18		272926		1	Rod Weld Assy., Piston
19		272929		AR	Spacer
		272930		AR	Kit, Seal Repair, Includes Ref. 8 thru 16
		272163		AR	Kit, Manifold Repair, Includes Ref. 2 thru 5

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BACKHOE MOUNTING

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
		280736		2	Nut, Lock, GC, 5/16"-18
15		242330		1	Bar Weld Assy., Tie, L.H.
16		249611		1	Bar Weld Assy., Tie, R.H.
17		26538		2	Spring
18		249615		2	Pin, 1/2" x 3-11/16", Latch
		87455		2	Pin, Roll, 1/8" x 1"
19		228095		6	Pin, Clevis, 1-1/4" x 5-1/8"
		87041		12	Pin, Split (Cotter), 1/4" x 1-3/4"
		{201675}		AR	Bucket, 16" (406mm), w/Teeth, For Use with P/N 202100
		{201676}		AR	Bucket, 20" (508mm), w/Teeth, For use with P/N 202100
		{201677}		AR	Bucket, 24" (610mm), w/Teeth, For use with P/N 202100

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HYDRAULIC GROUP

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		271627		1	Valve Assy., Control, Refer to Fig. 80
		280244		3	Screw, Cap, HH, G5, 7/16"-14 x 3/4"
		81547		3	Washer, Lock, 7/16"
2		128818		6	Adapter, Straight, 3/4" JICM x 3/4" ORB
3		128825		8	O-Ring, 90 Duro, .644" ID x .087" Thk
4		271671		3	Hose, 3/8" I.D. x 3/4" (864mm) Lg.
5		271672		3	Hose, 3/8" I.D. x 31" (787mm) Lg.
6		271765		1	Tube Assy., Boom, L.H.
7		271896		1	Tube Assy., Boom, R.H.
8		271764		1	Tube Assy., Bucket, L.H.
9		271768		1	Tube Assy., Bucket, R.H.
10		274803		1	Tube Assy., Crowd, L.H., Replaces P/N 271767
11		274802		1	Tube Assy., Crowd, R.H., Replaces P/N 271766
12		274798		2	Hose, 1/2" I.D. x 42" (1069mm) Lg., Replaces P/N 271668
13		274799		2	Hose, 1/2" I.D. x 15" (381mm) Lg., Replaces P/N 271657
14		271669		2	Hose, 1/2" I.D. x 39" (991mm) Lg., Bucket Cylinder
15		271673		1	Clamp, Tube
		87657		1	Screw, Cap, HH, G5, 5/16"-18 x 1-1/4"
		80681		1	Washer, Lock, 5/16"
16		271769		2	Clamp, Hose
		9635884		4	Screw, Cap, HH, G5, 5/16"-18 x 1"
		87362		4	Washer, SAE, 5/16"
		280736		4	Nut, Lock, GC, 5/16"-18
17		271651		1	Clamp, Tube
		280146		1	Screw, Self-Tapping, HH, 5/16" x 1"
		80681		1	Washer, Lock, 5/16"
18		271649		4	Clamp, Tube
		87657		4	Screw, Cap, HH, G5, 5/16"-18 x 1-1/4"
		87362		4	Washer, SAE, 5/16"
		280736		4	Nut, Lock, GC, 5/16"-18
19		167269		4	O-Ring, 90 Duro, .755" ID x .097" Thk
20		274804		2	Cylinder Assy., Boom and Crowd, Replaces P/N 272766
21		271635		1	Cylinder Assy., Bucket, Refer to Fig. 81

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CONTROL VALVE ASSEMBLY

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
33		271638		2	Valve Assy., Relief, 2375 PSI, Top and Bottom of Swing Section, Includes (1) Ref. 5
34		270121		3	Section Assy., Valve, Bucket and Stabilizer, Quantity shown is for (1) Section Only.
35		270185		1	Plate, End
36		270186		4	Bolt
37		80680		4	Washer, Lock, 3/8"
38		513894		2	Plate, Orifice, Top - Crowd Section, Bottom - Boom Section
39		271640		2	Plate, Orifice, Top and Bottom, Swing Section
40		271628		AR	Kit, Between Section Repair, Includes (1) Ref. 41 thru 44
41		271913		14	O-Ring, 90 Duro, .924" ID x .103" Thk
42		218774		7	O-Ring, 90 Duro, 1.174" ID x .103" Thk
43		271322		7	Washer, Back-up
44		272142		7	O-Ring, 90 Duro, .674" ID x .103" Thk
		270125		AR	Kit, Seal Repair, Boom and Crowd Sections, Includes Ref. 5, 7, 9, 10 and 13
		271626		AR	Kit, Seal Repair, Swing Section, Includes Ref. 5, 7, 9, 10, 13 and 14
		270124		AR	Kit, Seal Repair, Bucket and Stabilizer Sections, Includes Ref. 7, 9, 13 and 14
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BOOM, CROWD CYLINDER ASSEMBLY

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
		272766		AR	Cylinder Assy., Boom, Crowd
1		27293		1	Screw, Self-Tapping, Pan Hd, #8 x 5/16"
2		9827059		2	O-Ring, .551" ID x .070" Thk
3		272025		2	Ring, Back-Up
4		272049		1	Tube, Connector
5		272111		1	Clamp, Includes Ref. 6
6		280160		1	Screw, Cap, HS, #10-32 x 3/4"
7		NSS		1	Tube Assy.
8		80710		2	Fitting, Nipple, Lube, 1/8"
9		272047		1	Rod Weld Assy., Piston
10		511979		1	Wiper
11		272113		1	Seal
12		272108		1	Ring, Back-Up
13		9617975		1	O-Ring, 2.984" ID x .139" Thk
14		272048		1	Gland
15		272107		1	Ring, Seal
16		9636445		1	O-Ring, 2.50" ID x .139"
17		272106		1	Ring, Wear
18		272046		1	Piston
19		277604		1	Washer
20		88344		1	Screw, Cap, HH, G8, 3/4"-16 x 2"
		272109		AR	Kit, Seal Repair, Includes Ref. 10 thru 13 and 15 thru 17

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BACKHOE MOUNTING

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
13		26538		2	Spring
14		249615		2	Pin, 1/2" x 3-11/16", Latch
		87455		2	Pin, Roll, 1/8" x 1"

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STABILIZER AND SWING HYDRAULIC GROUP

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		271761		1	Panel, Cover
		87887		4	Screw, Self-Tapping, HH, 5/16" x 3/4"
		87362		4	Washer, SAE, 5/16"
2		271760		1	Shaft, Lever Pivot
3		88915		1	Pin, Spiral, 3/16" x 1-1/4"
4		272053		2	Lever, Control, Curved
		86509499		2	Nut, Jam, G2, 3/8"-16
5		272118		4	Lever, Control, Straight
		86509499		4	Nut, Jam, G2, 3/8"-16
6		271763		1	Bracket, Control Mounting
		80679		2	Washer, Lock, 1/2"
		280963		2	Nut, G5, 1/2"-20
7		271641		5	Spacer, Lever Pivot Shaft
8		525522		12	Link
9		525523		12	Pin, Clevis
		280236		12	Pin, Split (Cotter), 1/16" x 1/2"
10		525608		2	Cylinder Assy., Swing, Refer to Fig. 95
11		271774		4	U-Bolt, G5, 1/2"-13 x 4", Swing Cylinder Mount
12		280736		8	Nut, Lock, GC, 5/16"-18
13		525571		2	Cylinder Assy., Stabilizer, Refer to Fig. 96
14		271642		4	Elbow, 90°, 3/8" x 9/16"
15		9617873		4	O-Ring, 90 Duro, .468" ID x .078" Thk
16		271667		4	Hose, 1/4" I.D. x 30" (762mm) Lg.
17		138269		4	Grommet
18		BER654438		2	Elbow, 90°, 3/8" to 1/4" Female Thread
19		271665		1	Hose, 1/4" I.D. x 12-1/2" (317.5mm) Lg.
20		271666		1	Hose, 1/4" I.D. x 16" (406.4mm) Lg.
21		233528		2	Union, Adaptor, 90°, 7/8" Male x 1/2" Female Swivel
22		167269		8	O-Ring, 90 Duro, .755" ID x .097" Thk
23		525646		6	Adapter, Straight, 37° Flare
24		168982		6	Knob
25		272062		6	Lever, Control
26		270161		2	Spacer
27		254318		2	Hose Assy.
28		684776		2	Bushing, Hex, 3/4" x 1/2"
29		238465		1	Coupler

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STABILIZER CYLINDER ASSEMBLY

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
		525571		AR	Cylinder, Stabilizer
1		525568		1	Rod Weld Assy., Piston
		87414		1	Nipple, Lube, Straight, 1/4"-28
2		9620251		1	Piston
3		9706714		1	O-Ring, .734" ID x .139" Thk
4		235784		3	Washer, Back-Up, 2.643" ID x .064" Thk
5		510204		2	O-Ring, 2.6" ID x .210" Thk
6		280724		1	Nut, Lock, GC, 3/4"-16
7		NSS		1	Cylinder Weld Assy.
		87414		1	Nipple, Lube, Straight, 1/4"-28
8		525565		1	Head, Cylinder
9		512015		1	Ring, Snap, Int, 3.062"
10		510207		1	O-Ring, 90 Duro, 1.725" ID x .210" Thk
11		232465		1	Washer, Back-Up, 1.763" ID x .076" Thk
12		270177		1	Nut, Bearing, 2-3/4"-16
13		272174		1	Seal, Rod Wiper, 1.750" ID x .177" Thk

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ENGINE ASSEMBLY, INTERNAL, GAS AND DIESEL

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
		312102		8	Liner, Connecting Rod Bearing, .002" U/S, Ford P/N 312102, Gas and Diesel
16		E2JL6300BA		1	Crankshaft, Ford P/N E2JL-6300-BA, Diesel
		E2JL6300BA		1	Crankshaft, Ford P/N DINL-6303-D, Gas
17		311980		2	Liner, Center Main Bearing, Standard, Ford P/N 311980, Gas and Diesel
		311982		2	Liner, Center Main Bearing, .002 U/S, Ford P/N 311982, Gas and Diesel
18		312146		4	Liner, Front and Rear Main Bearing, Standard, Ford P/N 312146, Gas and Diesel
		500989		4	Liner, Front and Rear Main Bearing, .002 U/S, Ford P/N 312148, Gas and Diesel
19		311515		6	Bolt, Main Bearing Cap, Ford P/N 311515, Diesel
		500274		6	Bolt, Main Bearing Cap, Ford P/N 59A-6345-A, Gas
20		C0NN6336A		2	Seal, Rear Main Bearing Cap, Ford P/N C0NN-6336-A, Gas and Diesel
21		C0NN6701A		2	Seal, Crankshaft Rear Oil, Ford P/N D3JL-6701-A, Gas and Diesel
22		501607		1	Flywheel Assy., Ford P/N D3JL-6375-H, Includes Ref. 24, Gas and Diesel
23		501642		6	Bolt, Self Locking, 7/16" x 1-1/8", Ford P/N 350627-S, Gas and Diesel
24		501879		1	Gear, Ring, Ford P/N C5AZ-6384D, Gas and Diesel
25		D3JL6306A		1	Gear, Crankshaft, Ford P/N D3JL-6306-A, Gas and Diesel
26		C0NN6310A		1	Slinger, Oil, Ford P/N C0NN-6310-A, Diesel
27		EAF12470A		1	Centrifugal Assy., Governor, Ford P/N EAF-12470-A, Gas
28		EAF18235C		1	Fork, Governor, Ford P/N EAF-18235-C, Gas
29		C0NN6700A		1	Seal, Crankshaft Front, Replaces P/N 501424, Ford P/N C0NN-6700-A, Gas and Diesel
30		86531507		1	Hub, Crankshaft Pulley, Ford P/N C0NN-6313-A, Gas and Diesel
31		EAF6312D		1	Pulley, Crankshaft, Ford P/N EAF-6312-D, Gas and Diesel

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ENGINE ASSEMBLY, EXTERNAL, GAS AND DIESEL

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		501596		1	Block, Bare, Ford P/N D3JL-6010-K, Gas
	1	501594		1	Block, Short, Ford P/N D3JL-6009-C, Gas
		501597		1	Block, Bare, Ford P/N D3JL-6010-N, Diesel
	1	501956		1	Block, Short, Ford P/N 6009-GA, Diesel
3		C5NE9E320B		1	Drain Cock, Ford P/N 9N-8115-B, Gas and Diesel
4		NSS		1	Cover, Ford P/N D3JL-939-A, Gas and Diesel
5		500012		1	Gasket, Ford P/N JE-911-A, Gas and Diesel
6		D1NL6784A		1	Tube, For Dipstick, Ford P/N DINL-6784-A, Gas and Diesel
7		501614		1	Dipstick, Ford P/N D3JL-6750-B, Gas and Diesel
8		8N6763B		1	Pipe, Oil Filler, Ford P/N 310708, Diesel
		{501459}		1	Pipe, Oil Filler, w/Baffle, Ford P/N D3JL-6763-A, Gas and Diesel
9		501721		1	Cap, Oil Filler and Breather, Ford P/N C7NN-6N609-B, Gas and Diesel
10		501259		1	Cap, Oil Filler, On Rocker Cover, Ford P/N D2AE-6766-MA, Gas and Diesel
11		EAA66025A		2	Plug, Used in Crankshaft, Ford P/N EAA-66025-A, Gas and Diesel
12		EAF66025A		3	Plug, Used to Seal Camshaft Bearing Hole, Ford P/N EAF-66025-A, Gas and Diesel
13		EAF66045A		3	Seal, Camshaft Tube Hole, Ford P/N EAF-66045-A, Gas and Diesel
14		EAA6269B		1	Plate, Camshaft Thrust, Ford P/N EAA-6269-B, Gas and Diesel
15		EAF66040B		1	Cover, Front, Ford P/N 310647, Diesel
		EAF66040B		1	Cover, Front, Ford P/N EAF-66040-B, Gas
16		F2NN6020AA		1	Gasket, Front Cover, Ford P/N EAF-6020-B, Gas and Diesel
17		CONN6700A		1	Seal, Crankshaft Front, Replaces P/N 501424, Ford P/N CONN-6700-A, Gas
18		EAF12515A		1	Bushing, Governor Shaft, Ford P/N EAF-12515-A, Gas
19		EAF18183B		1	Seal, Governor Shaft, Ford P/N EAF-18183-B, Gas
20		D2JL12514A		1	Lever Assy., Governor, Ford P/N D2JL-12514-A, Gas

(1) Short Block includes the Block Crankshaft, Pistons, Camshaft, and related Internal Parts of the engine

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DIESEL FUEL SYSTEM

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
30		21470ES80		4	Bolt, Fluid Type, Ford P/N 21470-ES
31		311412		1	Tube, Leak-Off, Ford P/N 311412
32		501013		1	Nut, Leak-Off Tube, Ford P/N 87950-S
33		311410		1	Seal, Leak-Off Tube, Ford P/N 311410
34		87379S		1	Elbow, Ford P/N 87379-S
35		75633		1	Connector, Throttle Rod to Injection Pump, Ford P/N C3JZ-9740-A
36		NS		8	Washer, Ford P/N C3NN-94530-A

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INITIAL PARTS STOCK

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
		13542		10	BOLT Bolt, Wheel, 9/16"-18 x 1-1/8"
		39360		2	SPIDER Spider and Bearing
		48971		2	O-RING O-Ring, .612" ID x .103" Thk
		86516467		1	BEARING, CUP Bearing, Cup
		86516468		1	BEARING, CONE Bearing, Cone
		128644		1	COVER, CAP Cap, Fuel Tank
		128825		5	O-RING O-Ring, 90 Duro, .644" ID x .087" Thk
		9617873		5	O-RING O-Ring, 90 Duro, .468" ID x .078" Thk
		129365		10	PIN, SPLIT (COTTER) Pin, Cotter, Hair
		135804		1	SEAL PROTECTION Seal, Oil
		136440		1	KIT, SEALS Kit, Seal
		167269		4	O-RING O-Ring, 90 Duro, .755" ID x .097" Thk
		167334		5	KEY, IGNITION Key, Ignition
		196578		1	GEAR, BEVEL Gear, Bevel
		196927		2	GASKET Seal, Oil
		196945		5	SHIM Shim, .002" Thk
		196946		5	SHIM Shim, .005" Thk
		196947		2	SHIM Shim, .020" Thk
		196949		1	GASKET Gasket
		196955		2	DUST CAP Cap, Hub
		216872		1	COUPLING Retainer
		216873		1	GASKET Seal
		9848787		1	VALVE, PRESSURE RELIEF Valve, Relief
		217571		4	BUSHING Bushing
		219505		2	KIT, MISC Kit, Seal
		221409		2	FILTER, AIR Element, Outer
		221806		1	O-RING O-Ring
		768115		2	CIRCUIT BREAKER Circuit Breaker
		238465		1	JOINT, UNIVERSAL Coupler
		242605		1	CONNECTOR Nipple, Coupler
		255771		1	PLUG Cap, Oil Reservoir
		256873		50	SCREW Screw, Cap, Flg Hd, USR, 5/16"-18 x 1/2"
		259820		1	DAMPER Damper, Steering
		86542664		3	FILTER, HYDRAULIC OIL Filter, Oil
		263141		1	PINION, BEVEL Pinion
		263325		1	BRAKE DISC Brake Disc

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270181	067		24	271644	076		24
270182	067		26		093		23
270183	068		11	271645	076		33
	069		3		093		32
270184	067		29	271646	077		22
	076		6		090		19
	093		5	271647	076		25
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	080		35		090		11
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270189	074		14	271649	078		18
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270191	074		16		093		9
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270194	069		6	271655	076		3
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	023				016		9A
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271617	081		13	271693	082		5
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271625	080		23	271704	081		15
271626	080			271705	081		4
271627	078		1		094		14
	080			271753	076		18
271628	080		40		093		17
271631	079			271755	077		1
	082				090		1
271632	082			271756	077		10
271633	076		14		090		9
	079		13	271757	076		23
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	081				093		3
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271638	080		33	271761	079		1
271639	080		24		092		1
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