Illustrated Parts Manual

Models

450A

450AJ

PRIOR TO SN 0300065080
*See Revision Log Page for exceptions

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ANSI

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FIGURE 2-15. PISTON PUMP ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**PISTON PUMP ASSEMBLIES**	
	3600260	Ref	**Piston Pump Assemblies (Prior to SN 0300043370)**	1-A
	3600290	Ref	**Piston Pump Assemblies (SN 0300043370 through 0300065080)**	1-A
1	Not Available	1	Shim Kit - Relief Valve	
2	7007414	1	Plug	
3	See Note	NSS	O-Ring (Note: Use Item 101)	
4	7021200	1	Spring, Relief Valve	
5	7007417	1	Valve, Relief	
6	See Note	NSS	O-Ring (Note: Use Item 101)	
7	7007419	2	Plug	
10	7007420	2	Plug	
11	7007208	2	Plug	
12	7007421	10	Screw	
14	See Note	NSS	Gasket, Servo Cover (Note: Use Item 101)	
15	7007423	1	Nut, Special	
16	7007424	1	Cover, Adjustment	
18	7007425	1	Bearing, Needle	
19	See Note	NSS	Ring, Retaining (Note: Use Item 104)	
20	See Note	NSS	Washer (Note: Use Item 104)	
21	See Note	NSS	Spring (Note: Use Item 104)	
23	See Note	NSS	Washer (Note: Use Item 104)	
24	See Note	NSS	Retainer (Note: Use Item 104)	
25	See Note	NSS	Pin, Slipper Holddown (Note: Use Item 104)	
26	See Note	NSS	Piston Assembly (Note: Use Item 104)	
27	See Note	NSS	Guide, Slipper (Note: Use Item 104)	
28	See Note	NSS	Guide, Retainer (Note: Use Item 104)	
29	7007435	1	Pin, Spring	
30	7007436	1	Screw, 12 Point Head	
31	7007437	1	Bearing, Ball	
32	7007438	2	Ring	
33	7007439	2	Ring	
34	7007440	2	Pin, Spring	
35	7007441	1	Handle, Pin	
36	7007442	1	Sleeve, Bearing	
37	See Note	NSS	Gasket, Front Cover (Note: Use Item 101)	
38	7007444	1	Pin	
39	7007445	1	Plug, Expansion	
40	See Note	NSS	Pin (Note: Use Item 104)	
41	See Note	1	O-Ring (Note: Use Items 101 or 103)	
42	See Note	1	Ring, Load Temper (Note: Use Items 101 or 103)	
43	7007449	1	Housing, Pump	
44	See Note	NSS	Ring, Back-Up (Note: Use Item 101)	
45	See Note	NSS	O-Ring (Note: Use Item 101)	
46	See Note	NSS	Cover, Gerotor (Note: Use Item 103)	
47	7007453	3	Bolt, Hex	
48	7007208	1	Plug	
49	7007454	1	Cover, Front	
50	See Note	NSS	Block, Cylinder (Note: Use Item 104)	
51	7007456	6	Screw, 12 Point Head	

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FIGURE 3-4. MAIN BOOM ASSEMBLIES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**MAIN BOOM ASSEMBLY OPTIONS:**	
	0801131	Ref	**Main Boom Assembly 450A**	D
	0801148	Ref	**Main Boom Assembly 450AJ**	D
1	0100011	AR	Loctite #242 (Not Shown)	
2	0560923	1	Block, Tube Support	
3	0641404	8	Bolt 1/4in-20NC x 1/2in	
4	0641606	8	Bolt 3/8in-16NC x 3/4in	
5	0641607	14	Bolt 3/8in-16NC x 7/8in	
6	0641608	6	Bolt 3/8in-16NC x 1in	
7		Ref	Base Weldment Options:	
7	0801129	1	Base Weldment 450A	
7	0801146	1	Base Weldment 450AJ	
8		Ref	Fly Weldment Options:	
8	0801130	NLA	Fly Weldment 450A (Use p/n 0801170) **(Prior to SN 0300037903)**	
8	0801170	1	Fly Weldment 450A **(SN 0300037903 through 0300065080)**	
8	0801147	1	Fly Weldment 450AJ	
9	0961950	4	Bushing, Garmax	
11	3311401	2	Nut 1/4in-20NC	
12	3311605	4	Locknut 3/8in-16NC	
13	3340756	9	Pad, Wear	
14	3340836	2	Pad, Wear	
15	3340837	2	Pad, Wear	
16	3422705	1	Pin	
17		Ref	Pin Options:	
17	3422706	1	Pin **(Prior to SN 0300037743)**	
17	3422745	1	Pin **(SN 0300037743 through 0300065080)**	
18	3570869	1	Cover, Boom End	
19	3760115	2	Ring, Retaining	
20	3760133	2	Ring, Retaining	
21	4070559	AR	Shim	
22	4070898	AR	Shim	
23	4751400	10	Flatwasher 1/4in	
24	4751600	4	Flatwasher 3/8in	
25	4761400	10	Lockwasher 1/4in	
26	4761600	6	Lockwasher 3/8in	
27		Ref	Cover, Hose	
27	4845767	1	Cover, Hose 450A	
27	4845696	1	Cover, Hose 450AJ	
28	1180227	1	Powertrack	
28	7006152	1	Kit, Pin (1 pin, 4 Different Size Washers and 1 Retaining Ring)	
28	7006151	1	Feet Mounting	
28	7006139	1	1ft Section	
28	7006156	1	Rod, Carrier	
29		Ref	Telescope Cylinder Assembly Options:	
29	1683582	NLA	Telescope Cylinder Assembly 450A (Use p/n 1683716) **(Prior to SN 0300038481)**	
29	1683716	1	Telescope Cylinder Assembly 450A **(SN 0300038481 through 0300065080)**	
29	1683653	NLA	Telescope Cylinder Assembly 450AJ (Use p/n 1683718) **(Prior**	

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FIGURE 4-2. PLATFORM CONSOLE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**CONSOLE BOX ASSEMBLY OPTIONS:**	
	0861167	Ref	**2WD Machines with Poly Box**	8
	0861238	Ref	**2WD Machines with Aluminum Box**	7
	0861168	Ref	**4WD Machines with Poly Box**	8
	0861239	Ref	**4WD Machines with Aluminum Box**	7
1		Ref	Box, Console Options:	
1	0861195	1	Poly Box	
1	7020099	1	Fastener	
1	7020100	1	Mounting Clip	
1	0860984	1	Aluminum Box	
1	3931664	1	Bolt 3/8in-16NC 4in	
1	3790109	1	O-Ring	
2	3740113	1	Relay, Time Delay	
3	3740115	1	Relay, Time Delay	
4		Ref	Controller and PC Board Assy Options (Lift and Swing):	
4	1600278	NLA	Controller and PC Board Assy (Use p/n 1600288 - See CONTROLLER ASSEMBLY (LIFT AND SWING) for Breakdown) **(Prior to SN 0300039857)**	
4	1600288	1	Controller and PC Board Assy (See CONTROLLER ASSEMBLY (LIFT AND SWING) for Breakdown) **(SN 0300039857 through 0300065080)**	
5		Ref	Controller Assembly Options (Drive and Steer):	
5	1600270	NLA	Controller Assembly (Use p/n 1600287 - See CONTROLLER ASSEMBLY (DRIVE AND STEER) for Breakdown) **(Prior to SN 0300039857)**	
5	1600287	1	Controller Assembly (See CONTROLLER ASSEMBLY (DRIVE AND STEER) for Breakdown) **(SN 0300039857 through 0300065080)**	
7		Ref	Decal (Horn/Drive Speed/Level) Options:	
7	1703689	1	2WD Machines	
7	1703678	1	4WD Machines	
8	1702564	1	Decal (Stop)	
9	1702565	1	Decal (Drive and Steer)	
10	1702566	1	Decal (Lift and Swing)	
11	1702567	1	Decal (Lower Lift/Tele/Rotate/Jib)	
12	2760105	1	Housing, Display Light	
13	4360387	1	Switch, Pushbutton	
14	2560136	1	Knob, Speed Control	
15	1600272	1	Speed Controller Assembly (See CONTROLLER ASSEMBLY (SPEED) for Breakdown)	
16	3311005	5	Locknut #10-24NC	
17		Ref	Switch, Emergency Stop Options:	
17	4360289	1	Switch, Emergency Stop **(Prior to SN 0300044666)**	
17	4360475	1	Switch, Emergency Stop **(SN 0300044666 through 0300065080)**	
17	7012611	1	Cap, Mushroom **(Prior to SN 0300044666)**	
17	7020175	1	Cap, Mushroom **(SN 0300044666 through 0300065080)**	
17	7012612	1	Boot Only **(Prior to SN 0300044666)**	
17A	7020176	1	Block, Contact **(SN 0300044666 through 0300065080)**	
18		Ref	Block, Contact Options:	
18	4360282	1	Block, Contact **(Prior to SN 0300044666)**	
18	4360476	1	Block, Contact **(SN 0300044666 through 0300065080)**	

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