Illustrated Parts Manual

Models
E450A/
E450AJ
M450AJ

SN 0300208529
TO SN 0300272287

SN B300001429
TO SN B300005763
EXCLUDING SN B300005567

P/N
3121715

April 3, 2020 - Rev P

ANSI

AS/NZS

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FIGURE 4-11. ROTATOR ASSEMBLY - E450AJ/M450AJ

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0060044	Ref	ROTATOR ASSEMBLY - E450AJ/M450AJ	D
1	See Note	1	Case/Bracket Weldment (Note: Not Available - Purchase Complete Assembly)	
1A	0962257	2	Bushing	
1B	0961947	2	Bushing	
2	7017120	1	Shaft (Rotator with Helac Control #25928)	
2	7017196	1	Shaft (Rotator with Helac Control #26962)	
3	7017121	1	Piston Sleeve (Rotator with Helac Control #25928)	
3	7027900	1	Piston Sleeve (Rotator with Helac Control #26962)	
4	See Note	1	Cap, End (Rotator with Helac Control #25928) (Note: Use p/n 0060044)	
4	7027901	1	Cap, End (Rotator with Helac Control #26962)	
5	See Note	3	Capscrew, 1/4-20 x 1-1/2, Grade 8 (Note: Not Available - Purchase Locally)	
7	7017126	1	Tie Rod Assembly	
20	See Note	NSS	Seal, Rod (Note: Use Item 52)	
22	See Note	NSS	Seal, Piston (Note: Use Item 52)	
24	See Note	NSS	Seal, Cap (Note: Use Item 52)	
25	See Note	NSS	Packing, Bearing (Note: Use Item 52)	
26	See Note	NSS	Seal (Note: Use Item 52)	
27	See Note	NSS	Ring, Back-Up Cap (Note: Use Item 52)	
32	See Note	NSS	Bearing, Shaft (Note: Use Item 51)	
34	See Note	2	Washer, Thrust (Note: Use Item 51)	
41	7017172	1	Counterbalance Valve Assembly (Helac p/n 24327, 26553 or 26554 Stamped Beside Mounting Screws)	
41A	7011323	2	Valve, Cartridge (Helac p/n 24327 Valve)	
41A	2900770	2	Seal Kit - 7011323 Cartridge (1 Per Assembly)	
41A	7017192	2	Valve Cartridge (Helac p/n 26553 or 26554) (No Seal Kit Available)	
42	70004323	1	Bushing, Shaft	
51	7017122	1	Bearing Kit (Includes Items 32-34)	
52	7017127	1	Seal Kit - Standard (Includes Items 20,22,24,25,26 & 27)	
52	70000341	1	Seal Kit - Low Temperature (Includes Items 20,22,24,25,26 & 27)	
53	7017123	1	Hardware Kit	

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FIGURE 5-9. PLATFORM ASSEMBLY - 6FT/1.83M - FALL ARREST

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186333	Ref	PLATFORM ASSEMBLY - 6ft/1.83m - FALL ARREST	C
	See Note	Ref	Note: Fall Arrest Not Available on CE Spec Platform Assembly.	
		Ref	Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION	
1	0681814	2	Bolt, 1/2-13 X 1-3/4, Grade 8	
2	0681822	4	Bolt, 1/2-13 X 2-3/4, Grade 8	
3	0962270	2	Bearing	
4	1060919	NLA	Cable, Fall Arrest (Use p/n 1001203655) **(SN 0300208529 through 0300213992)**	
4	1001203655	1	Cable, Fall Arrest **(SN 0300213993 through 0300272287)**	
5	1702773	1	Decal - JLG	
6	1705014	1	Decal - Safety	
7	1706385	1	Decal - Drop Bar	
8	2410014	1	Gate, Weldment	
9	3271805	6	Nut, Lock, 1/2-13	
10	3311605	1	Nut, Lock, 3/8-16	
11	3520072	1	Plug, Cap	
12	3900054	1	Bolt, 1/2-13 X 1-3/4	
13	4711800	AR	Washer, 1/2	
14	4751800	AR	Washer, 1/2	
15	See Note	1	Platform, Weldment (Note: Not Available - Purchase Platform Assembly)	

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FIGURE 6-12. LIFT CYLINDER ASSEMBLY - MID - E450A (SN 0300239756 through 0300272287)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228036	Ref	LIFT CYLINDER ASSEMBLY - MID	E
		Ref	Note: Original Cylinder may have been replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	See Note	NSS	Barrel Weldment (Note: Not Available for Purchase)	
2	70006543	1	Rod Weldment	
3	70006542	1	Head	
4	70006533	1	Retainer	
5	See Note	NSS	Wiper (Note: Use Item 100)	
6	See Note	NSS	Seal, Rod (Note: Use Item 100)	
7	See Note	NSS	Ring, Wear (Note: Use Item 100)	
8	See Note	NSS	O-Ring (Note: Use Item 100)	
9	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
10	70006532	1	Piston	
11	See Note	NSS	Seal (Note: Use Item 100)	
12	See Note	NSS	Ring, Wear (Note: Use Item 100)	
13	See Note	NSS	O-Ring (Note: Use Item 100)	
14	4740207	1	Washer	
15	70006539	1	Spacer	
16	3300281	1	Nut	
17	3900170	1	Setscrew	
18	4640634	1	Cartridge, Holding Valve	
18	2900770	1	Seal Kit - 4640634 Valve	
19	4641386	1	Cartridge, Holding Valve	
19	7011376	1	Seal Kit - 4641386 Valve	
20	0961950	4	Bushing	
21	2220883	4	Plug, O-Ring	
22	2220885	2	Plug, O-Ring	
23	0100011	AR	Compound, Locking	
24	0100038	AR	Primer, Locking	
100	2901806	1	Seal Kit (Includes Items 5-9 & 11-13)	

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