Illustrated Parts Manual

Model
1500SJ

SN 0300209000 to SN 0300272505

P/N
3121733

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SECTION 5 - PLATFORM 423

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7024188	Ref	MOTOR ASSEMBLY	
101	7024391	5	Bolt	
102	7004035	1	Cover, End	
103	See Note	NSS	Seal, Commutator (Note: Use Item 126)	
104	See Note	NSS	Seal, Ring (Note: Use Item 126)	
105	7024453	1	Commutator and Ring Assembly	
106	7004453	1	Ring	
107	7024379	1	Manifold	
108	7024392	1	Rotor Set	
109	7024380	1	Plate, Wear	
110	7024393	1	Link, Drive	
112	7024395	1	Shaft, Coupling	
113	7024381	1	Bushing, Bronze	
114	7004043	1	Thrustwasher	
115	7004044	1	Bearing, Thrust	
116	See Note	NSS	Seal, Inner (Note: Use Item 126)	
117	See Note	NSS	Washer, Back-up (Note: Use Item 126)	
118	7024394	1	Housing	
119	7024390	1	Bearing	
120	See Note	NSS	Seal (Note: Use Item 126)	
121	7010795	1	Plug, O-Ring	
126	7024389	1	Seal Kit - 7024188 Motor (Includes Items 103, 104, 116, 117 & 120)	
	70003524	Ref	BRAKE ASSEMBLY	
201	7024189	1	Shaft	
202	See Note	1	Housing (Note: Not Available - Purchase Complete Assembly)	
203	See Note	NSS	Plate, Friction (Note: Use Item 227)	
204	See Note	NSS	Plate, Pressure (Note: Use Item 227)	
205	7000731	1	Gasket	
206	See Note	NSS	Plate, Outer (Note: Use Item 227)	
207	See Note	NSS	Gasket (Note: Use Item 226 or 227)	
208	7024191	1	Cylinder	
209	7024192	1	Piston	
210	See Note	NSS	Bearing, Ball (Note: Use Item 227)	
211	See Note	NSS	Ring, Retaining (Note: Use Item 227)	
212	See Note	NSS	Seal, Shaft (Note: Use Item 227)	
213	See Note	6	Capscrew (Note: Not Available - Purchase Locally)	
214	See Note	6	Washer (Note: Not Available - Purchase Locally)	
215	See Note	NSS	O-Ring (Note: Use Item 226)	
216	See Note	NSS	Ring, Back-up (Note: Use Item 226)	
217	See Note	NSS	O-Ring (Note: Use Item 226)	
218	See Note	NSS	Ring, Back-up (Note: Use Item 226)	
219	7024190	2	Pin, Dowel	
220	See Note	1	Plug (Note: Not Available - Purchase Locally)	
221	See Note	1	Plug (Note: Not Available - Purchase Locally)	
222	See Note	NSS	Spring (Natural) (Note: Use Item 227)	
223	See Note	NSS	Spring (Blue) (Note: Use Item 227)	
226	7024194	1	Seal Kit - Brake (Includes Items 205, 207 & 215-218)	
227	7024196	1	Spring Kit - Brake (Includes 12 Natural and 2 Blue Colored Springs)	
227	7024193	1	Friction Disc Kit - Brake (Includes Items 203, 204, 206 & 207)	
227	7024197	1	Bearing Kit - Brake (Includes Items 207 & 210-212)	

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FIGURE 5-44. SKYCUTTER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001098149	Ref	SKYCUTTER INSTALLATION	D
		Ref	Note: ANSI, ANSI Export, CSA and Japanese Specs Only.	
		Ref	Note: When replacing platform on machines with SkyCutter option, new bracket p/n 1001145405 must be purchased to accommodate SkyCutter components.	
1	0100020	AR	Sealant	
2	1320177	2	Clamp, Hose	
3	2180832	1	Fitting, NPT/Barbed	
4	3290605	2	Nut M6	
5	2720160	3 ft/.9m	Hose	
6	3421453	3	Pin	
7	3576799	1	Plate, Hold-Down	
8	4010608	2	Screw M6 x 16	
10	4460971	1	Plug, Twistlock	
11	4811700	2	Washer M6	
12	1001098012	1	Plasma Cutter Assembly (See PLASMA CUTTER ASSEMBLY for Breakdown)	
13	0630518	2	Screw #10 x 3/4	
14	2030010	1	Extinguisher, Fire	
15	3311005	2	Nut #10	
16	4751000	2	Washer #10	
17	1001145405	1	Support	
	0272599	Ref	SKYCUTTER DECAL INSTALLATION (ANSI, ANSI EXPORT AND CSA SPECS)	B
101	1702868	1	Decal - No Hands	
102	1705305	1	Decal - Weld Lead	
103	1705466	NLA	Decal - Weight (Use p/n 1001228988) **(SN 0300209000 through 0300234293)**	
103	1001228988	1	Decal - Weight **(SN 0300234294 through 0300272505)**	
104	1705490	2	Decal - SkyCutter	
	0272607	Ref	SKYCUTTER DECAL INSTALLATION (JAPANESE SPECS)	B
201	1705490	2	Decal - SkyCutter	
202	1705305	1	Decal - Weld Lead	
203	1705466	NLA	Decal - Weight (Use p/n 1001228988) **(SN 0300209000 through 0300234293)**	
203	1001228988	1	Decal - Weight **(SN 0300234294 through 0300272505)**	

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FIGURE 6-12. LIFT (JIB) CYLINDER ASSEMBLY (SN 0300209000 through 0300239990)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001140104	Ref	LIFT (JIB) CYLINDER ASSEMBLY	D
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	0100011	AR	Compound, Locking	
2	0630535	3	Capscrew 1/4 x 1-1/8	
3	0791003	1	Screw #10 x 3/8	
4	0961897	1	Bushing, Tapered	
5	1320136	1	Clamp, Cable	
6	1683063	1	Head	
7	2220883	1	Plug, O-Ring	
8	2220885	2	Plug, O-Ring	
9	2220886	1	Plug, O-Ring	
10	3020039	AR	Lubricant	
11	3480282	1	Piston	
12	3760371	1	Ring, Washer	
13	3931420	8	Capscrew 1/4 x 1-1/4	
14	3931824	8	Capscrew 1/2 x 1-1/2	
15	3951003	1	Setscrew #10 x 3/8	
16	4100099	1	Spacer	
17	4640999	1	Cartridge, Holding Valve (Non Vented)	
17	2900792	1	Seal Kit - 4640999 Cartridge Valve	
18	4641248	1	Cartridge, Counterbalance Valve (Non Vented)	
18	See Note	1	Seal Kit - 4641248 Cartridge Valve (Note: Not Available for Purchase)	
19	1001117991	1	Sensor, Cylinder Length	
20	1001118070	1	Cap, Retainer	
21	1001118084	1	Barrel Weldment	
21A	0961950	2	Bushing	
22	1001118086	1	Rod Weldment	
22A	0961950	2	Bushing	
100	1001139996	1	Seal Kit (Includes Items 101-109)	
101	See Note	NSS	Ring, Wear (Note: Use Item 100)	
102	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
103	See Note	NSS	Ring, Lock (Note: Use Item 100)	
104	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
105	See Note	NSS	O-Ring (Note: Use Item 100)	
106	See Note	NSS	O-Ring (Note: Use Item 100)	
107	See Note	NSS	Seal (Note: Use Item 100)	
108	See Note	NSS	Wiper, Rod (Note: Use Item 100)	
109	See Note	NSS	Seal (Note: Use Item 100)	
200	1001119105	1	Sensor Magnet Kit (Includes Items 201-203)	
201	1001117994	2	Sleeve, Spacer	
202	1001118066	1	Magnet, Sensor	
203	1001118069	1	Ring, Internal Retaining	

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