



GMS INDUSTRIES
PO BOX 167
807 West 4th Street
Buchanan, MI 49107

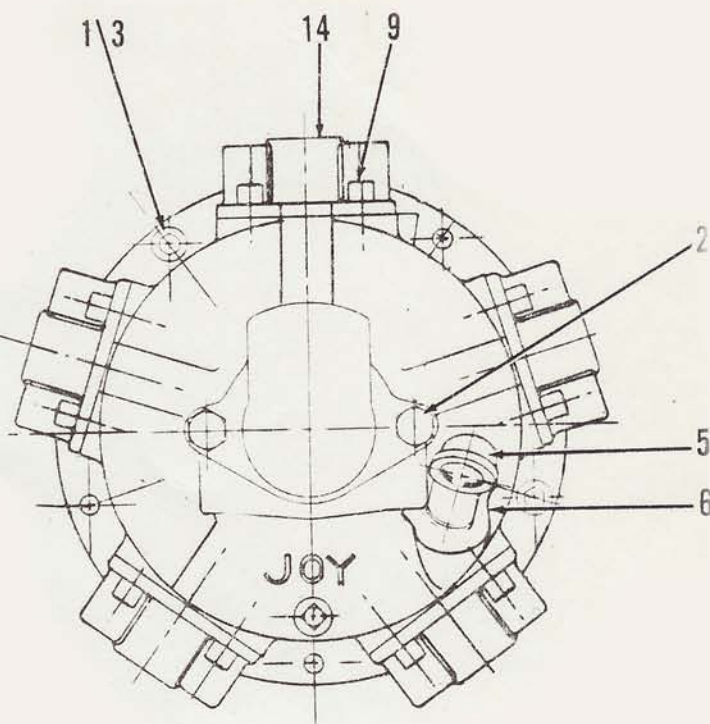
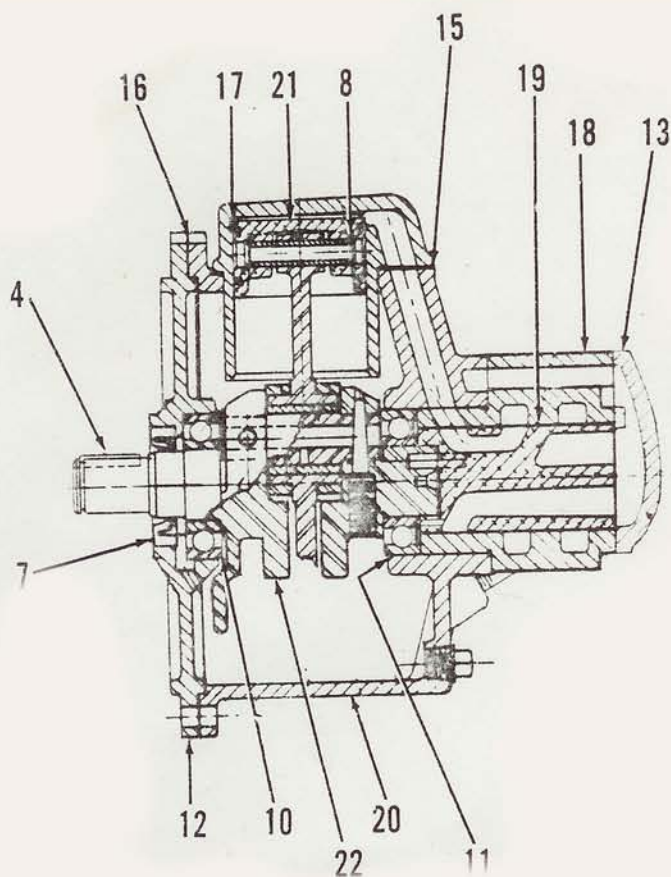
OEM: GMS INDUSTRIES
269-695-2244
www.joywinch.com

Bill of Material Number:
502048-156

AMP-38 AIR MOTOR ASSEMBLY

REF #	PART NUMBER	DESCRIPTION	QTY	REF #	PART NUMBER	DESCRIPTION	QTY
1	900012-23	CAPSCREW, Hex Head	2	20	3157175-19	MOTOR HOUSING	1
2	900020-103	CAPSCREW, Hex Head	2	*	901204-3	Pipe Plug	1
3	900160-4	NUT, Hex	2	21	3157251-14	PISTON ASSEMBLY	5
4	900958-1071	KEY, Square and Flat	1	*	1157243-51	Pin	1
5	901023-5	ELBOW, 90 Degree	1	22	3157525-12	CRANKSHAFT & CONNECTING ROD ASSEMBLY	1
6	901176-95	NIPPLE, Pipe	6			includes:	
7	901246-21	OIL SEAL	1	*	3157533-10	CRANKSHAFT ASSY	1
8	902109-43	SNAP RING	1	*	900583-80	Taper Pin	1
9	902224-753	CAPSCREW, Knurled Soc. Hd.	20	*	906197-141	Set Screw & Spring Pin	1
10	940016-206	BEARING, Ball	1			Crankshaft, Crank Pin.	
11	940021-206	BEARING	1			Spring Pin, Dowel Pin,	
12	1157049-14	BEARING BRK, Flange Mount	1	*	1157062-25	BUSHING	1
13	1157101-60	VALVE COVER	1	*	1157282-4	RETAINING RING	2
14	1157105-21	CYLINDER	5	*	1157288-17	CONNECTING ROD	5
15	1157133-15	GASKET	5	*	502002-100	VALVE, Four Way	1
16	1157133-17	GASKET	1	*	901046-4	ELBOW, Street	6
17	1157283-4	PISTON RING	10	*	901128-3	UNION, Female	2
18	1157383-7	VALVE HOUSING	1	*	901176-49	NIPPLE, Pipe	2
19	1157524-47	ROTARY VALVE	1	*	901176-76	NIPPLE, Pipe	2
				*	901313-13	HANDLE	1
				*	150566	WASHER, Copper	20

* Indicates part not included in drawing



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