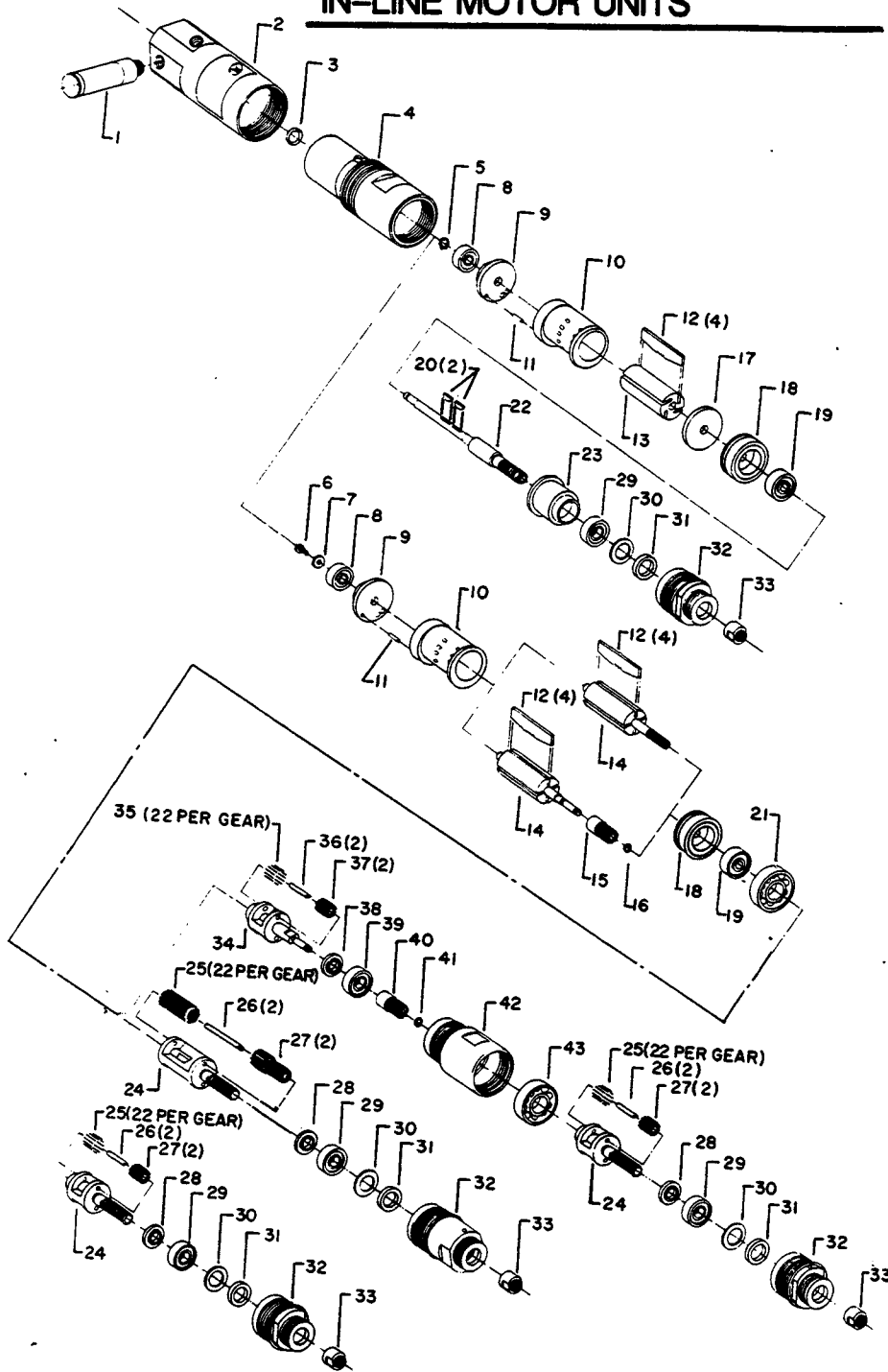


BUCKEYE™

Models: 31MF-900A series IN-LINE MOTOR UNITS

31MF-900A
31MF-901A
31MF-902A
31MF-903A
31MF-904A
31MF-905A
31MF-906A
31MF-907A



REF. NO.	PART NO.	DESCRIPTION
1	1015869	Muffer
2	1015496	Rear Head
3	1008680	O-Ring
4	1015495	Motor Housing
5	1012831	Retaining Ring (31MF-900)
6	1011750	Screw (31MF-901,02,03,04,05,06,07)
7	1012518	Washer (31MF-901,02,03,04,05,06,07)
8	1010183	Ball Bearing
9	1012239	Rear Plate
10	1008309	Cylinder, Incl: #11
11	1008265	Pin
12	1008256	(4) Rotor Blade
13	1008537	Rotor (31MF-900)
14	1012811	Rotor (31MF-901,05)
(n) 14	1024723	Rotor - 9T (31MF-902,06)
15	1012812	Rotor - 5T (31MF-903,04,07)
16	1021745	Pinion (31MF-901,05)
17	1007548	Retaining Ring (31MF-901,05)
18	1012269	Wear Plate (31MF-900)
19	1008260	Front Plate
20	1010770	Ball Bearing
21	1008595	Woodruff Key (31MF-900)
22	1008262	Ball Bearing (31MF-901,02,03,04,05,06,07)
23	1012827	Spindle (31MF-900)
24	1012788	Spacer (31MF-900)
25	1008235	Planet Cage (31MF-901,05,06,07)
26	1008236	Planet Cage (31MF-902)
27	1008239	Planet Cage (31MF-903)
28	1008953	Planet Cage (31MF-904)
29	1004984	(22) Planet Roller (31MF-901,02,03,05,06,07)
30	1005024	(22) Planet Roller (31MF-904)
31	1004983	(2) Planet Pin (31MF-901,02,03,05,06,07)
32	1005010	(2) Planet Pin (31MF-904)
33	1008250	Planet Gear - 16T (31MF-901,05,06,07)
34	1008252	Planet Gear - 19T (31MF-902)
35	1008241	Planet Gear - 21T (31MF-903)
36	1008952	Planet Gear (31MF-904)
(n) 37	1017051	Planet Cage Washer (31MF-901,05,06,07)
(n) 38	1017053	Planet Cage Washer (31MF-902)
(n) 39	1017052	Planet Cage Washer (31MF-903,04)
40	1005062	Ball Bearing
41	1005051	Steel Washer
42	1005044	Felt Washer
43	1008961	Nose & Internal Gear (31MF-901,05,06,07)
44	1008960	Nose & Internal Gear (31MF-902,03)
45	1008963	Nose & Internal Gear (31MF-904)
46	1012152	Nose (31MF-900)
47	1005071	Spindle Nut
48	1008319	Planet Cage (31MF-905)
49	1008318	Planet Cage (31MF-906)
50	1008317	Planet Cage (31MF-907)
51	1004984	(22) Planet Roller (31MF-905,06,07)
52	1004983	(2) Planet Pin (31MF-905,06,07)
53	1008250	Planet Gear - 16T (31MF-905)
54	1008252	Planet Gear - 19T (31MF-906)
55	1008241	Planet Gear - 21T (31MF-907)
(n) 56	1017051	Planet Cage Washer (31MF-905)
(n) 57	1017053	Planet Cage Washer (31MF-906)
(n) 58	1017052	Planet Cage Washer (31MF-907)
59	1005062	Ball Bearing (31MF-905,06,07)
60	1021745	Pinion (31MF-905,06,07)
61	1007548	Retaining Ring (31MF-905,06,07)
62	1008955	Gear Housing (31MF-905)
63	1008956	Gear Housing (31MF-906,07)
64	1008262	Ball Bearing (31MF-905,06,07)
(n) 65	NEW PART	

SERVICE NOTES

<u>MODEL NO.</u>	<u>TOOL SPEED</u> (RPM)	<u>OUTPUT SPINDLE</u>
31MF-900A	20,000	3/8" -24 R.H. Thd.
31MF-901A	5,000	" " " "
31MF-902A	3,000	" " " "
31MF-903A	1,850	" " " "
31MF-904A	1,400	" " " "
31MF-905A	1,100	" " " "
31MF-906A	750	" " " "
31MF-907A	450	" " " "

FEATURES

1" -20 L.H. Nose Thread
R.H. Rotation

POWER SOURCE

Requirements: 90-100 PSI Air Pressure, Minimum 1/4" I.D. Hose
Air Inlet Thread Size: 1/4" NPT