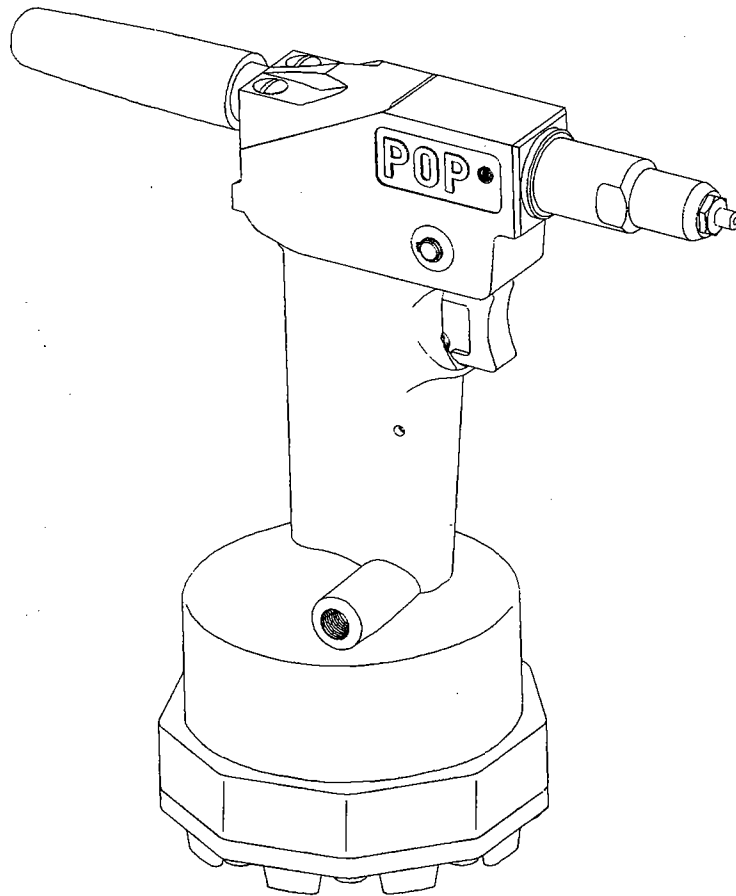


INSTRUCTION MANUAL

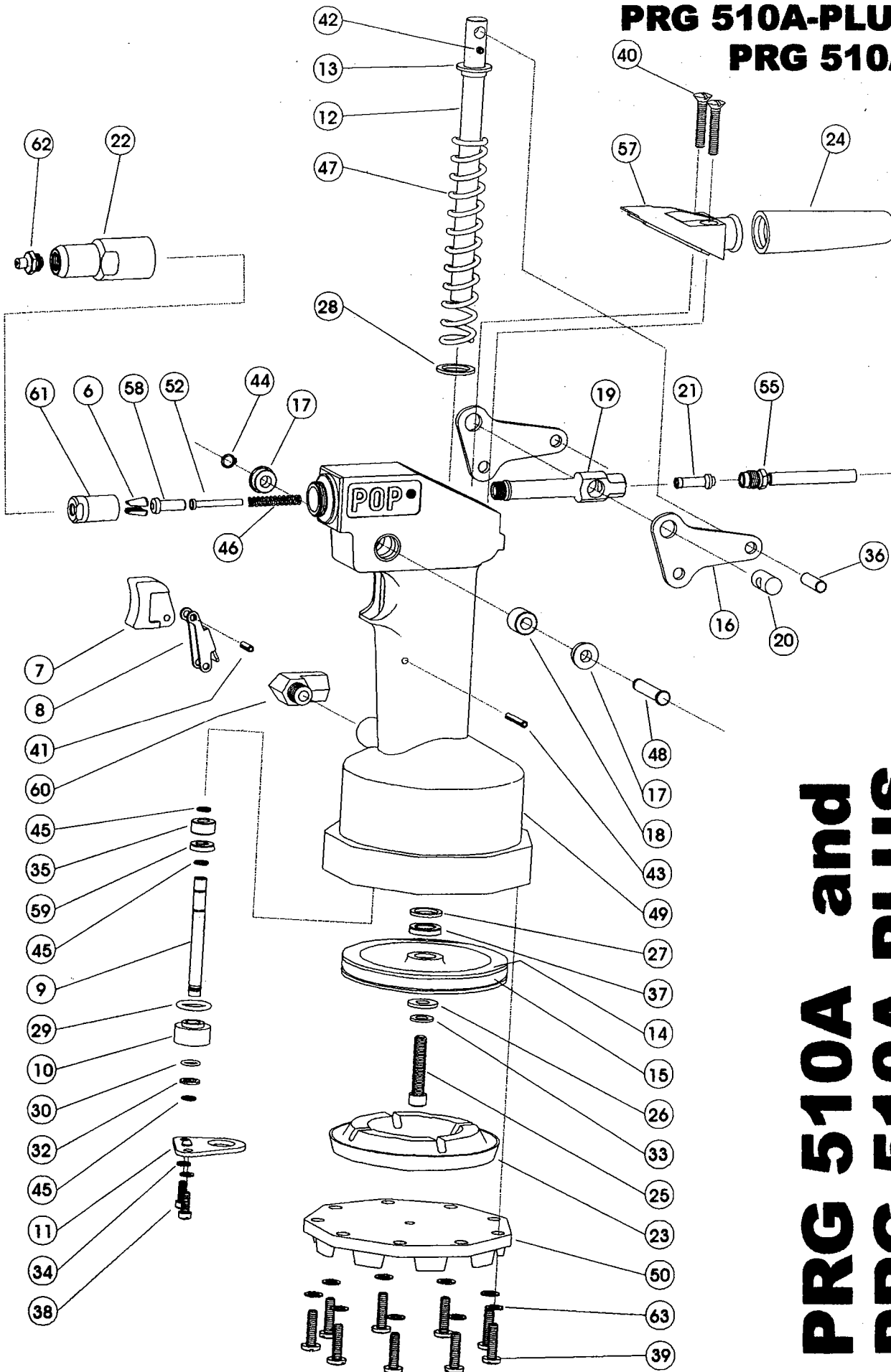
**Series 510A Pneumatic
POP® Rivetools,
MCS 510A, PRG 510A,
MCS 511A, PRG 511A
and PRG 510A Plus.**



Emhart
POP

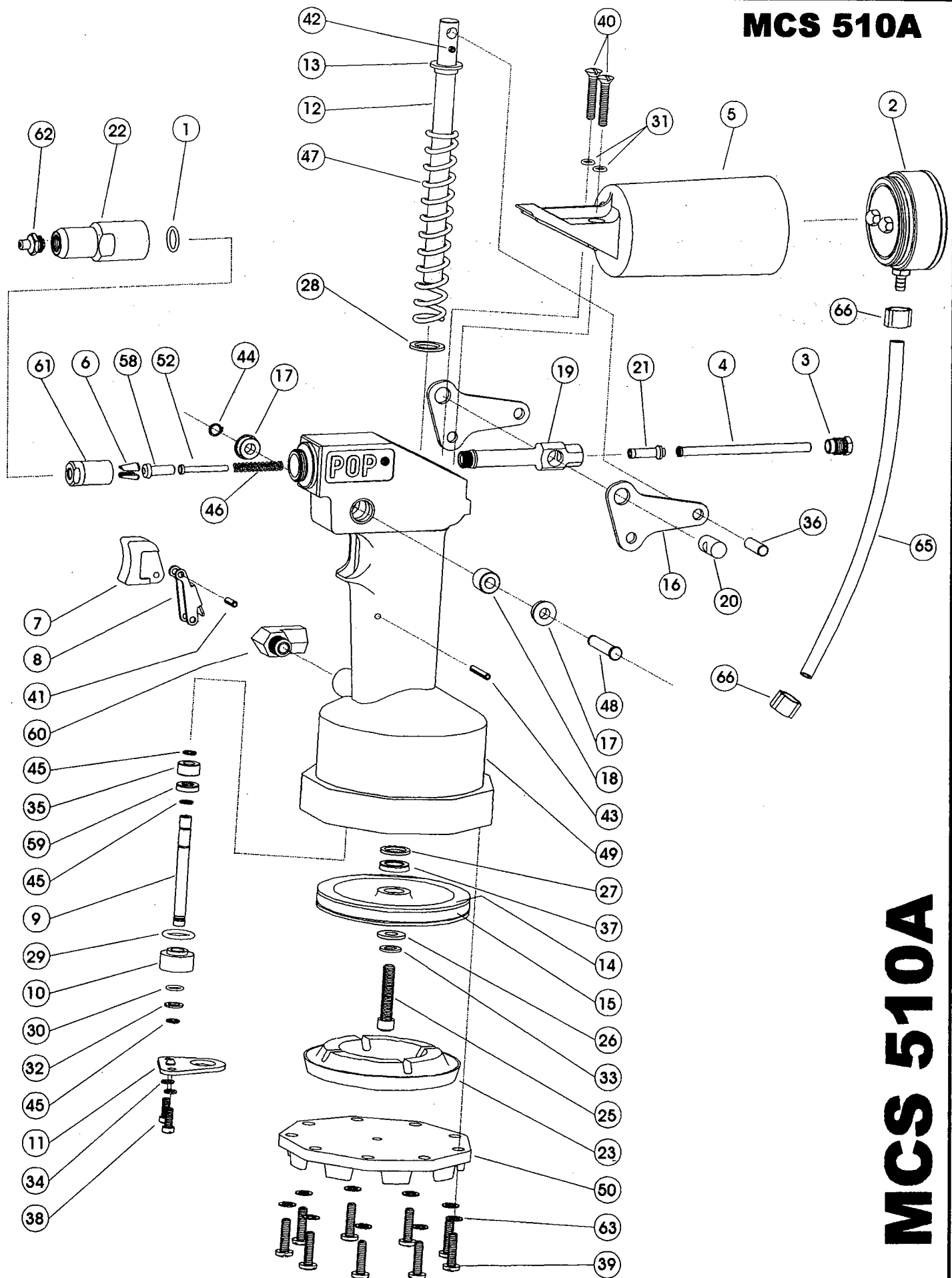
A BLACK & DECKER COMPANY

PRG 510A-PLUS PRG 510A



PRG 510A and PRG 510A-PLUS

MCS 510A



MCS 510A

ITEM	PART NUMBER	DESCRIPTION	MCS510A	MCS511A	PRG510A	PRG510A PLUS	PRG511A
1	MCS500-34	NOSE HOUSING O-RING	1	1			
2	MCS500-101	VACUUM CAP	1	1			
3	MCS510-11	MANDREL GUIDE NUT	1	1			
4	MCS510-12	MANDREL GUIDE	1	1			
5	MCS510-101	COLLECTOR BOTTLE ASSEMBLY	1	1			
6	PRG402-8A	JAW	2	2	2	2	2
7	PRG510-35	TRIGGER	1	1	1	1	1
8	PRG510-36A	TRIGGER LEVER	1	1	1	1	1
9	PRG510-37	VALVE TUBE	1	1	1	1	1
10	PRG510-38	VALVE SEAT	1	1	1	1	1
11	PRG510-39+	VALVE PLATE	1	1	1	1	1
12	PRG510-41+	PISTON ROD ASSEMBLY	1	1	1	1	1
13	PRG510-42	SPRING CAP	1	1	1	1	1
14	PRG510-43	PISTON	1	1	1	1	1
15	PRG510-44	PISTON SEAL	1	1	1	1	1
16	PRG510-45	BELL CRANK	2	2	2	2	2
17	PRG510-46	BELL CRANK BUSHING	2	2	2	2	2
18	PRG510-47	BELL CRANK BUSHING CENTER	1	1	1	1	1
19	PRG510-48	PULLING HEAD	1	1	1	1	1
20	PRG510-49	PULLING HEAD FULCRUM	1	1	1	1	1
21	PRG510-50	MANDREL TUBE	1				
22	PRG510-52A	NOSE HOUSING	1		1	1	1
23	PRG510-54	PISTON BUMPER	1	1	1	1	1
24	PRG510-56	DEFLECTOR			1	1	1
25	PRG510-102	PISTON ROD SCREW	1	1	1	1	1
26	PRG510-103	PISTON ROD WASHER	1	1	1	1	1
27	PRG510-104	PISTON ROD SEAL WASHER	1	1	1	1	1
28	PRG510-105	SPRING WASHER	1	1	1	1	1
29	PRG510-106	VALVE SEAT SEAL	1	1	1	1	1
30	PRG510-107	BASE AIR SEAL	1	1	1	1	1
31	PRG510-107	BASE AIR SEAL	2	2			
32	PRG510-109	VALVE RING SEAL WASHER	1	1	1	1	1
33	PRG510-110	PISTON ROD LOCKWASHER	1	1	1	1	1
34	PRG510-111	VALVE PLATE SCREW LOCKWASHER	2	2	2	2	2
35	PRG510-112	VALVE TUBE CAP	1	1	1	1	1
36	PRG510-113	PISTON ROD FULCRUM	1	1	1	1	1
37	PRG510-114	PISTON ROD SEAL	1	1	1	1	1
38	PRG510-115	VALVE PLATE SCREW	2	2	2	2	2
39	PRG510-116	BASE SCREW	9	9	9	9	9
40	PRG510-117	HOUSING CAP SCREW	2	2	2	2	2
41	PRG510-118	TRIGGER PIN	1	1	1	1	1
42	PRG510-119	PISTON ROD PIN					
43	PRG510-120	TRIGGER FULCRUM PIN	1	1	1	1	1

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N1

ITEM	PART NUMBER	DESCRIPTION	MCS510A	MCS511A	PRG510A	PRG510A PLUS	PRG511A
44	PRG510-122	VALVE RING SEAL RETAINER	1	1	1	1	1
45	PRG510-122	VALVE RING SEAL RETAINER	3	3	3	3	3
46	PRG510-123	JAW PUSHER SPRING	1	1	1	1	1
47	PRG510-124	PISTON ROD RETURN SPRING	1	1	1	1	1
48	PRG510-126	BELL CRANK FULCRUM	1	1	1	1	1
49	PRG510A-31	HOUSING	1	1	1	1	1
50	PRG510A-33	BASE	1	1	1	1	1
51	PRG510A-39	ADAPTOR FITTING			1		
52	PRG511-010	JAW PUSHER SPRING TUBE		1			1
53	PRG511-022	PULLING HEAD ADAPTOR (EXT.)		1			1
54	PRG511-050	MANDREL TUBE		1			1
55	PRG511-051	MANDREL GUIDE	1	1	1	1	1
56	PRG511-052	NOSE HOUSING		1			1
57	PRG511-076	HOUSING CAP			1	1	1
58	PRG520-33	JAW PUSHER	1	1	1	1	1
59	PRG520-60	VALVE TUBE SEAL	1	1	1	1	1
60	PRG520-68	ELBOW FITTING	1	1	1	1	1
61	PRH820-11A	JAW GUIDE	1	1	1	1	1
62	PRN414	NOSEPIECE	1	1	1	1	1
63	PRP-101	JAW PUSHER WASHER	9	9	9	9	9
64	PRG510-230	JAW SERVICE KIT				1	
65	MCS100-35	TRANSDUCER TUBE	1	1			
66	PRG520A-8	AIR LINE O-CLAMP	2	2			
70	PRG5200-90	AIR LINE FITTING				1	1
71	PRG540-40	HOSE FEMALE FITTING				1	1
72	PRG540-45	AIR LINE O-CLAMP				2	2
73	PRG540-39	AIR LINE (HOSE)				1	1
74	MCS500-31	HOSE CONNECTION ASSEMBLY	1	1			
75	PRG5200-90	AIR LINE FITTING	1	1			
76	PRG540-39	AIR LINE (HOSE)	2	2			
77	PRG540-40	HOSE FEMALE FITTING	1	1			
78	PRG540-45	AIR LINE O-CLAMP	4	4			

N2

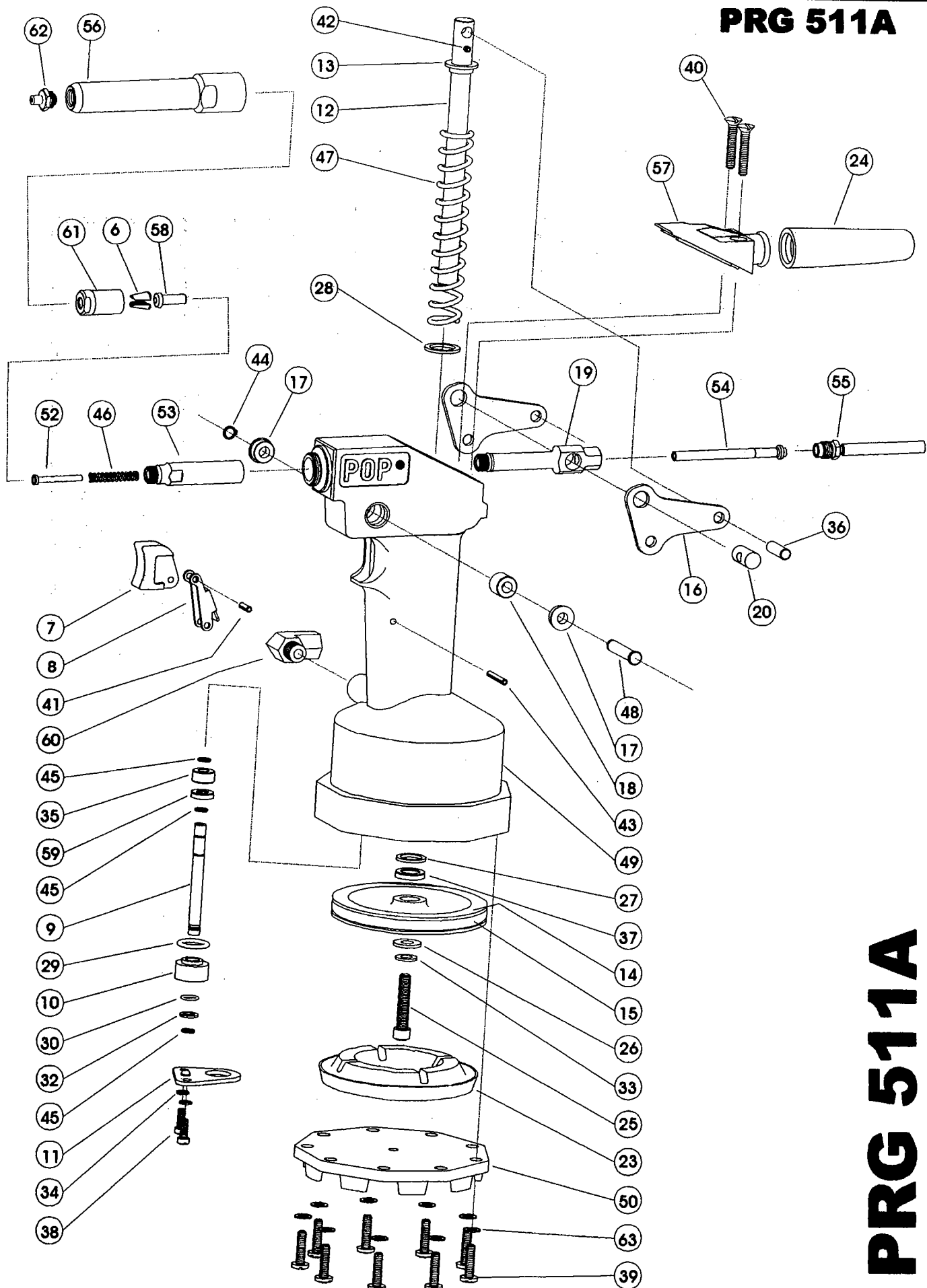
N3
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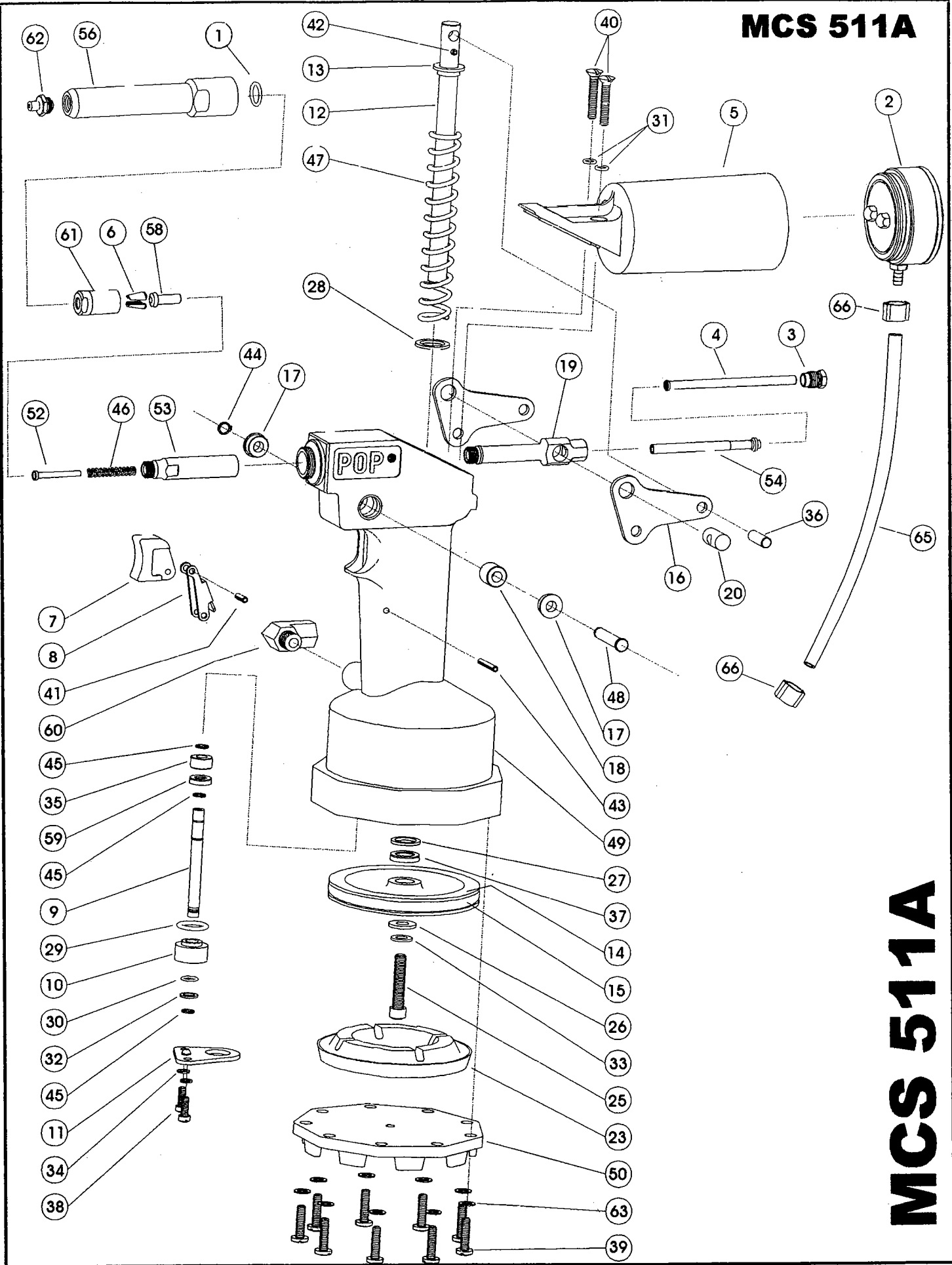
N1 = These parts must be ordered as an assembly. Order part number PRG510-170.
N2 = These parts must be ordered as an assembly. Order part number PRG510-180.
N3 = These parts are optional on some tools and are shown for identification only.
N4 = These parts must be ordered as an assembly. Order part number PRT5200-220.
N5 = These parts must be ordered as an assembly. Order part number MCS510A-220.

PRG 511A



PRG 511A

MCS 511A



MCS 511A