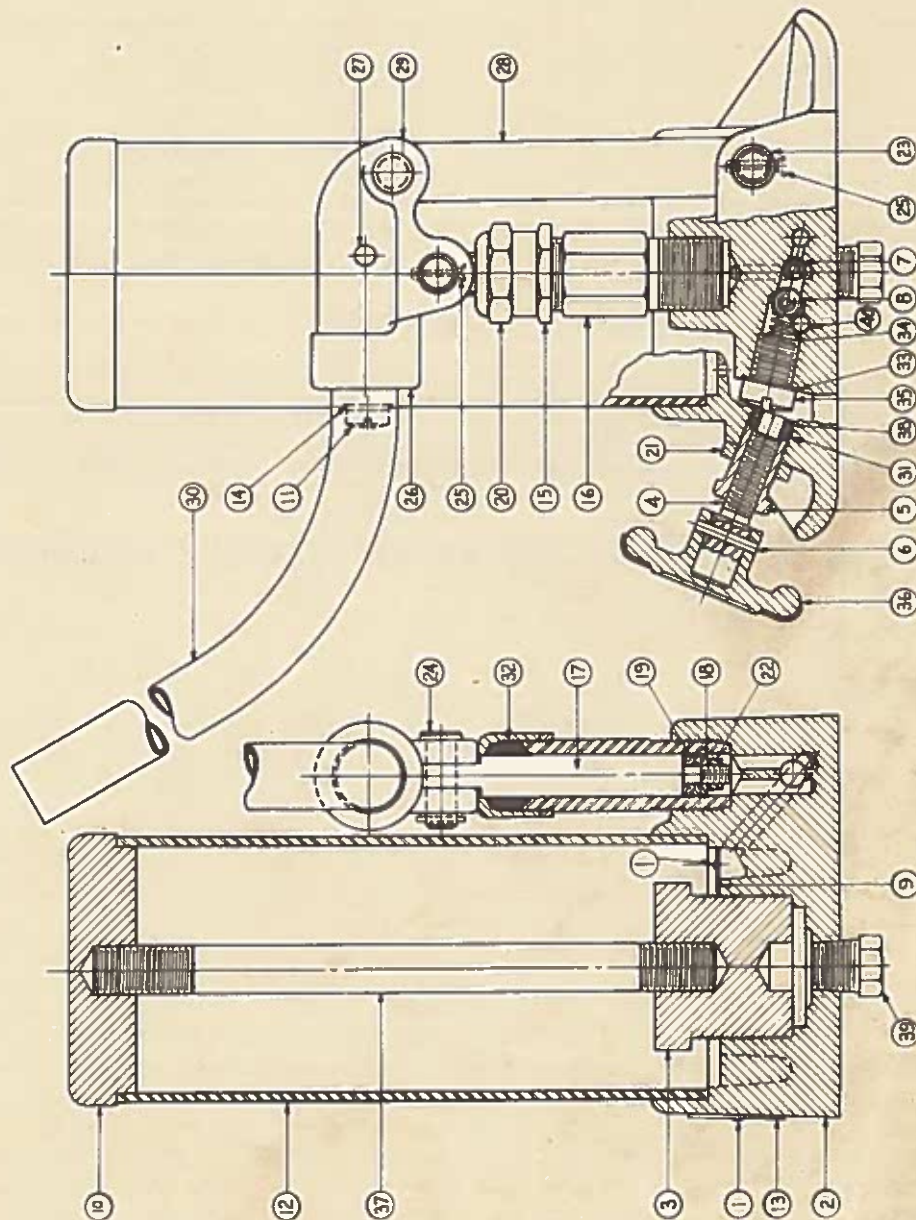


BLACKHAWK

REPAIR PARTS SHEET
ORIGINAL EQUIPMENT
HAND PUMP
MODEL P-117
RATED CAPACITY
6,000 p.s.i.
Sheet No. 1094 — Issued Feb. 1949
Supersedes Sheet No. 989



REPAIR PARTS SHEET FOR P-117 HYDRAULIC PUMP



PARTS LIST FOR MODEL P-117

Item No.	Part No.	Part Name	No. Req.
1	I.03	Drive Screw	4
2	PI15.05	Base	1
3	PI15.06	Base Plug	1
4	PI15.10	Release Valve Spindle	1
5	PI15.11	Release Valve Packing Nut	1
6	PI3.12	Valve Wheel Pin	1
7	I.16	7/32" Ball	1
8	SI.16	5/16" Ball	1
9	BA8.518	Oil Strainer Screen	1
10	PI15.20	Top Cap	1
11	C9.22	Filler Plug	1
12	BA8.525-2	Reservoir	1
13	I.26E	Name Plate	1
14	C9.37	Filler Plug Gasket	1
15	C6.548	Pump Gland Lock Nut	1
16	C89.50	Pump Cylinder	1
17	PI17.51	Pump Plunger	1
18	FI1.52	Pump Cup Spreader	1
19	FI1.53	Pump Cup	1
20	C89.54	Pump Packing Gland Nut	1
21	PI15.54	Lock Nut	1

Item No.	Part No.	Part Name	No. Req.
22	C89.55	Pump Cup Retaining Nut	1
23	I.57-1	Link Pin	1
24	BA8.557	Beam Pin	1
25	I.58	Cotter Pin	2
26	PI17.60	Beam	1
27	PI17.61	Beam Handle Pin	1
28	BA8.562-1	Link	1
29	BA8.563	Link Rivet	1
30	PI17.70	Handle	1
31	I.74	Release Valve Packing	1
32	5.75	Pump Packing	2
33	SI.167B	Valve Plug Gasket	1
34	SI.183	Outlet Valve Spring	1
35	S4.185	Valve Plug	1
36	PI3.240-1	Valve Wheel	1
37	PI15.265	Clamp Rod	1
38	C89.335	Release Valve Packing Washer	1
39	BM1.245	1/4" Special Pipe Plug	1
40	I.06-1	Base Plug	1
		Oil \approx 30, 17 Cu. In.	See Jobber for Price

NOTE: No orders for parts can be filled unless both model and serial number of equipment is given.

GUARANTEE

All Blackhawk Porto-Power Pumps and Rams are guaranteed against defects in workmanship and material. In case of such defects, repairs and adjustments will be made on a no charge basis, providing the ram, pump or component parts are returned to one of our Authorized Repair Service Stations or the factory at Milwaukee by prepaid transportation for inspection. Guarantee does not cover rams and pumps worn out in service, damaged through abuse, overloading or accident. This Guarantee is VOID if anything but BLACKHAWK HYDRAULIC JACK OIL is used in the unit. Do NOT USE brake fluids.

BLACKHAWK AUTHORIZED REPAIR SERVICE STATIONS

BLACKHAWK MFG. CO. - - - MILWAUKEE 1, WIS.