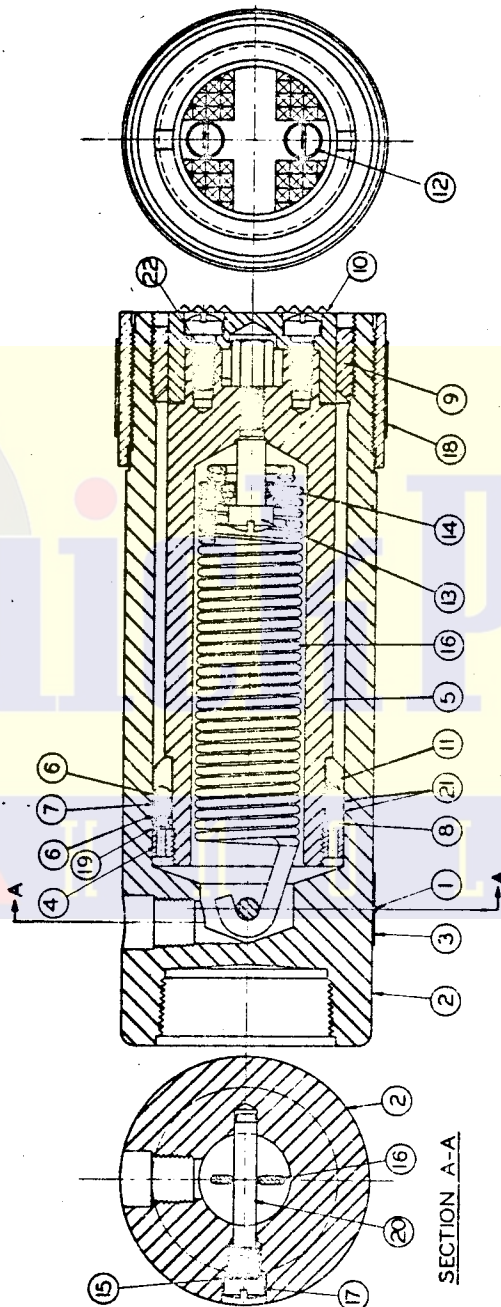


Master Copy

# BLACKHAWK

REPAIR PARTS SHEET  
**PORTO-POWER RAM**  
**MODEL R 225-B**  
RATED CAPACITY  
20-TON  
Sheet No. 1087 — Issued Feb. 1949  
Supersedes Sheet No. 730D



REPAIR PARTS SHEET FOR R 225-B HYDRAULIC  
PORTO-POWER RAM



Parts List on Reverse Side

# PARTS LIST FOR MODEL R 225-B

Item No.	Part No.	Part Name	No. Req.
1	1.03	Drive Screw	2
2	R225.05	Base	1
3	1.26E	Name Plate	1
4	R77.35	Retaining Nut	1
5	R225.40	Plunger	1
6	R77.41	Plunger Cup	2
7	R77.41-R	Plunger Cup	1
8	R77.43	Spreader	1
9	R77.44-1	Plunger Stop Ring	1
10	R225.45	Saddle	1
11	R225.71	Disc	1

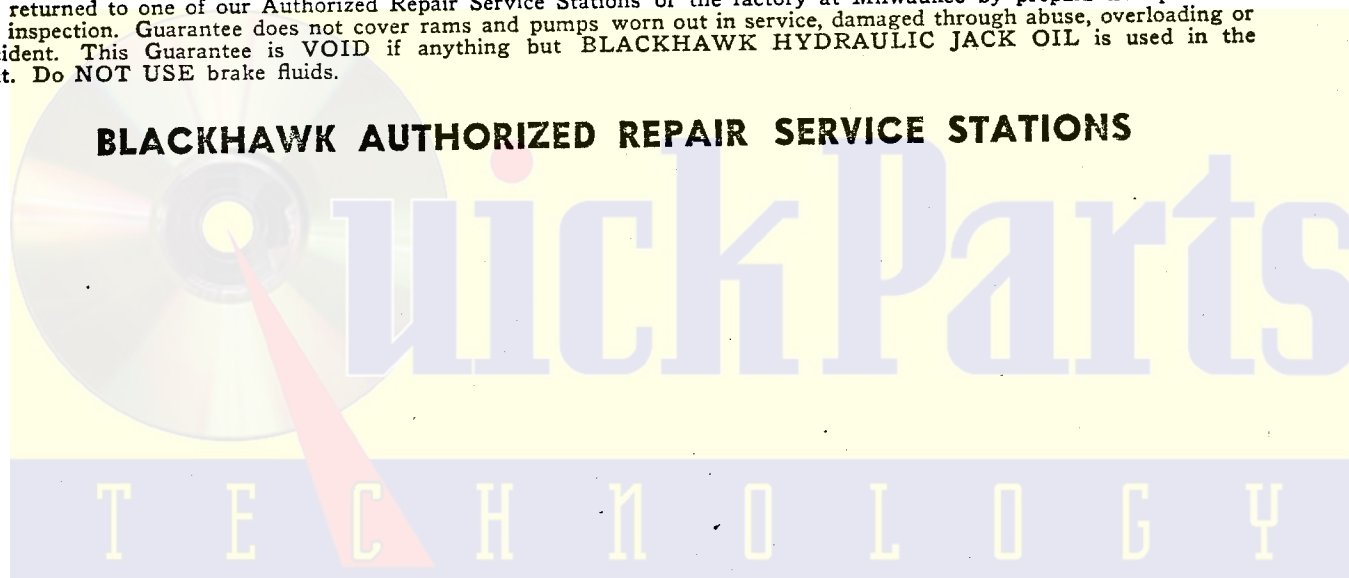
Item No.	Part No.	Part Name	No. Req.
12	R225.87	Std. Screw	2
13	R225.143-1	Spring Adjusting Screw	1
14	R225.155A	Thrust Ball Bearing	1
15	S1.167B	Gasket	1
16	R225.184	Tension Spring	1
17	S4.185	Plug	1
18	R-158.271	Thread Protector	1
19	R77.280	Spring Washer	1
20	R225.302	Spring Retaining Screw	1
21	R158.316	Cup Separator	2
22	R225.55	Nut	1

**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.**