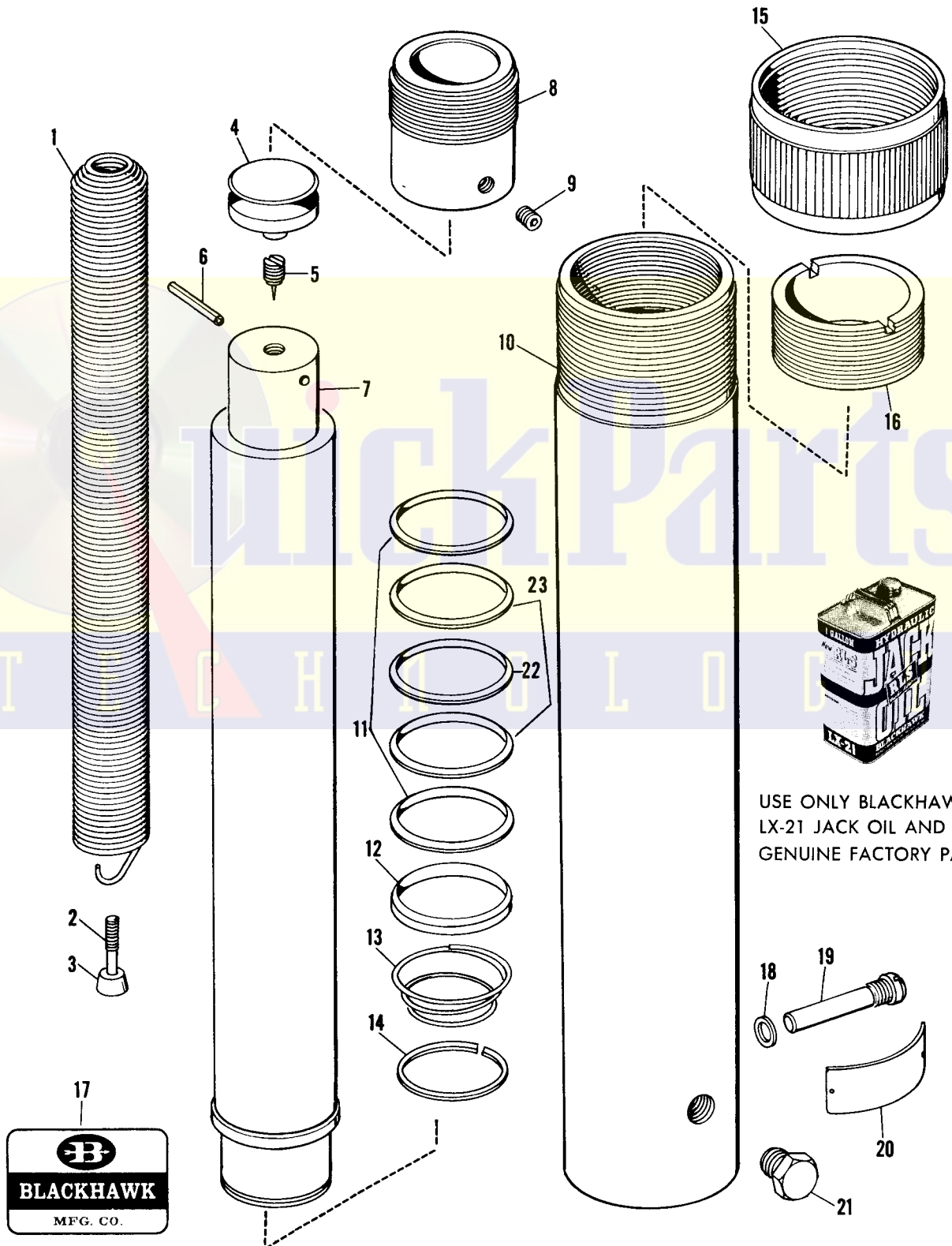


Porto-Power
REPAIR EQUIPMENT

Master Copy
repair parts

MODEL R-230 RAM
(Replaces R-224)
Capacity 20 Ton



REPAIR PARTS LIST FOR MODEL R-230

WHEN ORDERING PARTS INCLUDE BOTH MODEL AND SERIAL NUMBER AS WELL AS PART NAME AND NUMBER

| Item No. | Part No. | Description | No. Req. |
|----------|-----------|----------------------|----------|
| 1 | B230.184 | Spring | 1 |
| 2 | B4.143 | Adjusting Screw | 1 |
| 3 | B238.209 | Bushing | 1 |
| 4 | B234.045 | Saddle | 1 |
| * 5 | R159.06-1 | Plug | 1 |
| 6 | B239.061 | Pin | 1 |
| 7 | B229.900 | Plunger Sub-Assembly | 1 |
| 8 | B235.045 | Thread Saddle | 1 |
| 9 | B240.300 | Set Screw | 1 |
| 10 | B228.005 | Base | 1 |
| 11 | R77.41-1 | Plunger Cup | 2 |
| 12 | R77.43-1 | Spreader | 1 |
| * 13 | B232.184 | Spring | 1 |

| Item No. | Part No. | Description | No. Req. |
|----------|-----------|----------------------|----------|
| * 14 | B231.297 | Snap Ring | 1 |
| 15 | R158.271 | Thread Protector | 1 |
| 16 | R77.44-1 | Stop Ring | 1 |
| 17 | P75.26-1 | Transfer | 1 |
| 18 | B159.167 | Gasket | 1 |
| 19 | R225.302A | Spring Retainer | 1 |
| 20 | B237.026 | Name Plate | 1 |
| 21 | R515.245 | 3/8" Spec. Pipe Plug | 1 |
| 22 | B173.041 | Plunger Cup | 1 |
| 23 | R158.316 | Separator | 2 |

*For economy repair, use Jack/Saver Kit R-251K-3.
Items included in Kit are marked with asterisk *.

Guarantee

Blackhawk guarantees its Lifting Equipment and Porto-Power Repair Tools against defects in workmanship and material for 90 days from date of delivery to the user. Only exception is chain, which follows the trade custom of its manufacturers and cannot be guaranteed.

When question of warranty arises, the user should send his unit to the nearest Blackhawk Franchised Service Depot for inspection, transportation to be prepaid and evidence of delivery date furnished. Contact Blackhawk Mfg. Co., Milwaukee, Wis., for list of Franchised Service Depots.

If the difficulty comes under the terms of our guarantee, the Franchised Service Depot will repair or replace parts affected and return prepaid. Our guarantee does not cover ordinary wear and tear, abuse, misuse, overloading, altered products or use of improper fluid.

Franchised Service Depots



For quality workmanship with genuine Blackhawk parts select a Franchised Blackhawk Service Depot for your repair work. Only repairs performed by a franchised service depot displaying this official franchise service depot sign are backed with full factory guarantee. The Classified Section in your Phone Book lists your nearest Franchised Service Depot.

BLACKHAWK MFG. CO.

MILWAUKEE 46, WISCONSIN

