

Master Copy

# BLACKHAWK®

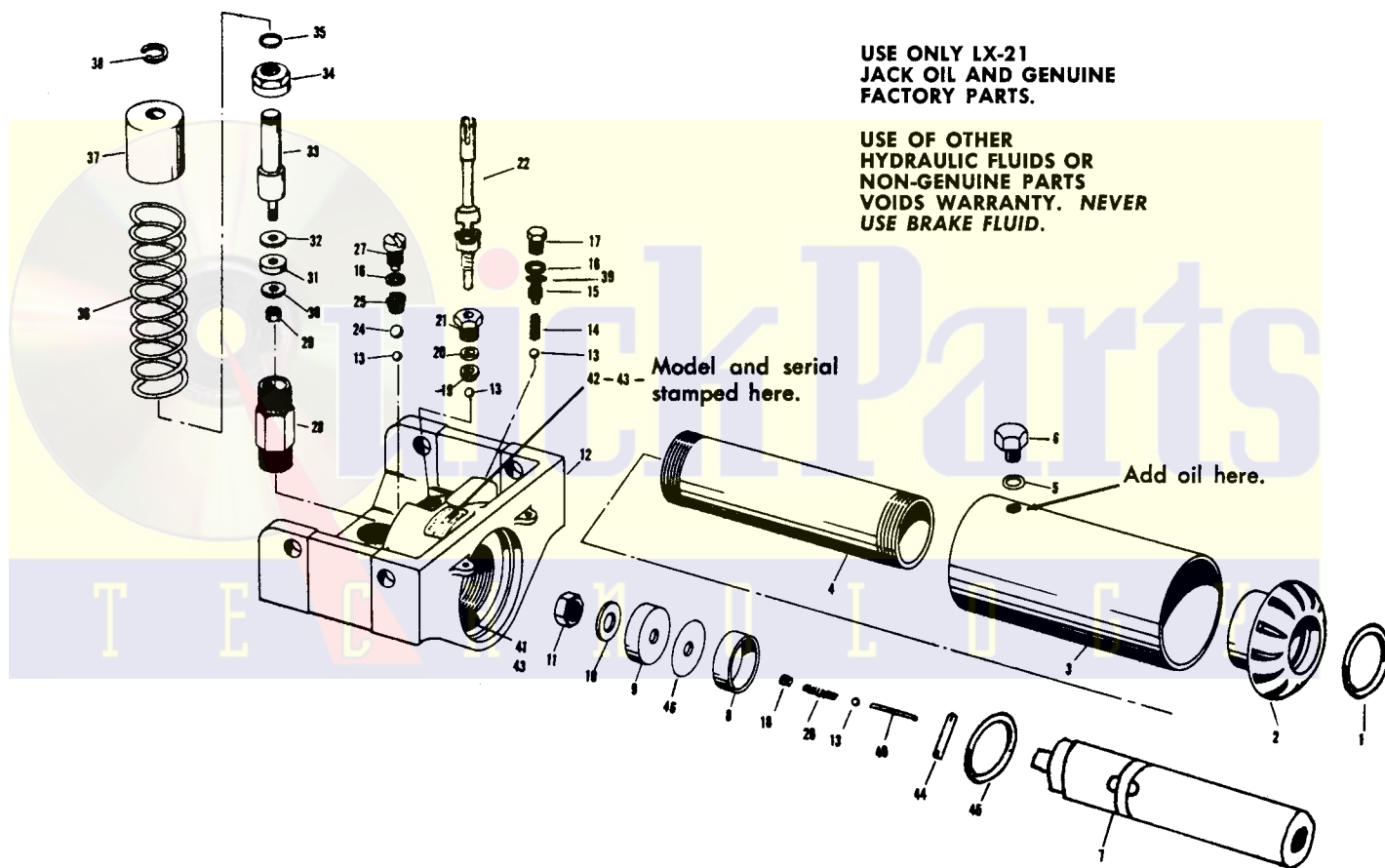
## instructions & repair parts

MODEL SJ-1.05A-2, SJ-2.05A-2

POWER UNITS

FOR SJ1 and SJ2 SERVICE JACKS

SUPERSEDES SHEET S-273A



### To Add Oil or Remove Air From Power Unit

With Jack in horizontal position, and lifting arm fully collapsed, remove filler plug C9.22-2 Item No. 5 and check oil level. Oil level **MUST** be level with the top of the internal cylinder CB9.30-2, Item No. 4. Maximum oil capacity is eight ounces of LX21.R55. **CAUTION. DO NOT** over fill. This will decrease the necessary air space needed and cause faulty operation. After oil level is corrected, with release valve **OPEN**, pump Jack handle through its full stroke at least 10 times. Close release valve. Pump handle through full strokes until saddle raises to full height. Open release valve and collapse saddle to its lowest point. Repeat this operation one more time. The Jack should now be purged of air.

# PARTS LIST FOR MODEL SJ-1.05A-2 and SJ-2.05A-2 POWER UNITS

Item	SJ1.05A-2 Part No.	SJ2.05A-2 Part No.	No. Req.	Description	Item	SJ1.05A-2 Part No.	SJ2.05A-2 Part No.	No. Req.	Description
*1	D792.041	D792.041	1	Plunger "O" Ring	*25	BA85.183	BA85.183	1	Valve Spring
2	AA85.20-3	AA85.20-3	1	Top Cap	26	D386.183	S4.141	1	By-Pass Spring
3	EJ100.124	EJ100.125	1	Reservoir	27	CB9.185	CB9.185	1	Valve Plug
†4	CB9.30-2	CB9.30-2	1	Cylinder	28	A643.050	A643.050	1	Pump Cylinder
*5	C9.37	C9.37	1	Gasket	29	CB9.55	CB9.55	1	Pump Cup Nut
6	C9.22-2	C9.22-2	1	Filler Plug	30	A644.052	A644.052	1	Pump Spreader
†7	D370.900	D365.900	1	Plunger Assembly	*31	A645.053	A645.053	1	Pump Cup
8	AA85.29-2	AA85.29-2	1	Plunger Ring	*32	A646.317	A646.317	1	Leather Washer
*9	D385.041	D385.041	1	Plunger Cup	33	A652.051	A652.051	1	Pump Plunger
10	AA85.43	AA85.43	1	Cup Washer	34	A648.054	A648.054	1	Gland Nut
11	AA85.120	AA85.120	1	Cup Nut	*35	A647.503	A647.503	1	Pump Quad Ring
12	A687.005	A655.005	1	Base	36	A649.170	A649.170	1	Pump Spring
*13	1.16	1.16	3	7/32" Ball	37	A650.340	A650.340	1	Retainer
14	B162.206	B162.206	1	Spring	*38	W407.524	W407.524	1	Ring
15	B956.028	B956.028	1	Adjusting Plug	39	B161.272	B161.272	1	Sealing Plug
*16	B159.167	B159.167	2	Gasket	40	D367.107	D367.107	1	Push Rod
17	A651.006	A651.006	1	Plug	41	BA85.18-1	BA85.18-1	1	Screen
18	D369.006	D369.006	1	Set Screw	42	B155.026-1	B155.026-1	1	Name Plate
*19	1.74	1.74	1	Release Packing	43	D884.028	D884.028	2	Drive Screw
*20	CB9.335	CB9.335	1	Leather Washer	44	D366.145	D366.145	1	Release Pin
21	CB9.11	CB9.11	1	Release Nut	45	D368.044	D368.044	1	Retaining Ring
22	SJ1.10A	SJ1.10A	1	Release Assembly	*46	E494.108	E494.108	1	Back Up Washer
*24	S1.16	S1.16	1	5/16" Ball					

†Plunger Item No. 7, only sold assembled includes high limit parts, bearing and cylinder, composed of Items:- 4, 8, 13, 18, 26, 40, 44 and 45.

**NOTE:** Orders for parts cannot be filled unless both model and serial number with prefix imprinted on nameplate are given.

## FRANCHISED SERVICE DEPOTS



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

## GUARANTEE

Blackhawk guarantees its Products against defects in workmanship and materials 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 purchased date furnished.

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.

PARTS, SERVICE INFORMATION AND THE ADMINISTRATION OF FRANCHISED SERVICE DEPOTS FOR BLACKHAWK PRODUCTS IS PROVIDED BY —

# BLACKHAWK SERVICE

MILWAUKEE, WISCONSIN 53227

DIVISION OF **APPLIED POWER INDUSTRIES, INC.**

Please direct all Service Correspondence to **BLACKHAWK SERVICE**