

BLACKHAWK®

instructions & repair parts

MODEL SJ-1.05A-2, SJ-2.05A-2
POWER UNITS
FOR SJ1 and SJ2 SERVICE JACKS

Supersedes Sheet S-273

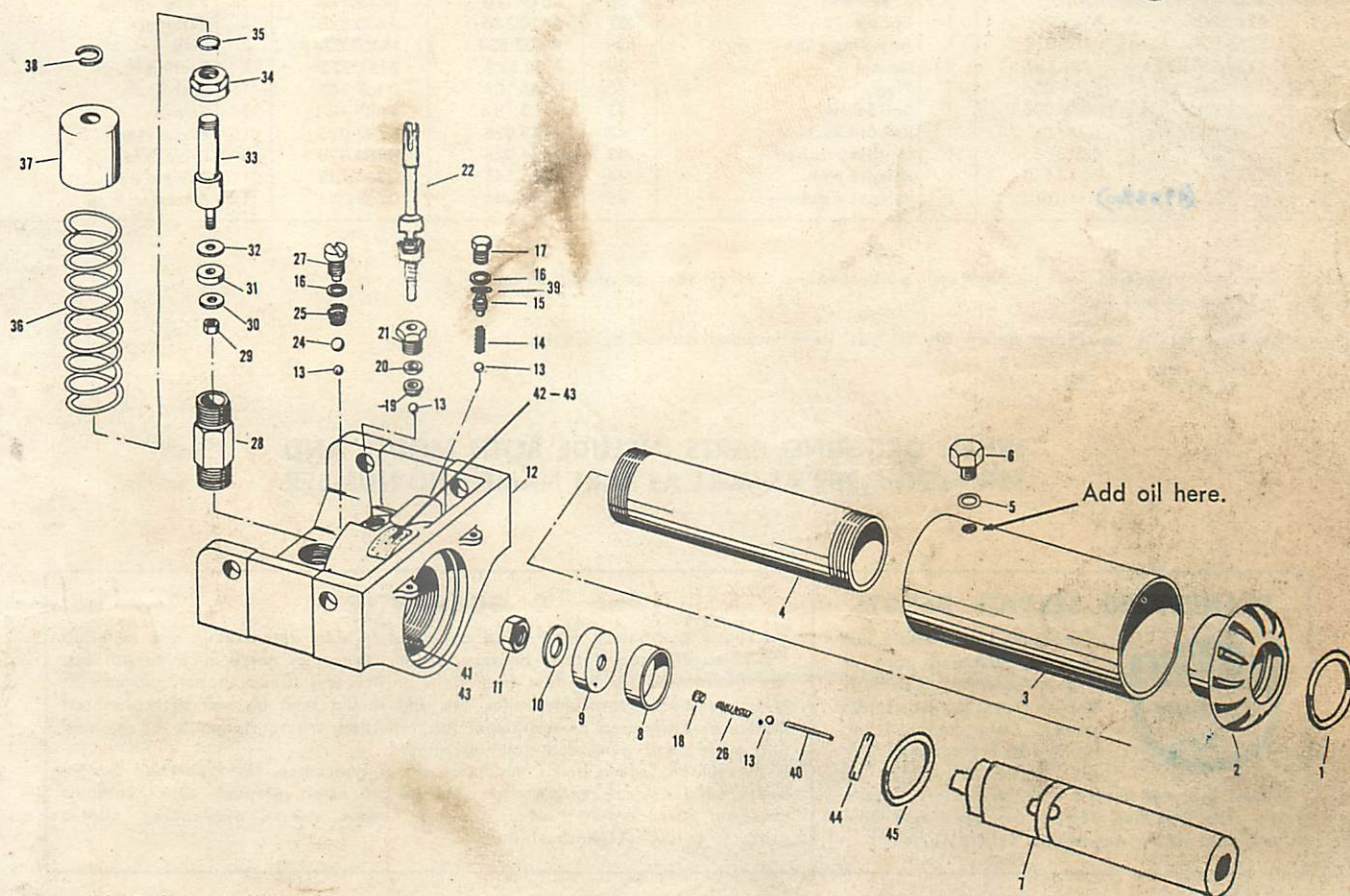


TRI-CITY HYDRAULIC JACK SERVICE

4628 N. Florida Avenue
Tampa, Florida 33603-3700
(813) 236-8551

USE ONLY BLACKHAWK
LX-21 JACK OIL AND
GENUINE FACTORY PARTS.

USE OF OTHER
HYDRAULIC FLUIDS OR
NON-GENUINE PARTS
VOIDS WARRANTY. NEVER
USE BRAKE FLUID.



To Add Oil — Fully collapse ram plunger into power unit. Remove oil filling plug (item 6). Add LX-21 jack oil until about $\frac{1}{4}$ below top. Replace plug. If oil is dirty, thick, or gummy, remove and clean reservoir. Do not overfill as too much oil will cause faulty lifting due to lack of air space.

**SEE YOUR FRANCHISED SERVICE
DEPOT OR DISTRIBUTOR FOR FACTORY
EXCHANGE POWER UNIT.**

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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	*24	S1.16	S1.16	1	5/16" Ball
2	AA85.20-3	AA85.20-3	1	Top Cap	*25	BA85.183	BA85.183	1	Valve Spring
3	EJ100.124	EJ100.125	1	Reservoir	26	D386.183	S4.141	1	By-Pass Spring
†4	CB9.30-2	CB9.30-2	1	Cylinder	27	CB9.185	CB9.185	1	Valve Plug
*5	C9.37	C9.37	1	Gasket	28	A643.050	A643.050	1	Pump Cylinder - K142900
6	C9.22-2	C9.22-2	1	Filler Plug	29	CB9.55	CB9.55	1	Pump Cup Nut
†7	D370.999	D365.999	1	Plunger Assembly	30	A644.052	A644.052	1	Pump Spreader
8	AA85.29-2	AA85.29-2	1	Plunger Ring	*31	A645.053	A645.053	1	Pump Cup
*9	D385.041	D385.041	1	Plunger Cup	*32	A646.317	A646.317	1	Leather Washer
10	AA85.43	AA85.43	1	Cup Washer	33	A652.051	A652.051	1	Pump Plunger
11	AA85.120	AA85.120	1	Cup Nut	34	A648.054	A648.054	1	Gland Nut
12	A687.005	A655.005	1	Base	*35	A647.503	A647.503	1	Pump Quad Ring
*13	1.16	1.16	3	7/32" Ball	36	A649.170	A649.170	1	Pump Spring
14	B162.206	B162.206	1	Spring	37	A650.340	A650.340	1	Retainer
15	B956.028	B956.028	1	Adjusting Plug	*38	W407.524	W407.524	3	Ring
*16	B159.167	B159.167	2	Gasket	39	B161.272	B161.272	1	Sealing Plug
17	A651.006	A651.006	1	Plug	40	D367.107	D367.107	1	Push Rod
18	D369.006	D369.006	1	Set Screw	41	BA85.18-1	BA85.18-1	1	Screen
*19	1.74	1.74	1	Release Packing	42	D782.026	D783.026	1	Name Plate
*20	CB9.335	CB9.335	1	Leather Washer	43	D884.028	D884.028	4	Drive Screw
21	CB9.11	CB9.11	1	Release Nut	44	D366.145	D366.145	1	Release Pin
22	SJ1.10A (A983900)	SJ1.10A	1	Release Assembly	45	D368.044	D368.044	1	Retaining Ring

†Plunger only sold assembled includes high limit parts, bearing and cylinder, composed of Items:- 4, 7, 8, 13, 18, 26, 40, 44 and 45.

*For economy repair, use Jack/Saver Repair Kit SJ1-K-3. Items included marked by asterisk.

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

FRANCHISED SERVICE DEPOTS

official sign are backed with full factory guarantee. The Classified Section in your Phone Book lists your nearest Franchised Service Depot.

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

GUARANTEE

Blackhawk guarantees this Product against defects in workmanship and materials for 12 months from date of delivery to user. Except as noted all other products are guaranteed for 90 days from date of delivery. Chain is not 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 53246

DIVISION OF APPLIED POWER INDUSTRIES, INC.

Please direct all Service Correspondence to BLACKHAWK SERVICE