

BLACKHAWK®

Master Copy
repair parts

**MODEL SJ4.05A-1 POWER UNIT
FOR
SJ-4, SJ-4-1 SERVICE JACKS**

Supersedes Sheet S-259

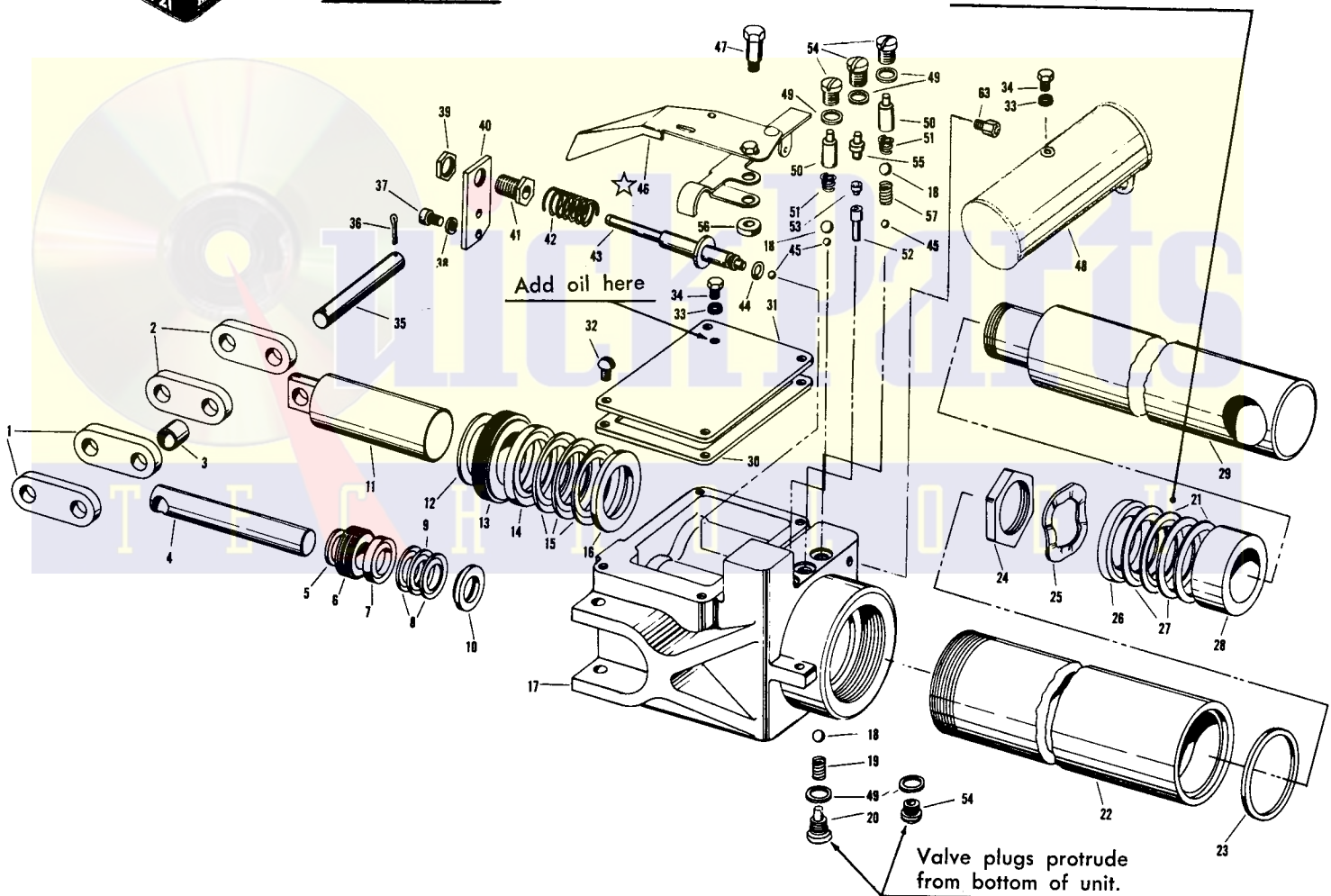


**USE ONLY BLACKHAWK
LX-21 JACK OIL AND
GENUINE FACTORY PARTS.**

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

**Use of factory exchange power units recommended —
See your Distributor or Franchised Service Depot.**

Use 'V' packing (21, 27)
and short disc (28) for
power units having three
'V' packings.



HOW TO IDENTIFY POWER UNIT:

Identified by valve plugs protruding from bottom of power unit base (20, 54), and has air accumulator (48). Power unit is fully sealed and does not require breather-type oil filler plug. Reservoir cover requires four screws.

TO ADD OIL:

1. Remove plug (34) on air accumulator (48) and pump out ram plunger approximately half-way to remove any oil from accumulator.
2. Remove oil filler plug (34) in reservoir cover (31) and completely retract ram plunger.
3. Add LX-21 hydraulic jack oil until about 1/4" from bottom of reservoir cover. Replace plug.
4. If oil is dirty, thick, or gummy, remove and clean reservoir.

★ See note reverse page.

REPAIR PARTS LIST FOR MODEL SJ4.05A-1 POWER UNIT

Item No.	Part No.	No. Req.	Description	Item No.	Part No.	No. Req.	Description
1	A873.202	2	Link	32	A749.526	4	Screw
2	A874.202	2	Link	* 33	C9.37	1	Gasket
3	A836.561	1	Spacer	34	C9.22-2	2	Plug
4	A829.051	1	Plunger	35	A875.064	1	Pin
* 5	A870.394	1	Oil Seal	* 36	K18.58	2	Cotter Pin
6	A830.035	1	Nut	37	A759.526	2	Screw
7	A831.043	1	Spreader	38	J66	2	Washer
* 8	A832.033	2	'V' Packing, Leather	39	AJ100.218	1	Nut
* 9	A915.033	1	'V' Packing, Rubber	40	A839.433	1	Bracket
10	A833.043	1	Spreader	41	A756.232	1	Adj. Screw
11	A824.051	1	Plunger	42	A845.110	1	Spring
* 12	A730.394	1	Oil Seal	43	A740.010	1	Release Spindle
13	A825.035	1	Nut	* 44	AJ100.312	1	"O" Ring
14	A826.043	1	Spreader	* 45	1.16	3	$\frac{7}{32}$ " Ball
* 15	D866.041	3	'V' Packing, Leather	46	A966.900	1	Lever, Formed Steel
16	A798.043	1	Spreader	47	A840.042	1	Bolt
17	D347.005	1	Base	48	D344.900	1	Accumulator
* 18	S1.16	3	$\frac{5}{16}$ " Ball	* 49	B159.167	5	Gasket
* 19	A752.110	1	Spring	50	A841.395	2	Spacer
20	A939.006	1	Plug	* 51	BA85.183	2	Spring
* 21	D871.041	2	'V' Packing, Leather	52	A938.051	1	Plunger
22	A816.901	1	Cylinder	* 53	A936.053	1	Cup
* 23	A817.394	1	Oil Seal	54	S4.185	4	Plug
24	A823.035	1	Nut	55	D372.186	1	Spacer
25	A822.280	1	Spring	56	A970.561	1	Spacer
26	D878.043	1	Spreader	* 57	D350.039	1	Spring
* 27	D872.041	2	'V' Packing, Rubber	63	D346.096	1	Fitting
28	D879.071	1	Disc				
29	A818.040	1	Plunger				
30	A835.161	1	Gasket				
31	A834.162	1	Cover				

*For economy repair use Jack/Saver Kit SJ4K-3. Items included in Kit marked by asterisk.

☆ Power units with formed steel release lever and spacer, fig. 1, can replace power units on earlier SJ-3, SJ-4 Service Jacks by removing lever supplied with replacement and mounting malleable iron lever, fig. 2, from old unit.

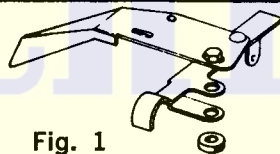


Fig. 1

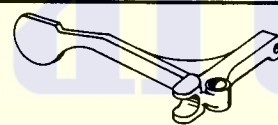


Fig. 2

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

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

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