

Master Copy

repair parts

BLACKHAWK®

MODELS SJ3.05A-2, SJ3.05A-3

POWER UNIT

FOR SJ-3, SJ-3-1 SERVICE JACKS

Supersedes Sheet S-257A

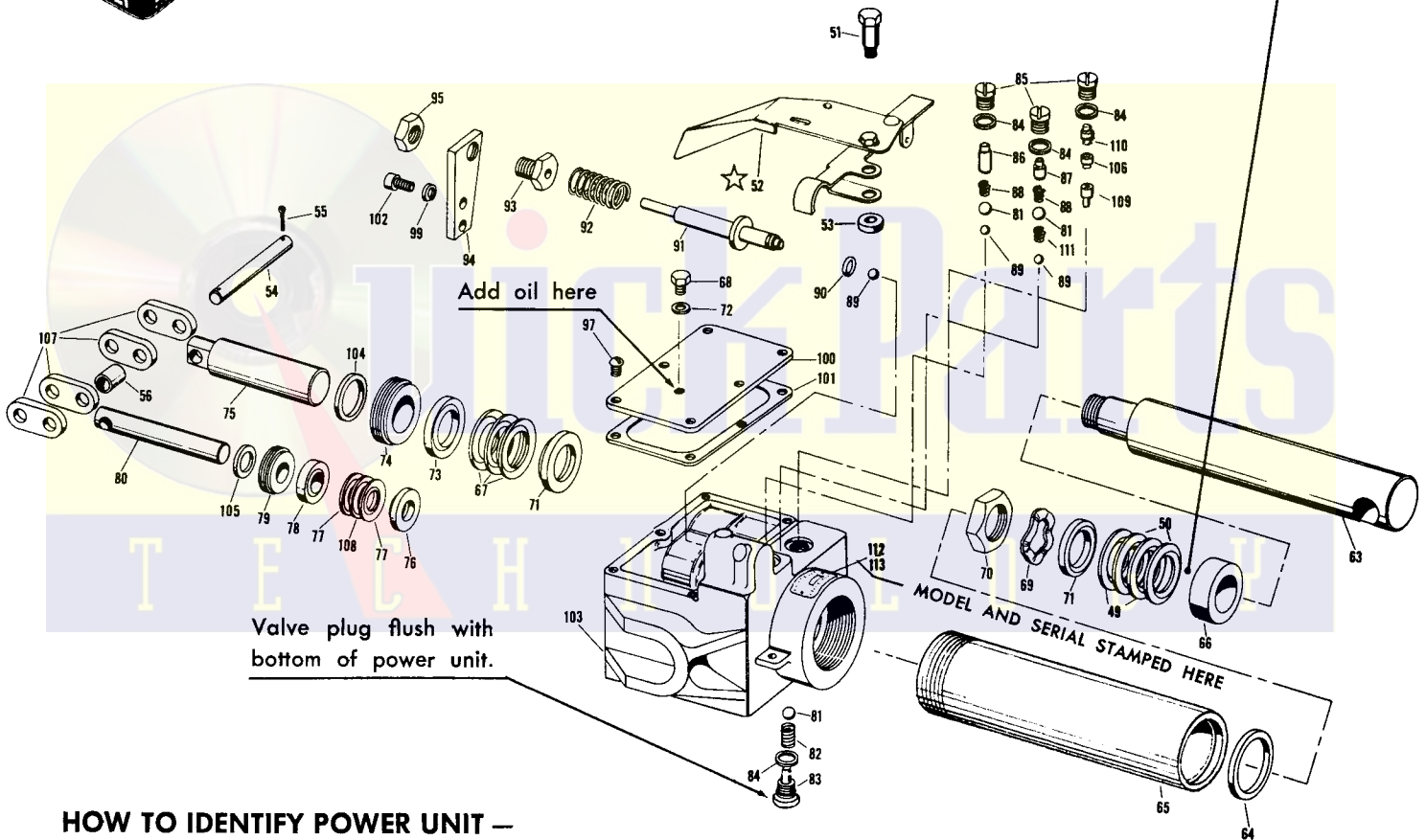


USE ONLY BLACKHAWK
LX-21 JACK OIL AND
GENUINE FACTORY PARTS.

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' packings (49, 50) for power
units having three 'V' packings.



HOW TO IDENTIFY POWER UNIT —

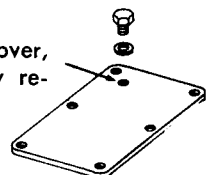
Valve plug is recessed into bottom of power unit base and does not protrude. Oil reservoir cover requires six machine screws. Unit is fully sealed, and does not require breather-type oil filler plug or air accumulator. Late power units have name plate.

TO ADD OIL —

Fully retract ram plunger into power unit. As oil reservoir is self-leveling, merely remove oil filler plug and fill to top with LX-21 hydraulic jack oil. Replace plug. If oil is dirty, thick, or gummy, remove and clean reservoir.

NOTE —

To add oil in early SJ3.05A-2 units having oil reservoir cover with oil filler hole in left rear of cover, remove cover and add LX-21 jack oil to 1½" from top of reservoir — with ram plunger fully retracted. Reseal cover with oil proof gasket cement.



REPAIR PARTS LIST

FOR MODELS SJ3.05A-2, SJ3.05A-3

Item No.	Part No.	No. Req.	Description	Item No.	Part No.	No. Req.	Description
* 49	D870.041	2	'V' Packing, Rubber	85	S4.185	3	Plug
* 50	D869.041	2	'V' Packing, Leather	86	A750.395	2	Spacer
51	A760.042	1	Bolt	87	A761.395	1	Spacer
52	A967.900	1	Lever, Formed Steel	* 88	BA85.183	2	Spring
53	A969.561	1	Spacer	* 89	1.16	3	$\frac{3}{32}$ " Ball
54	A868.153	1	Link Pin	* 90	AJ100.312	1	"O" Ring
* 55	K18.58	2	Cotter Pin	91	A754.010	1	Release Spindle
56	A871.039	1	Spacer	92	A755.110	1	Spring
63	A731.040	1	Plunger	93	A756.232	1	Adj. Screw
* 64	A730.394	1	Oil Seal	94	A758.433	1	Bracket
65	A729.901	1	Cylinder Assembly	95	AJ100.218	1	Nut
66	A732.071	1	Disc	97	A749.526	6	Screw
* 67	D865.041	3	'V' Packing, Leather	99	J66	2	Washer
68	C9.22	1	Plug	100	D729.162	1	Cover
69	A735.280	1	Spring	*101	D903.161	1	Gasket
70	A736.035	1	Packing Nut	102	A759.526	2	Screw
71	A734.043	2	Spreader	*103		1	Base
* 72	C9.37	1	Gasket	*104	A808.394	1	Oil Seal
73	A739.043	1	Spreader	*105	A809.394	1	Oil Seal
74	A738.035	1	Packing Nut	*106	A936.053	1	Cup, L. P. By-Pass
75	A878.051	1	Speed Plunger	107	A872.202	4	Link
76	A746.043	1	Spreader	*108	A916.033	1	'V' Packing, Rubber
* 77	A745.033	2	'V' Packing, Leather	109	A937.051	1	Plunger
78	A744.043	1	Spreader	110	D373.186	1	Spacer
79	A743.035	1	Packing Nut	111	E369.183	1	Spacer Spring
80	A879.051	1	Power Plunger				
* 81	S1.16	3	$\frac{5}{16}$ " Ball	*For economy repair use Jack/Saver Kit SJ3K-3. Items included in Kit marked by asterisk. **Available only as a complete Power Unit #SJ3.05A.			
* 82	A752.110	1	Spring				
83	A939.006	1	Plug				
* 84	B159.167	4	Gasket				



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.

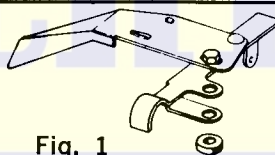


Fig. 1

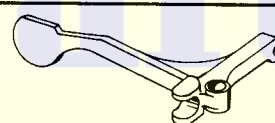


Fig. 2

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.

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.

GUARANTEE

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**