2 TON PROFESSIONAL FLOOR SERVICE JACK

1866562 7848
1866245 6278
800 434 8438
800 99KMART

FLOOR SERVICE JACK

FTY 191 82-40-95

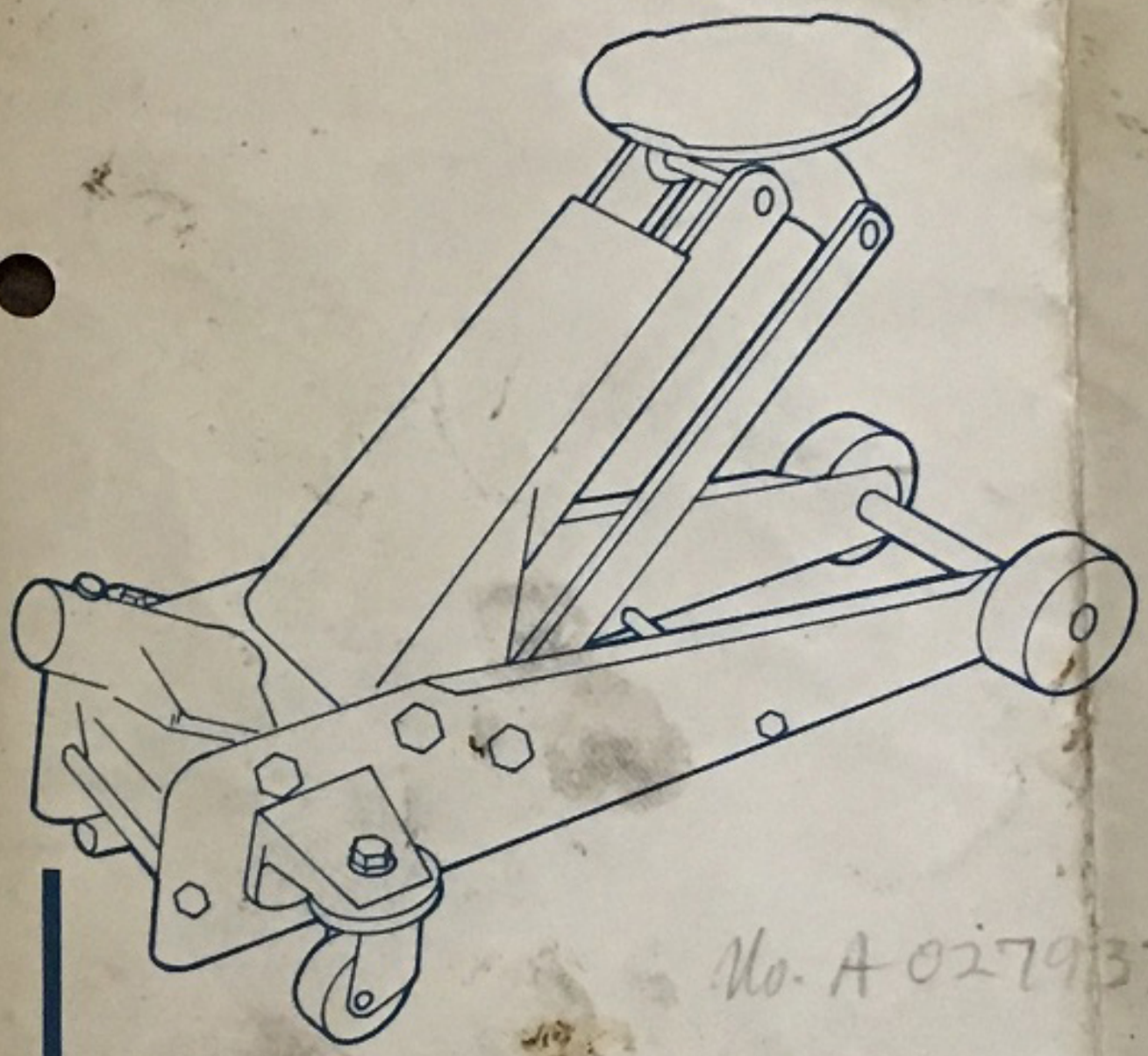
2 TON

owner's guide and PARTS LIST

IMPORTANT

Please read this owner's guide carefully, before using your jack, to prevent any troubles.

Proper use and care of jack will ensure you of continuous, safe, trouble-free performance.



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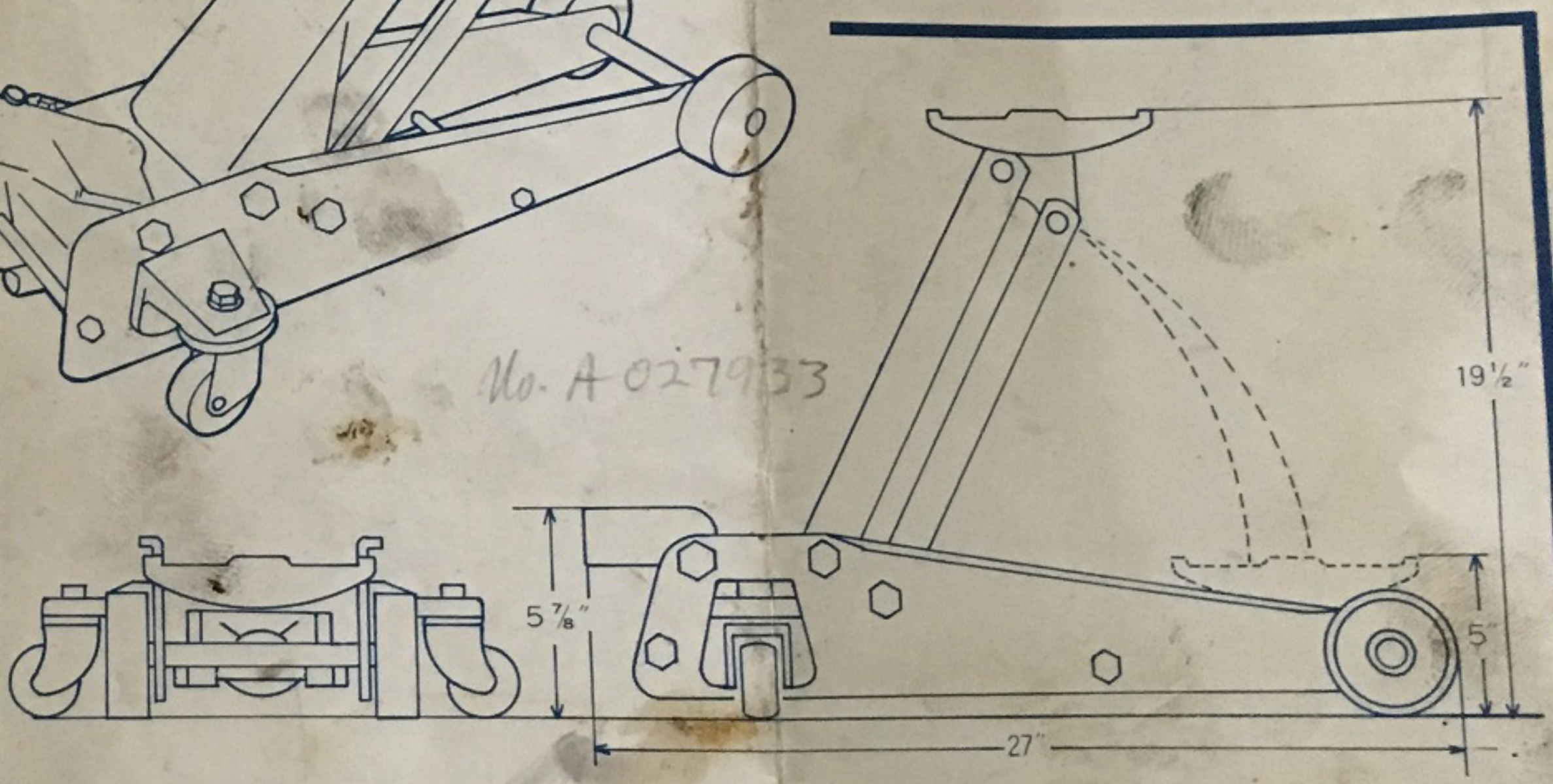


SPECIFICATIONS

CAPACITY	2 TON	HANDLE LENGTH	40.5"
LOW PICKUP HEIGHT	5"	CHASSIS LENGTH	27"
HIGH LIFTING POINT	19½"	CHASSIS HEIGHT (MAX)	5⅞"
POWER RAISE	14½"	FRONT WHEEL (DIA)	3 15/16"
WIDTH AT WIDEST POINT	14¼"	CASTER WHEEL (DIA)	2⅜"
CAP SIZE (DIA)	7 5/16"	SHIPPING WEIGHT	40kg

CAUTION

THIS JACK IS DESIGNED FOR LIFTING PURPOSES ONLY. AFTER JACKING, ALWAYS USE SAFETY STANDS TO SUPPORT LOAD BEFORE MAKING REPAIRS. FOR YOUR SAFETY-DO NOT OVERLOAD BEYOND RATED CAPACITY.

OPERATING INSTRUCTIONS

Positioning Under Load & Raising Jack

1. Insert Handle into Handle Base.

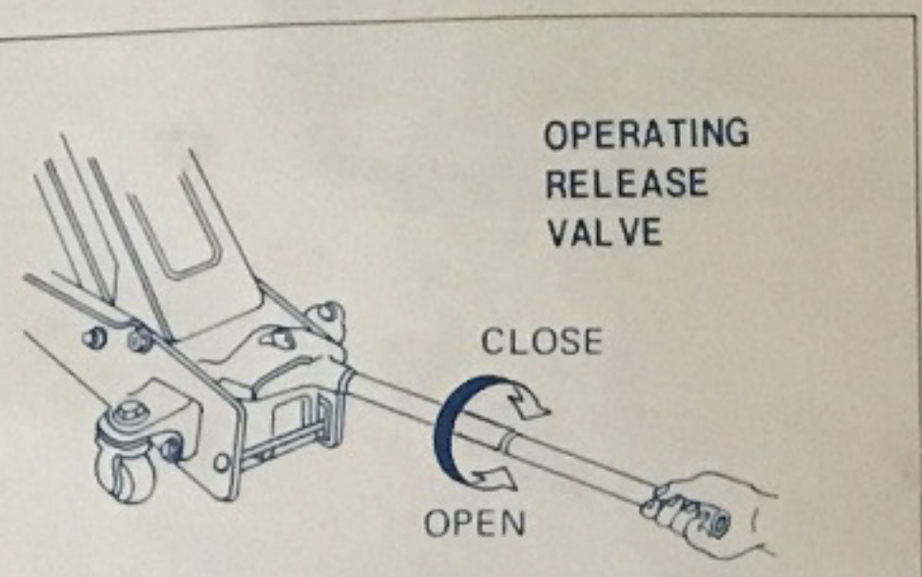
IMPORTANT: Sometimes during shipment and handling, air gets into the Hydraulic system, causing poor lifting performance. Purge any air from the system by fully opening Release Valve (turn handle counter-clockwise as shown), then, while holding the saddle down, operate pump handle slowly several times.

2. (a) Close Release Valve by turning CLOCKWISE to a SNUG-TIGHT position (DO NOT OVER TIGHTEN).

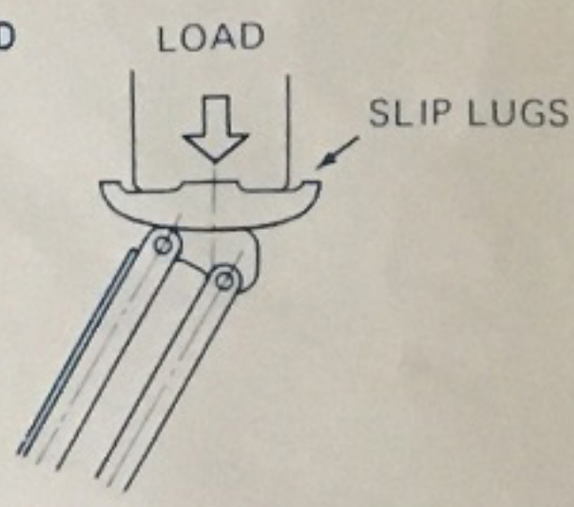
(b) Operate jack handle until saddle approaches contact with load. Once again, check to see that saddle is correctly positioned and load is "LOCKED IN" by slip lugs. Raise load to desired height.

Lowering the Jack

3. Open Release Valve VERY SLOWLY by turning handle COUNTER-CLOCKWISE. (DO NOT open beyond SNUG-TIGHT position).



INSERT HANDLE END
INTO HANDLE
BASE OPENING
TO PUMP JACK
AND RAISE LOAD



CORRECT LOAD CONTACT

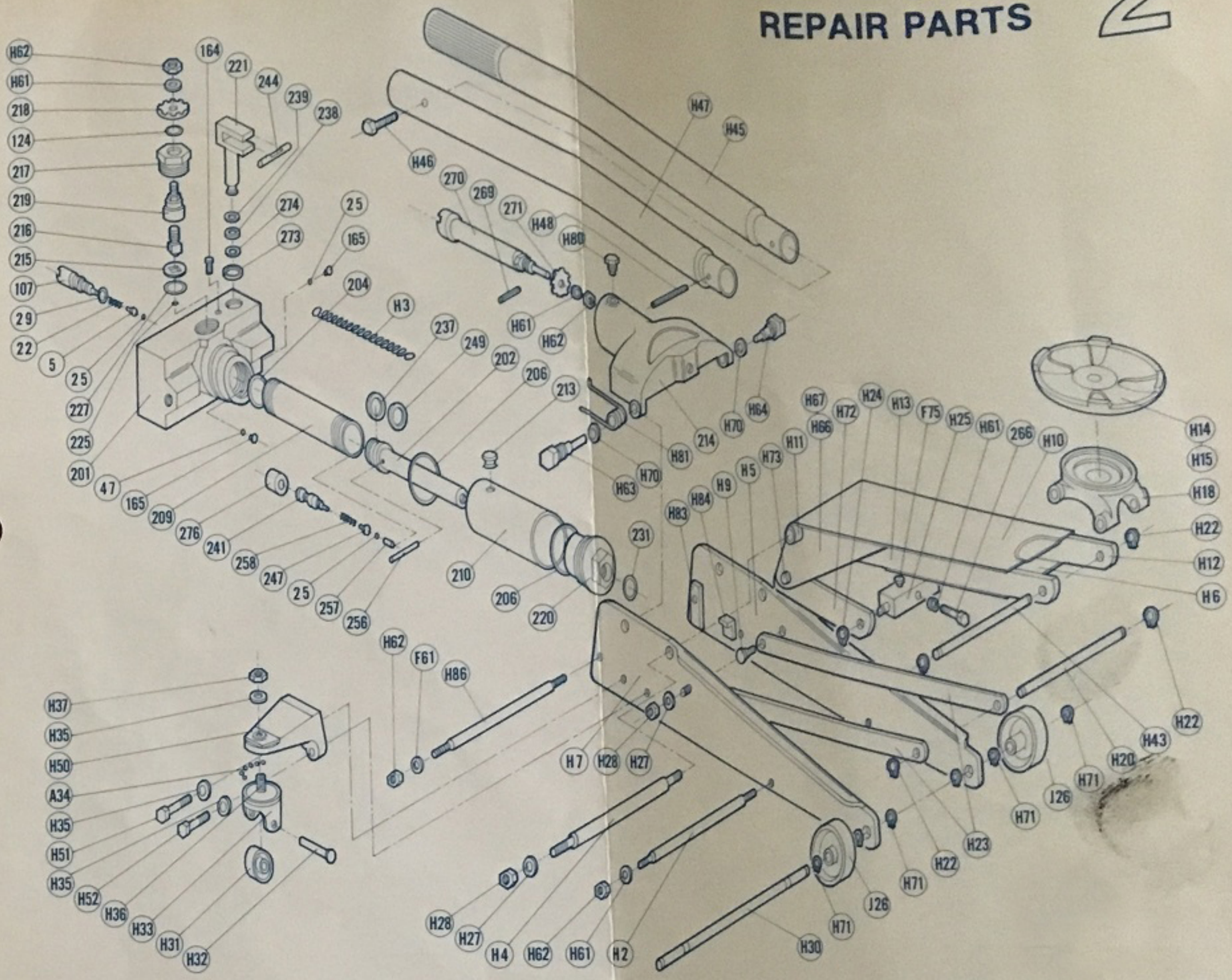
MAINTENANCE PROCEDURES

IMPORTANT: When adding or replacing oil, always use a good grade hydraulic jack oil. Avoid mixing types of oil. DO NOT use Brake Fluid, Alcohol, Glycerine, detergent motor oil or dirty oil. Improper fluid can cause serious internal damage to jack. When adding oil, be VERY CAREFUL not to permit dirt or any foreign matter to get into the system.

Check Ram and Plunger every 3 months for any signs of rust or corrosion. Clean as needed and wipe with an oily cloth. When not using the jack, always leave the Saddle all the way down. Add grease to Lift Arm Fitting at least twice yearly, depending upon usage.

PART NO.	DESCRIPTION		QTY REQ'D
H2	Support Pin		1
H3	Return Spring		1
H4	Spindle, Lifting Arm		1
H5	Side Member, LH.		1
H6	Plate, Lifting Arm		1
H7	Side Member R.H		1
H9	Pin, Radius Link		2
H10	Cover, Lifting Arm		1
H11	Suport Pipe, Lifting Arm		1
H12	Flat Bar, Lifting Arm		1
H13	Flat Bar, Lifting Arm		1
H14	Saddle		1
H15	Pin, Saddle		1
H18	Mount, Saddle		1
H20	Pin, Mount		1
H22	Retaining Ring	C-15	4
H23	Radius Link		2
H24	Retaining Ring	C-19	2
H25	Trunnion		1
J26	Front Wheel		2

REPAIR PARTS 2



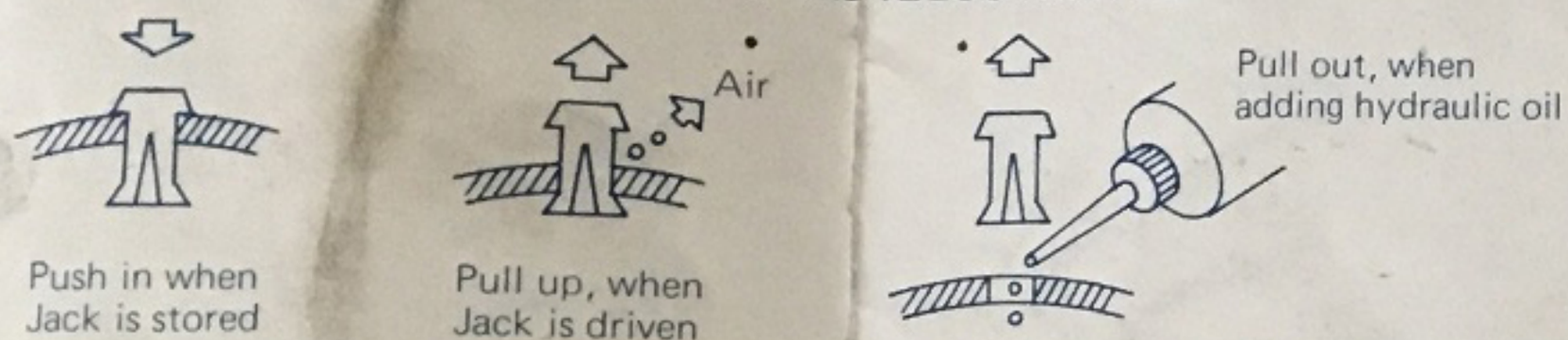
PART NO.	DESCRIPTION	QTY REQ'D	PART NO.	DESCRIPTION	QTY REQ'D	PART NO.	DESCRIPTION	QTY REQ'D	PART NO.	DESCRIPTION	QTY REQ'D
H27	Washer M16	4	H62	Nut M10	6	107	Over Load Valve	1	239	Back up Ring	1
H28	Nut M16 P=1.5	4	H63	Bolt, Lever LH	1	209	Cylinder	1	241	Bolt, Dust	1
H30	Spindle, Wheel	1	H64	Bolt, Lever RH	1	210	Oil Tank	1	244	Pin, Piston	1
H31	Caster Wheel	2	H66	Plate(A), Lifting Arm	2	213	Air Vent	1	47	Steel Ball 3/16"	1
H32	Pin, Caster Wheel	2	H67	Plate(B), Lifting Arm	2	214	Handle Base	1	247	Support, Ball	1
H33	Fork, Caster Wheel	2	H70	Washer M18	2	215	Support, Unloading	1	249	Back-up Ring	1
A34	Steel Ball 1/4"	38	H71	Retaining Ring C21	6	216	Pin, Unloading	1	256	Pin (A)	1
H35	Washer M12	6	H72	Link, Trunnion	2	217	Metal, Unloading	1	257	Pin (B)	1
H36	Bolt, Caster Wheel	2	H73	Rivet, Link	2	218	Gear (B), Unloading	1	258	Spring, Support	1
H37	Nut M12	2	F75	Rivet	1	219	Guide, Unloading	1	164	Rivet	1
H43	Pin, Mount Saddle	1	H80	Bolt, Handle	1	220	Top Nut	1	165	Retaining Ring	2
H45	Handle (B)	1	H81	Spring, Lever	1	221	Plunger	1	266	Bolt M10X36	1
H46	Bolt M6X35	1	H83	Support (A), Cylinder	2	22	Spring, Over Load	1	269	Roll Pin 2φ X20ℓ	1
H47	Handle (A)	1	H84	Support (B), Cylinder	1	25	Steel Ball 1/4"	3	270	Cross Pin	1
H48	Roll Pin 6φ X32	1	H86	Stay Bolt	1	225	Steel Ball 5/16"	1	271	Gear (A), Unloading	1
H50	Arm Frame	2	201	Oil Block	1	227	O-Ring P22	1	273	Dust Seal 19.2φ	1
H51	Bolt M12X25	2	202	Ram	1	29	O-Ring P9	2	276	Wire net #60	1
H52	Bolt M12X35	2	204	O-Ring, Cylinder	1	231	O-Ring P32	1	124	O-Ring P-18	1
H61	Washer M10	5	5	Guide, Spring	1	237	U-Packing S30	1	274	Dust Seal Support	1
F61	Lock Washer M10	2	206	O-Ring, Tank	2	238	U-Packing S11.2	1			

ADDITIONAL CAUTIONS FOR TROUBLE-FREE PERFORMANCE

In addition to the instructions/cautions stated in page 1, the following cautions are needed for trouble-free performance.

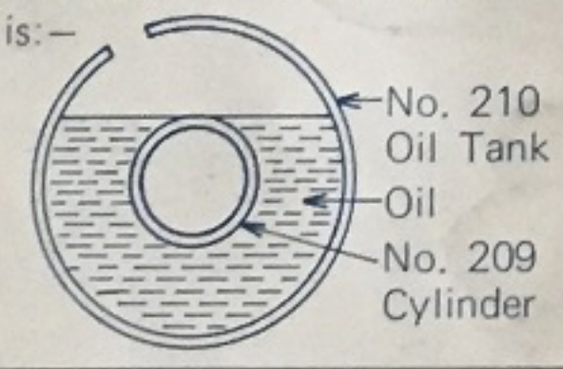
1. During transport, part No. 213 Air Vent should be fully pushed in. When you operate jack or when you purge air from Hydraulic system, pull up this part as illustrated below.
2. When jacking, jack should be placed on a level hard surface, also jack should not be overloaded more than its rated capacity.
3. For travelling, jack should be held horizontally, In case jack is held vertically, always keep part No. 213 Air Vent at 'push-in' position.
4. If Jack is not used, keep the Saddle in its lowest position, otherwise spring action of part No. H3 Return Spring is damaged.

ADJUST THE AIR VENT AS ILLUSTRATED



TROUBLE RESOLUTION

This trouble resolution chart is intended as a guide to solve only routine problem in hydraulic jack operation.

Problems	Most probable cause	Remedy
Lift arm will not rise at all	Release valve not closed	Rotate handle clockwise until anug-tight position to close release valve
Lift arm will go up only part way	Improper oil level (too low or too high)	Remove air vent and drain or add hydraulic jcak oil. Most suitable oil level is:– 
	Air in hydraulic system	See Operating instructions 1 and Additional cautions 1.
Jack operates OK with no load, but will not lift load	Load exceeds safe rated capacity of jack, safety overload system is functioning	Check and determine amount of load, and use another jack with sufficient load capacity

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