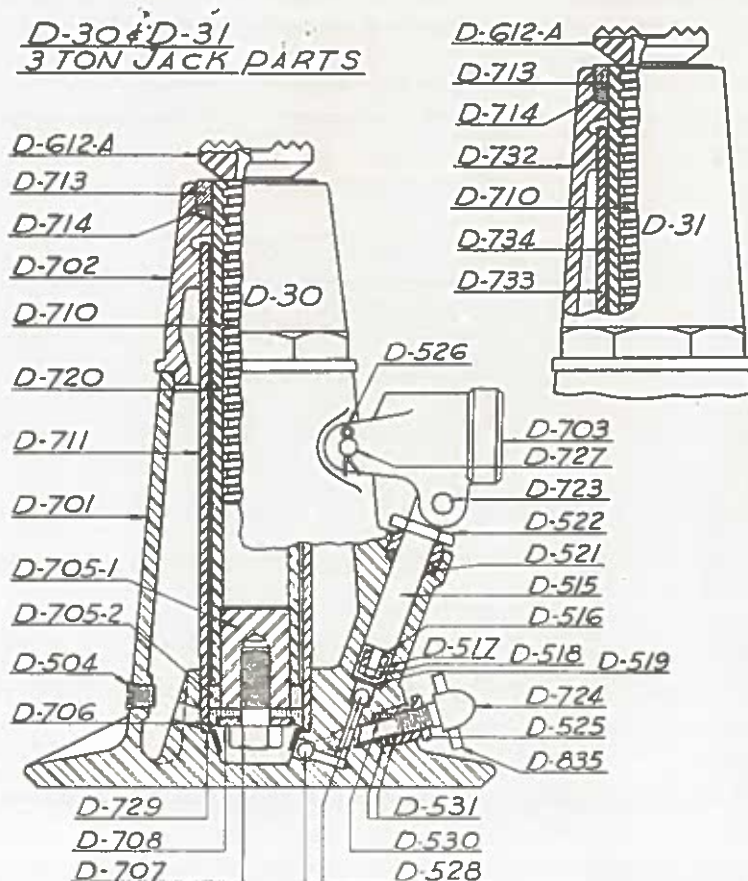


RETAIN

Service Parts and Prices DREDNAUT HYDRAULIC JACKS

Nos. D-30 & D-31 Three Ton Capacity

No. 44a
OBSOLETE. ONLY REPAIR KITS AVAILABLE. MAY HAVE PUMP PISTONS



Guarantee

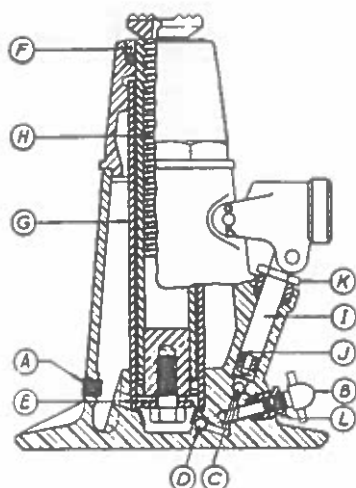
Drednaut hydraulic jacks are guaranteed against defective material and workmanship. Defective jacks will be repaired without charge providing jack or parts are returned to one of our authorized service stations or to our factory at St. Joseph, Michigan for inspection, transportation charges prepaid. Jacks worn out in service or damaged by abuse are not covered by this guarantee.

Service Parts Price List - DREDNAUT Jack D-30 & D-31

EFFECTIVE FEBRUARY 1, 1949

Part No.	Name	No. Req.	List Price	Part No.	Name	No. Req.	List Price
D-504 (2006)	Filler Plug	1	\$.15	D-705-2 (2435)	Ram Spacer Head	1	\$.27
D-515	Pump Piston	1	.25	D-706	Leather Ram Cup	1	.66
D-516 (2012)	Leather Piston Cup	1	.11	D-707	Ram Cup Screw	1	.08
D-517	Leather Retainer Piston	1	.04	D 708 (2436)	Ram Cup Retainer	1	.04
D-518 (2014)	Piston Packing Nut	1	.01	D-710 (2428)	Extension Screw	1	.48
D-519	Spring Ball Retainer	1	.01	D-711	Ram Cylinder	1	2.96
D-521	Piston Packing	1	.05	D-713	Ram Packing Nut	1	.70
D-522	Piston Packing Nut	1	.17	D-714 (2438)	Ram Packing	1	.18
D-525 (2063)	Release Packing Nut	1	.13	D 720	Ram	1	3.68
D-526	Cotter Pin	1	.01	D-723	Handle Socket Piston Pin	1	.02
D-528 (2074)	7/32" Steel Ball (2)	2	.01	D 724 (2067)	Release Screw	1	.35
D-530 (2062)	Release Valve Packing (2)	2	.04	D-727	Handle Socket Base Pin	1	.04
D-531 (2066)	Release Valve Packing Washer	2	.01	D-729	Gasket Retainer	1	.08
D-612-A (2404)	Ram Head	1	.42	D-732	Base Head	1	3.13
D-701	Base	1	7.50	D-733	Ram Cylinder	1	3.40
D-702	Base Head	1	2.72	D-734	Ram	1	4.23
D-703	Handle Socket	1	1.06	D 735	Release Screw Pin	1	.03
D-705-1	Ram Spacer Body	1	.33	D-592X	Piston Assembly	1	.64

F. O. B. ST. JOSEPH, MICH.



- A Filler Screw
B Release Screw
C Pump Valve
D Pressure Valve
E Ram Leather
F Ram Packing Nut
G Ram Cylinder
H Extension Screw
I Piston
J. Pin on Leather Cup
K Piston Packing Nut
L Release Screw Packing Nut

A. IF JACK WILL NOT OPERATE

1. Release valve "B" may be open.
2. **No Oil in Reservoir**—With jack in closed position, place in horizontal position with Decal up, add Drednaut Hydraulic Jack oil through filler plug until oil is level to filler hole. Do not use brake fluid, alcohol, thick or dirty oil.
3. **Drill Oil Line May Be Filled With Air**—With release valve "B" open, move ram up and down several times. This will suck air and oil into reservoir and leave the lines filled with oil.
4. **Intake and Pressure Valves May Be Held Open by Foreign Matter**—Remedy (2) will flush out valves and bring foreign matter into reservoir.
5. **Jack Will Not Operate on Side**—Jack may have been placed on wrong side to operate. The side of the jack with Decal must be up.
6. **Too Much Oil in Reservoir**—Too much oil is liable to cause a vacuum bound jack. The oil should be brought to the proper level as in remedy (2).

B. IF JACK WILL RAISE TO LOAD BUT WILL NOT LIFT IT

1. Release screw "B" may be closed enough to raise ram, but not closed tight enough to lift load.
2. **Ram May Be at Extended Height**—Shim jack up or use screw extension.
3. Cylinder may not be tight enough to hold high pressure.
4. Ram leather cup may have become injured or porous, allowing oil to pass it.
5. **Air Under Ram**—When there is a quantity of air under the ram, the ram will raise until it hits the load, then it will stay there until there has been sufficient number of pump strokes to compress this air to the proper pressure to lift the load. If this happens, turn jack upside down with ram extended open release screw and close jack completely. This will cause air to return to oil reservoir.
6. **Sticky Valves**—Empty all oil from reservoir and refill with gasoline or naphtha. Flush as recommended in remedy (3). Then refill with new Drednaut Hydraulic Oil.

C. IF JACK WILL NOT HOLD LOAD

1. Release valve "B" may not be tight enough.
2. Cylinder may not be tight enough.
3. Ram cup leather may have become injured or porous, allowing oil to pass it.
4. **Discharge Valve "C" May Not Be Seating Properly**—Flush off as prescribed in remedy A-3. Replace ball if flat spots or pitted surfaces are found.

D. IF JACK CANNOT BE LOWERED WITHOUT LOAD

1. Ram packing nut may have worked tight. Re-adjust packing nut and apply a little oil with finger to ram to overcome friction.

E. IF OIL SHOWS ON OUTSIDE OF JACK

1. **Around Ram, Pump and Release Screw**—Tighten packing nuts sufficiently only to stop leakage.
2. **Around Filler Plug**—Tighten filler plug.
3. **Joint Leak**—If tightening the joint will not stop leakage, then remove top, scrape all surfaces, clean and apply shellac sparingly. Allow shellac to set or air dry partially before re-tightening.
4. **Beads of Oil Appear on Base While Lifting Load**—This is a porous casting and is rated as defective.

F. IF PISTON PUMP STICKS

1. Apply a little oil with finger to piston and re-adjust packing nut.

AUTO SPECIALTIES MFG. COMPANY

St. Joseph, Michigan