

Instruction Manual

Forklift Jack



Note: Owner/Operator must read and understand this instruction Manual before using the Jack.

Specifications

Scissors Capacity	4000kgs
Post Capacity	5000kgs
Minimum-Maximum Scissors Height	65mm to 425mm
Minimum-Maximum Post Height	416mm to 724mm
Overall Size (L×W/in)	690mm to 210mm
Net Weight (approx)	45kgs

Safety Instructions

1. Read and understand the operation instructions before use.
2. This is a lifting device only. Do not move or dolly the vehicle on the jack. The load shall be supported immediately by other appropriate means.
3. Do not overload .Overloading can cause damage to failure of the jack.
4. This jack is designed for use on hard level surfaces capable of sustaining the load. Use on other than hard level surfaces can result in jack instability and possible loss of load.
5. Do not get under vehicle while jack is being used as the only support.
6. Failure to comply with these warnings may result in loss of load, damage to jack and/or failure resulting in personal injury or property damage.

Assembly

Note: For parts identification, refer to parts breakdown located on page 4.

1. Insert T-handle(25)into handle socket(34).Line up linkage(56)so that it fits into the handle)Tighten socket head cap screw(29) to secure the handle.
2. Make sure handle engages the linkage(56) by turning handle knob(22).
(For separated handle: Insert handle(25)into handle socket(34), Tighten socket head cap screw(29) to secure the handle.)

Lubrication

1. Linkage-- use #2 tube grease where linkage(56)inserts into the handle.

2. Grease Fittings--- inject #2 tube grease into two grease fittings(16).
3. Lubricate pivoting and moving parts with 30W oil.

Raising the jack

1. Turn handle knob(for T-handle type) or handle clockwise ,until resistance is felt. Do not over tighten.
2. Place jack directly under object be lifted. Check poisoning under slight load to confirm jack or load will not slip, and is properly centered under load.
3. Raise jack by pumping handle until desired height reached. After lifting, secure load by appropriate means. Do not use jack as the only means of support.

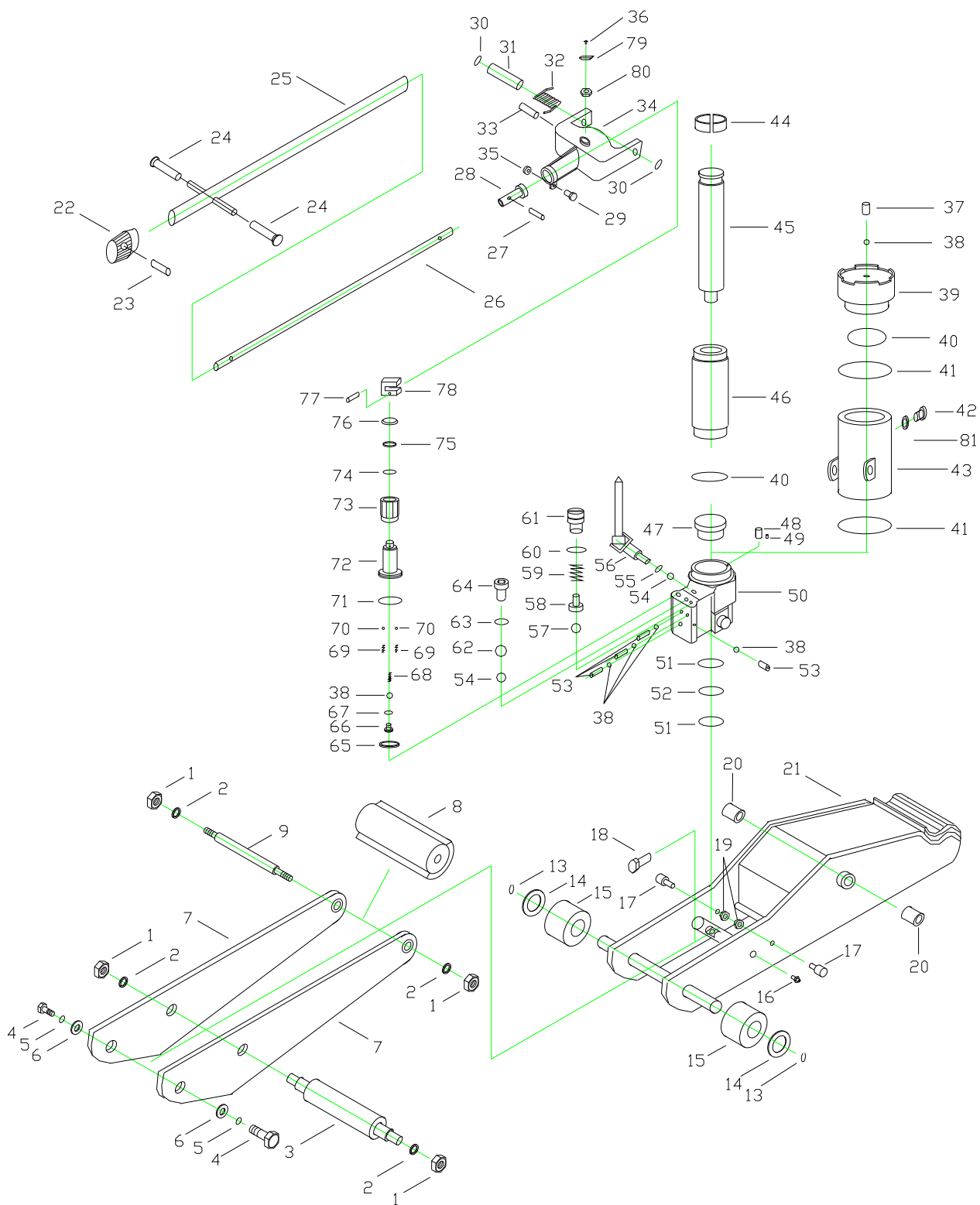
Lowering the jack

1. Slowly turn handle knob (for T-handle type) or handle counter-clockwise. Speed of descent is controlled by how much the release valve is turned. Always lower the load slowly and with caution.
2. Always store jack in the fully lowered position.

Troubleshooting

If jack fails to rise to its limit, or performs poorly remove oil fill plug(42),and inspect hydraulic oil level. Fill with high quality hydraulic jack oil to the plug level. Replace oil fill plug and test jack without a load for proper function and operation several times.

Sometimes during shipment and handling, air may be allowed into the hydraulic system, causing poor lifting performance. Before initial operation, purge any air from the system by fully opening pump release valve (turn handle knob counter-clockwise). Pump handle rapidly several times and close pump release valve, if jack does not lift properly, repeat air purging process.



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PARTS LIST

Index No.	Description	Size	Qty.	Index No.	Description	Size	Qty.
1	Nut	M16	2	46	Cylinder	φ52×244	1
2	Washer	φ16	4	47	Spacer	φ47×20	1
3	Shaft Axle	φ30×180	1	48	Filter	φ8×9	1
4	Screw	M8×15	2	49	Magnet Steel	φ6×6	1
5	Washer	φ8	2	50	Valve Block	155×146×95	1
6	Plates	φ44×3	2	51	O-Ring	37.5×3.55	2
7	Side Plates	533×138×17	2	52	Nylon Washer	φ44×1.5	1
8	Stabilizer	φ55×210	1	53	Screw	M6×15	5
9	Axle	φ24×180	1	54	Ball	φ6	2
10	Nut	M16	2	55	Ring	8.8×4.4×6	1
13	Snap Ring	φ20	2	56	Linking Axle	215×22×22	1
14	Washer	φ20×1	2	57	Ball	φ4	1
15	Rear Wheel	φ78×42	2	58	Seat	φ7.2×9	1
16	Crease Fitting	M8×1	2	59	Spring	φ7.5×19.7	1
17	Screw	M18×38	2	60	O-Ring	7.5×2.65	1
18	Screw	M8×20	1	61	Screw	M12×21	1
19	Nut	M8	2	62	Ball	φ9	1
20	Spacer	φ35×20	2	63	Gasket	φ12	1
21	Lifting Arm Assembly	583×193×104	1	64	Screw	M12×20	1
22	Handle Grip	φ38×98	1	65	Gasket	φ28.3×1.5	1
23	Handle	φ32×486	1	66	Screw	M10×13	1
24	Handle	φ32×472	1	67	O-Ring	φ6.9×1.8	1
25	Screw	M6×35	1	68	Spring	φ8×20.7	1
26	Screw	M12×22	1	69	Spring	φ4×8	2
30	Snap Ring	φ16	2	70	Ball	φ3	2
31	Axle	φ16×104	1	71*	O-Ring	18.8×2	1
32	Retaining Spring	104×32×42	1	72	Plunger	φ22×87	1
33	Pin	φ12×37	1	73	Pump	φ35×76	1
34	Socket	174×96×100	1	74*	O-Ring	14×2.65	1
36	Screw	M6×15	1	75	Back-Up ring	φ14×1.25	1
37	Screw	M8×10	2	76	Wiper	φ21×6	1
38	Ball	φ5	8	77	Pin	φ2×15	1
39	Cylinder Nut	φ90×60	1	78	Guide	28×16×25	1
40	O-Ring	47.5×2.65	2	79	Positioner	48×25×16	1
41	O-Ring	75×2.65	2	80	Nut	M6	1
42	Screw	M10×1	1	81	Washer	45×15×3	1
43	Reservoir	195×122×44	1	* included in the repair kits			
44	Bushing	φ42×13	1				
45	Piston Rod	φ38×370	1				