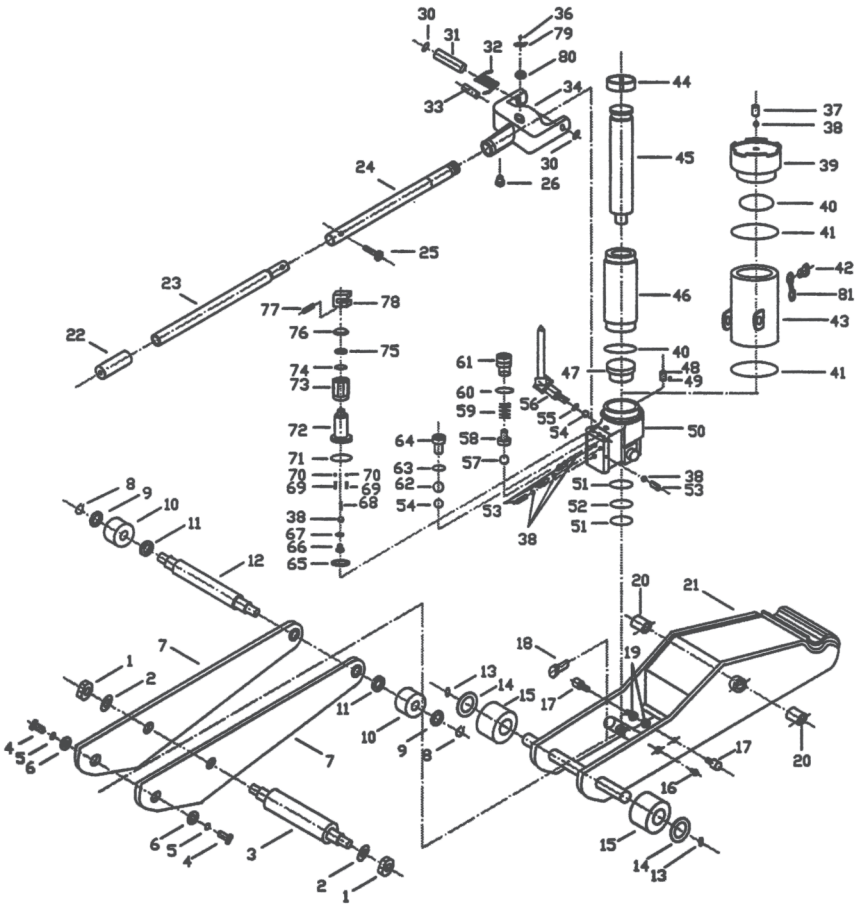
Torin™ BIG RED JACKS

Instruction Manual

FORKLIFT JACK

Note: Owner/Operator must read and understand this instruction manual before using the forklift jack.



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57	Ball	ϕ4	1
58	Seat	ϕ7.2×9	1
59	Spring	ϕ7.5×19.7	1
60	O-Ring	7.5×2.65	1
61	Screw	M12×21	1
62	Ball	ϕ9	1
63	Gasket	ϕ12	1
64	Screw	M12×20	1
65	Gasket	ϕ28.3×1.5	1
66	Screw	M10×13	1
67	O-Ring	ϕ6.9×1.8	1
68	Spring	ϕ8×20.7	1
69	Spring	ϕ4×8	2
70	Ball	ϕ3	2
71	O-Ring	18.8×2	1
72	Plunger	ϕ22×87	1
73	Pump	ϕ35×76	1
74	O-Ring	14×2.65	1
75	Back-Up Ring	ϕ14×1.25	1
76	Wiper	ϕ21×6	1
77	Pin	ϕ2×15	1
78	Guide	28×16×25	1
81	Plug	45×15×3	1

24	Handle	ϕ32×472	1
25	Screw	M6×35	1
26	Screw	M12×22	1
30	Snap Ring	ϕ16	2
31	Axle	ϕ16×104	1
32	Retaining Spring	104×32×42	1
33	Pin	ϕ12×37	1
34	Socket	174×96×100	1
37	Screw	M8×10	2
38	Ball	ϕ5	8
39	Cylinder Nut	ϕ90×60	1
40	O-Ring	47.5×2.65	2
41	O-Ring	75×2.65	2
42	Screw	M10×1	1
43	Reservoir	195×122×44	1
44	Bushing	ϕ42×13	1
45	Piston Rod	ϕ38×370	1
46	Cylinder	ϕ52×244	1
47	Spacer	ϕ47×20	1
48	Filter	ϕ8×9	1
49	Magnet Steel	ϕ6×6	1
50	Valve Block	155×146×95	1
51	O-Ring	37.5×3.55	2
52	Nylon Washer	ϕ44×1.5	1
53	Screw	M6×15	5
54	Ball	ϕ6	2
55	Square-Type Ring	8.8×4.4×6	1
56	Linking Axle	215×22×22	1

release valve (turn handle counter-clockwise). Pump handle rapidly several times and close pump release valve, if jack does not lift properly, repeat air purging process.

Parts list

Item No.	Description	Size	Quantity
1	Nut	M16	2
2	Washer	ϕ16	2
3	Shaft Axle	ϕ30×180	1
4	Screw	M8×15	2
5	Washer	ϕ8	2
6	Plates	ϕ44×3	2
7	Side Plates	533×138×17	2
8	Snap Ring	ϕ18	2
9	Washer	ϕ20×1	2
10	Front Wheel	ϕ52×30	2
11	Nut	M20×1.5	2
12	Axle	ϕ24×212	1
13	Snap Ring	ϕ20	2
14	Washer	ϕ20×1	2
15	Rear Wheel	ϕ78×42	2
16	Crease Fitting	M8×1	2
17	Screw	M18×38	2
18	Screw	M8×20	1
19	Nut	M8	2
20	Spacer	ϕ35×20	2
21	Lifting Arm Assembly	583×193×104	1
22	Handle Grip	ϕ38×96	1
23	Handle	ϕ32×486	1

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 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 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.

Trouble shooting

If jack fails to rise to its limit, or performs poorly remove Screw(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 go into the hydraulic system, causing poor lifting performance. Before initial operation, purge any air from the system by fully opening pump

Specifications

Scissors Capacity	4000kgs
Post Capacity	5000kgs
Minimum-Maximum Scissors Height	**70mm to 440mm**
Minimum-Maximum Post Height	**420mm to 730mm**
Overall Size (L×W×H)	**740mmx210mmx340mm**
Net Weight (approx.)	45kgs

Safety Instructions

1. Read and understand the instruction manual 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. Overload can cause damage to failure of the jack.
4. This jack should be used on hard level surfaces capable of sustaining the 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, please refer to parts breakdown listed on page 4.

Make sure handle engages the linkage (56) .Insert handle (24) into handle socket (34), Tighten socket head cap screw (26) to fix the handle firmly.)

TORIN JACKS, INC.
Ontario, CA 91761

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