



# INSTRUCTION MANUAL & PARTS BREAKDOWN



## Model 14370

### 7.5 Ton Forklift Jack

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# INSTRUCTION MANUAL

## ! WARNING !

To avoid serious personal injury, always wear proper protective gear, such as hard hats, safety glasses, gloves, and steel toe shoes when using hydraulic equipment. Failure to chock the wheels and crib the vehicle can result in Serious injury or death. Always deflate tires before removing a wheel, a rim, or part of a rim clamp or nut. If you do not deflate the tire, the tire could explode, causing serious injury or death. Always stand to one side of the rim when using the bead breaker. Standing to one side of the bead breaker allows you to maintain control of the bead breaker. If it is not seated properly and flies off the rim, the bead breaker could cause serious injury or death.



### SAVE THESE INSTRUCTIONS.

For your safety and the safety of others around you, read carefully before attempting to install, assemble, service or use this forklift & tractor jack. Observe all safety and warning information. Failure to comply with the information contained within could result in severe, even fatal injury and/or property damage.

### GENERAL DESCRIPTION

**INTENDED USE--** A versatile jack having a low enough profile to raise forklifts and a high enough profile to raise farm equipment, tractors and some earth moving equipment.

#### Technical Features

1. Two lift points for numerous lifting applications
2. 2.25" (5.7 cm) low profile height at the scissors end for lifting forklift.
3. Short pump arc provides faster rising and eliminates the need to bend down to get the full pump stroke.
4. Front and rear wheels ensure jack centered under the load.
5. Safety overload valve prevents jack from being beyond its rated capacity.

#### Important Notice

It is the responsibility of the owner and / or operator to read this instruction manual carefully before using this jack. Proper use and care of the jack will help assure you of continuous, safe, trouble free performance. Failure to follow any of these instructions may result in property damage or personal injury.

#### WARNING!

The forklift & tractor jack is designed for raising forklift or other farm equipment only. Use only on hard level surface. Follow safety instructions included with product for safe use.

#### Safety Warnings

1. This is a lifting device only. Do not use as a dolly while vehicle is on the jack.
2. Do not overload which may cause damage to or failure of the jack.
3. Lifting only on the points suggested or specified by the vehicle manufacturer.
4. Be sure to use jack on hard, level surface ground.



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### Safety Warnings (Cont.)

5. Do not work under vehicle while jack is the only support device.
6. Any parts missing or damaged or found to be badly worn, it should be removed from service.
7. Failure to comply with these warning may result in loss of load, damage to jack, and/or failure resulting in personal injury or property damage.

### Specifications:

Lifting Weight:	7 Tons
Min Height:	2.25" (5.7 cm) low clearance
Max Height:	16.6" (41 cm) max lifting height
Weight:	99 lbs (45 kg)

### Assembly :

1. Remove unit from package. It is recommended to have two people lift the jack.
2. Lift up on the top cylinder until at a 90 degree vertical position. Slowly lower the cylinder while guiding the u-shaped piston rod pad at the bottom of the cylinder onto the frame.
3. Lay the jack on its side. Using a hammer and punch, tap the dow pin into the u-shaped piston rod until flush. This will secure the cylinder onto the frame.

### Operation:

#### Raising the Jack

1. Turn handle knob clockwise, until resistance is felt. Do not over tighten.
2. Place jack directly under vehicles to be lifted. Check the position 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 is reached. After lifting, secure load by jack stand or other appropriate means. Do not use jack as the only means of support.

#### Lowering the Jack

1. Slowly turn handle knob counter-clockwise. Speed of descent is controlled by how much the release valve is opened. Always lower slowly and with caution
2. Always store jack in the fully lowered position.



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### Troubleshooting

1. If jack fails to rise to its limit, or performs poorly, remove oil fill plug, and inspect hydraulic oil level.
2. Fill with high quality hydraulic jack oil to the level. Replace oil fill plug and test jack under no load for proper function and operation several times.
3. Sometimes during shipment and handling, air may be flowed 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, please repeat air purging process.

### Maintenance

1. All the linkage and moving joints require frequent lubrication. Any chassis grease and motor oil can be used.
2. The jack should be stored in a place being well ventilated and moist-proof.

- READ INSTRUCTIONS CAREFULLY BEFORE USE. INSPECT JACK BEFORE EACH USE. CHECK FOR DAMAGED WELDS.
- ALWAYS WORK ON A SOLID LEVEL SURFACE, NEVER ROLL ACROSS A SURFACE WITH CRACKS, HOLES OR OTHER OBSTACLES WHICH MIGHT IMPEDE MOVEMENT.
- NEVER EXCEED THE RATED CAPACITY
- FAILURE TO COMPLY WITH ANY OF THESE CAUTIONS MAY CAUSE SERIOUS INJURY.



# INSTRUCTION MANUAL

## Parts List For

7.5 Ton Forklift

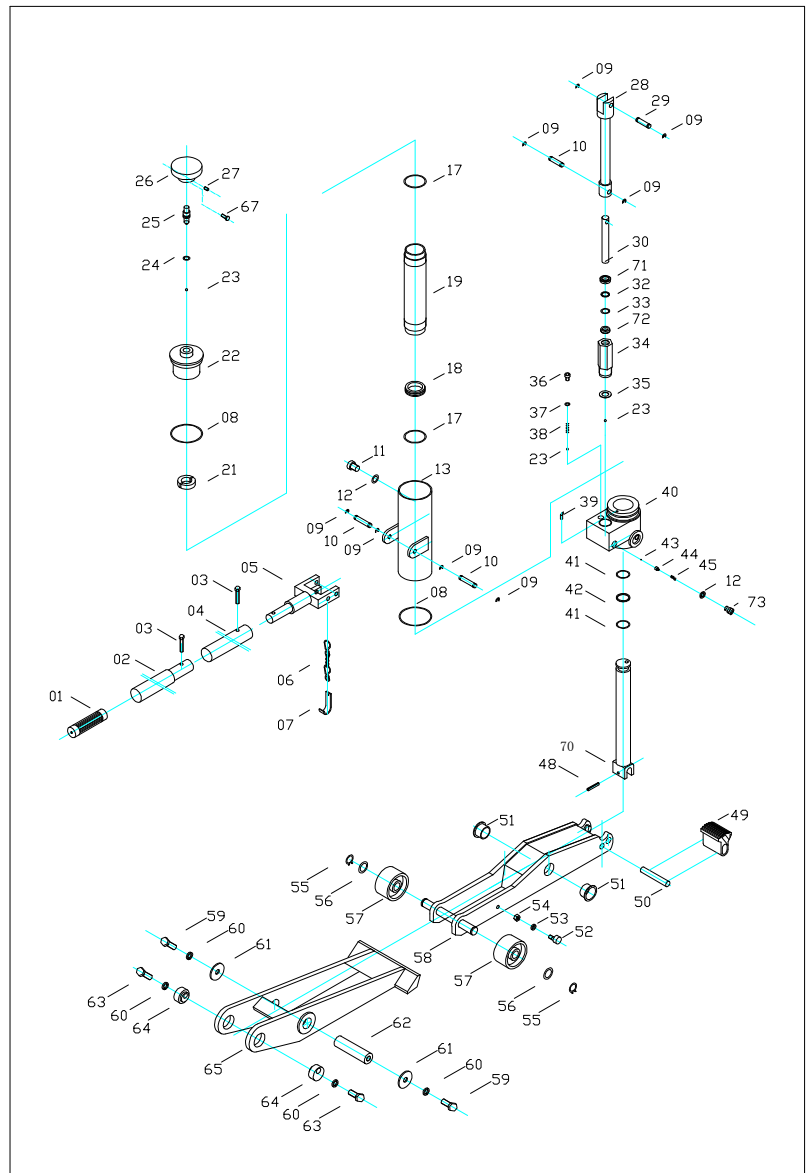
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Rated capacity	7000kg/15400lbs
Starting pad height (notch)	65mm/2-1/2inches
Max.raised height	420mm/16-1/2inches
Width	250mm/9-4/5inches
Weight	48kg/105.6lbs







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7.5 Ton Forklift Jack

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NO	DESCRIPTION	QTY	NO	DESCRIPTION	QTY
01	Grip	1	38	Spring	1
02	Handle 1	1	39	Magnet Steel	1
03	Screw	2	40	Valve Block	1
04	Handle 2	1	41	O-Ring	2
05	Handle Base	1	42	Back-Up Ring	1
06	Chain	1	43	Ball	1
07	Chain Hook	1	44	Ball Seat	1
08	O-Ring	2	45	Spring	1
09	Retaining Ring	10	48	Pin	1
10	Pin	3	49	Saddle	1
11	Screw	1	50	Pin	1
12	O- Ring	2	51	Spacer	2
13	Oil Tank	1	52	Screw	2
17	O-Ring	2	53	Lock Washer	2
18	Port Ring	1	54	Nut	2
19	Cylinder	1	55	Snap Ring	2
21	Piston	1	56	Washer	2
22	Valve Seat	1	57	Wheel	2
23	Ball	3	58	Frame 2	1
24	O-Ring	1	59	Screw	2
25	Release Rod	1	60	Lock Washer	4
26	Release Knob	1	61	Washer	2
27	Pin	1	62	Axle	1
28	Link Rod	1	63	Screw	2
29	Pin	1	64	Trunnion	2
30	Plunger	1	65	Frame 1	1
32	Back-Up Ring	1	67	Screw	1
33	O-Ring	1	70	Piston Rod	1
34	Pump	1	71	Wiper	1
35	Seal Ring	1	72	Y-Ring	1
36	Screw	1	73	Screw	1
37	Seal Ring	1			

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