Operating Instructions

GT Industrial Toe Jack

Note: The Operator must read and fully understand the operating instructions before using this product

SPECIFICATIONS

Head Capacity t	Toe Capacity t	Min. toe Height mm	Max. toe Height mm	Min. head Height mm	Max. head Height mm	Packing Size mm	Net weight kgs
5	2.5	18	130	235	362	215x160x260	10
10	5	25	148	295	418	305x220x320	24
20	10	32	173	330	471	325x275x355	38
30	15	32	200	344	520	330x280x260	48
50	25	40	160	390	520	395x300x420	80

WARNING ⚠

- Read the entire contents of this manual before attempting to operate the toe jack.
- This toe jack was designed and intended for use by properly trained personnel only. If you are not familiar with the proper and safe use of a toe jack, do not use this jack until proper training and knowledge have been obtained.
- Use the jack on hard, level surfaces only. Never use the jack on a slope or soft surfaces.
- Never load the toe jack beyond its rated capacity.
- Support raised loads with appropriate supports. Never use the toe jack as a sole means of support.
- Keeps arms, legs, fingers, and toes clear of a lifted load at all times.
- Do not add weight to a supported load.
- Keep lifted loads as low as possible.
- Remove the handle from the toe jack body when not in use. Never use any handle other than the one designed for the toe jack.
- Retract the ram completely when finished using the jack. An extneded ram might get damaged.
- Do not lower a load suddenly and stop in the middle of a lift. Damage to the jack may occur.
- Replace the warning label on the jack if it is damaged or unreadable.
- Failure to comply with all these warnings may cause serious injury and/or damage to property.

Operation

To raise the jack:

1. Inset the end of the handle into the release stem.
2. Turn the release stem clockwise completely to close the valve. Do not over tighten.
3. Insert the handle into the handle socket.
4. Pump the handle to raise the load.

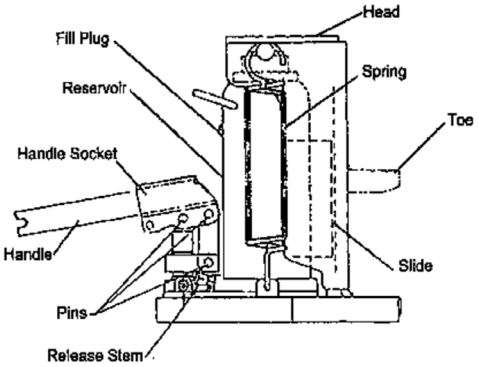
To lower the jack:

1. Insert the end of the handle into the release stem and turn slowly counter-clockwise to open the valve.

WARNING!

Slowly turn the release valve! Turning the release valve quickly makes the load fall rapidly and may lead to the loss off the load or damage to the jack!
Failure to comply may cause serious injury and/or property damage!

2. Do not turn the release valve around more than two complete revolutions.
3. When storing the jack, retract the ram completely and wipe off any dirt, oil, or other contaminants.



LUBRICATION

- Lubricate the pins with a few drops of machine tool oil monthly.
- Lubricate the slide with #2 lithium based grease monthly.

- **To fill the reservoir with oil:**

1. Retract the ram completely.
2. Remove the filler plug.

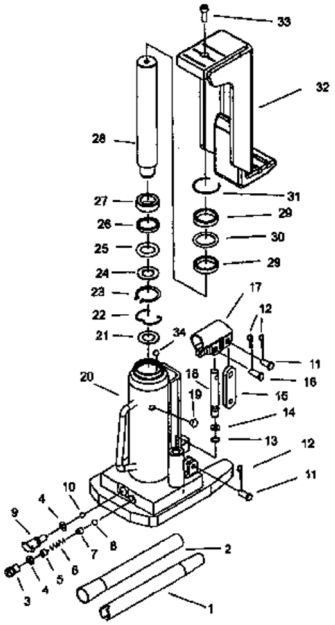
WARNING!

Make sure no contaminants enter the cylinder when filling with oil! Never use any oil other than hydraulic jack oil to fill the cyliner!
Failure to comply may cause the jack to fail!

3. Fill the reservoir with hydraulic jack oil to the bottom edge of the fill hole with the jack in the upright position.
4. Replace the filler plug.
5. Raise the ram to its full height and pump five or six times after the ram has reached its full height.
6. Push the ram down completely.
7. Push the filler plug sideways to let the trapped air bleed out.

Problem	Cause	Solution
Toe will not extend	Release stem is open Dirt or crack in valve sealing section.	Close release stem completely. Clean and repair or replace.
Jack will not lift to full height	Not enough or too much hydraulic jack oil in reservoir.	Fill reservoir with correct amount of hydraulic jack oil.
Toe extends but falls immediately.	Air in the system.	Press ram down to the lowest position and let air out by pushing filler plug sideways.
Handle pops up.	Delivery valve seal is damaged	Replace delivery valve seal.
External oil leak.	Danage to top or bottom of reservoir, release stem or pump.	Repair or replace.

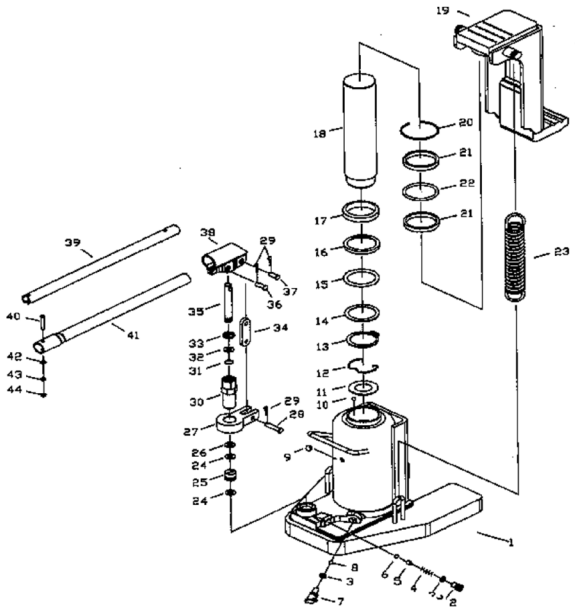
PART LIST FOR 2 TONNE TOE JACK



Part no.	Description	Qty
1	Handle B	1
2	Handle A	1
3	Bolt	1
4	O ring	2
5	Bolt	1
6	Spring	1
7	Sealing washer	1
8	Steel ball	1
9	Release Valve rod	1
10	Steel ball	1
11	Pin B	2
12	Pin	3
13	O ring	1
14	Nylon snap ring	1
15	Link rod	1
16	Pin A	1
17	Handle socket	1

Part no.	Description	Qty
18	Cylinder pump plunger	1
19	Oil filler plug	1
20	Pump unit	1
21	Washer	1
22	Snap ring	1
23	Snap ring	1
24	Snap ring	1
25	O ring	1
26	Washer	1
27	Snap ring	1
28	Piston rod	1
29	Snap ring	2
30	O ring	1
31	Snap ring	1
32	Hanger	1
33	Bolt	1

PART LIST FOR 5-10 TONNE TOE JACK



Part no.	Description	Qty
1	Pump unit	1
2	Bolt	1
3	O ring	2
4	Spring	1
5	Sealing washer	1
6	Steel ball	1
7	Release valve rod	1
8	Steel ball	1
9	Oil filler plug	1
10	Steel ball	2
11	Washer	1
12	Snap ring	1
13	Snap ring	1
14	Snap ring	1
15	O ring	1
16	Washer	1
17	Washer	1
18	Piston rod	1
19	Hanger	1
20	Snap ring	1
21	Snap ring	2
22	O ring	1

Part no.	Description	Qty
23	Spring	2
24	Copper washer	2
25	Oil valve	1
26	Nylon snap ring	1
27	Pump base	1
28	Link rod pin B	1
29	Pin	3
30	Pump cylinder	1
31	O ring	1
32	Nylon snap ring	1
33	Dustproof ring	1
34	Link rod	1
35	Cylinder pump plunger	1
36	Pin	1
37	Link rod pin	1
38	Handle socket	1
39	Handle B	1
40	Bolt	1
41	Handle A	1
42	Washer	1
43	Lock washer	1
44	Bolt	1

NOTES

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