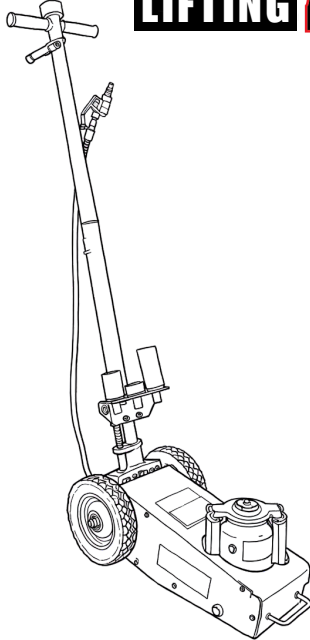


eQuipt

LIFTING *Designed to DELIVER*



PRODUCT CODE: E43-0230

22,000KG TRUCK JACK

OWNER'S MANUAL

Safe Working Capacity	Minimum Height	Maximum Height (with 100mm Adaptor)	Hydraulic Stroke	Adaptor Sizes (mm)	Screw Adjustment (mm)	Operating Air Pressure
22,000KG	225mm	452mm (552mm)	124mm	21/61/100	103	110-125psi



TQB Brands Pty Ltd

www.tqbbrands.com.au

WARNING**IMPORTANT: READ ALL INSTRUCTIONS BEFORE USE****WARNING**

Read and understand this manual, including all instructions and warnings, before using, operating, assembling, installing, maintaining, or servicing this product. Do not allow anyone to use or operate this product until they have read and fully understand this manual and its safety information. Failure to follow the instructions and warnings in this manual may result in serious injury or death to the user or bystanders, and/or damage to the product, property, or equipment. Keep this manual readily available for future reference.

Whilst every effort has been made to ensure accuracy of information contained in this manual, the TQB Brands Pty Ltd policy of continuous improvement determines the right to make modifications without prior warning.



**Compressed Air
Components**



**Maintenance
Required**



Hydraulic Fluids

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INTENDED USE

- Heavy duty truck
- Agriculture
- Construction
- Mining
- Marine applications
- Oil field
- Automotive





SAFETY OPERATING INSTRUCTIONS



PRE-OPERATIONAL SAFETY CHECKS

- Confirm the vehicle's gross mass does not exceed the jack's marked Safe Working Load (SWL).
- Consult the vehicle manufacturer's handbook for approved jacking points and weight distribution.
- Position the jack on a hard, flat, level surface capable of supporting the full vehicle mass.
- Fully apply the parking brake and securely chock all wheels remaining on the ground.
- Thoroughly inspect the jack before every use for leaks, cracks, bent/damaged components, excessive saddle wear, smooth release valve operation (both directions), and legible warning labels/SWL markings. DO NOT USE if damaged—tag out and remove from service immediately.
- Centre the load directly on the saddle; never allow off-centre loading or use damaged/non-standard saddle adaptors.

KEY HAZARDS AND PROHIBITIONS

- Always read, understand, and follow all instructions and warnings in this manual before operating.
- Never exceed the marked SWL or lift in a poorly lit, cluttered, or unstable work area.
- Never work under or rely on the jack alone to support a raised vehicle—immediately transfer the load to approved Australian Standard jack stands (AS/NZS 2693) after raising.
- Never modify the jack, make unauthorised repairs/alterations (e.g., welding, grinding), or use it for any purpose other than lifting/lowering vehicles as described.
- Never move, tow, or shift the vehicle while supported only by the jack.
- Do not allow unauthorised, untrained persons (including children) to operate the jack.
- Failure to inspect, maintain, or service per manufacturer's recommendations can lead to sudden failure.

FAILURE TO FOLLOW THESE INSTRUCTIONS CAN RESULT IN DEATH OR SERIOUS INJURY.



WARNING



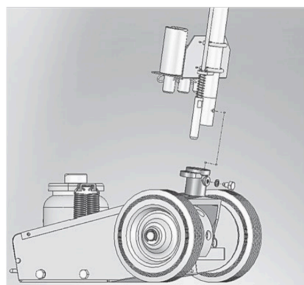
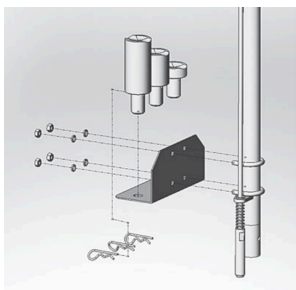
ENSURE WHEELS ARE CHOCKED BEFORE LIFTING. ENSURE JACK IS USED ON A HARD LEVEL SURFACE THAT CAN HOLD THE WEIGHT. ENSURE THE LOAD IS CENTRALLY LOCATED ON THE HEAD CAP. CONSULT THE VEHICLE MANUFACTURER OWNERS MANUAL PRIOR TO LIFTING THE VEHICLE TO ENSURE THE CORRECT LIFT POINT SPECIFIED BY THE VEHICLE MANUFACTURER IS USED. THIS IS A LIFTING AND LOWERING DEVICE ONLY AND IS DESIGNED FOR LIFTING PART OF THE TOTAL VEHICLE. DO NOT MOVE OR DOLLY THE VEHICLE WHILST THE VEHICLE IS ON THE JACK.

ASSEMBLY, PREPERATION, OPERATION, PREVENTATIVE MAINTENANCE

Assembly

Assemble the handle:

- Attach the height adaptor holder to the lower handle section using the two U-bolts and nuts.
- Connect the upper and lower handle sections together.
- Insert the lower handle locking position pin into the lower handle section.
- Thread the lower handle locking position pin into the upper rod section.
- Place the handle assembly into the handle socket.
- Adjust the length of the handle locking pin as required to ensure it fully engages and seats securely into each locking notch.
- Secure the handle with bolt.



Before first use

Conduct a thorough visual inspection for any abnormal conditions, such as cracked welds or damaged, loose, or missing parts.

- Verify that the product is suitable for the intended application and load.
- Pour a teaspoon of high-quality air tool lubricant into the air supply inlet of the lift control valve. Connect to the air supply and operate for 3 seconds to distribute the lubricant evenly.
- Check that the pump operates smoothly before putting the jack into service. Replace any worn or damaged parts with manufacturer-approved replacements only.
- This product is fitted with a standard 1/4" NPT air fitting. To replace it, install a 1/4" NPT fitting of your choice and apply thread tape or sealing compound to ensure an airtight connection.

Perform bleeding procedure

Air can accumulate within a hydraulic system during shipment or after prolonged use. This entrapped air causes the jack to respond slowly or feel "spongy".

Follow the bleeding procedure available at the following link or via scanning the QR code:

www.tqbbrands.com.au/media/tqb_downloads/Instructions/Bleed%20Instructions_2004T_B2003T_BTJ35TA_BTJ50TA.pdf



ASSEMBLY, PREPERATION, OPERATION, PREVENTATIVE MAINTENANCE cont.**Operation**

Prior to each use always conduct a visual inspection checking for and any abnormal conditions, such as cracked welds, and damaged, loose, or missing parts.

Raising the Jack:

1. Chock the vehicle's wheels to keep it stable and prevent any unwanted movement or shifting.
2. Put the jack on a hard, level surface near the spot you want to lift.
3. Set the parking brake on the vehicle.
4. Check the vehicle's owner manual for the recommended safe lifting points.
5. Position the jack so the saddle is centered under the chosen lifting point and will make firm contact when raised.
6. Close the release valve by turning it clockwise until it's snug.
7. Connect a clean, dry compressed air supply (100-120 psi) to the jack. Add an air filter or lubricator to the air line if needed, as water in the line can cause damage.
8. Before lifting, double-check that the saddle is centered and fully touching the lifting point.
9. Squeeze the lift control trigger to raise the saddle until it contacts the load. (To pause lifting, just release the trigger.)
10. Keep pumping the jack to lift the vehicle to the desired height.
11. Right away, place approved jack stands under the vehicle at the points recommended in the manual for support.
12. Slowly turn the release valve counterclockwise to lower the vehicle gently onto the jack stands, ensuring the stands catch the load safely as the ram retracts fully.

**WARNING**

Never wire, clamp or otherwise disable the lift control valve to function by any means other than by using the operator's hand. Use the handle provided with this product or an authorised replacement handle to ensure proper release valve operation. Do not use extensions on the air hose or on the operating handle.

To Lower Vehicle:

1. Raise the vehicle slightly by following the raising steps (squeeze the lift control trigger to lift the vehicle high enough to clear the jack stands).
2. Carefully remove the jack stands from under the vehicle.
3. Slowly open the release valve by turning the knob on the top of the handle counterclockwise to lower the vehicle gently to the ground.
4. Once the load is fully lowered and the wheels are on the ground, fully retract the ram by continuing to open the release valve as needed.
5. Disconnect the air supply, then remove the jack from beneath the vehicle to minimize exposure to dirt and grime.



ASSEMBLY, PREPERATION, OPERATION, PREVENTATIVE MAINTENANCE cont.**Maintenance**

Proper use and regular maintenance will ensure many years of reliable service from your jack. Monthly maintenance is recommended. Lubrication is especially critical for jacks that handle heavy loads—any restriction caused by dirt, rust, or lack of lubrication can result in slow operation or sudden, jerky movements that may damage internal components.

Important:

Dirt is the single greatest cause of failure in hydraulic units. Keep the jack clean and well lubricated to prevent foreign matter from entering the system. If the jack has been exposed to rain, snow, sand, or grit, clean it thoroughly before storage or use.

1. Use only manufacturer-approved replacement parts. Always disconnect the air supply before performing any maintenance.
2. Lubricate the pump mechanism, ram, linkages, saddle, and moving parts with light machine oil or as specified.
3. Visually inspect the ram, linkages, saddle, wheels, and other components for cracked welds, bent parts, loose or missing items, or hydraulic oil leaks.
4. If the jack is damaged, worn, or operates abnormally, remove it from service immediately until repaired by an authorised service representative.
5. Regularly clean all surfaces and ensure all labels and warnings remain legible.
6. Every three months, check the hydraulic ram oil level for signs of rust or corrosion. Clean as needed and wipe with an oily cloth.
7. When not in use, always fully retract the ram and saddle to the lowest position.
8. Always store the jack with the ram fully retracted. This protects critical areas and seals from corrosion. Do not use brake fluid, transmission fluid, or regular motor oil, as they can damage the seals and internal components.

Inspection

Prior to each use, conduct a thorough visual inspection for any abnormal conditions, such as cracked welds, hydraulic leaks, damaged, loose, or missing parts.

- This jack must be maintained in accordance with the maintenance instructions in this manual. Do not make any alterations or modifications to the jack.
- Perform inspections in accordance with this owner's manual.
- Inspect the jack immediately if it has been subjected to abnormal load, shock, or impact.
- Owners and operators should be aware that repair of this product may require specialised equipment and knowledge.

Lubrication

Proper lubrication prevents wear, rust, and failure. Incorrect lubrication causes poor performance and damage. Always follow the TQB Brands Lubrication Guide for the correct method, points, and frequency.

www.tqbbrands.com.au/media/tqb_downloads/Instructions/Lubrication_Guide_Truck_Jack_Air_Actuated_2004T_B2003T_BTJ35TA_BTJ50TA.pdf



ASSEMBLY, PREPERATION, OPERATION, PREVENTATIVE MAINTENANCE cont.**Adding hydraulic oil**

NEVER USE BRAKE FLUID, TURBINE OIL, TRANSMISSION FLUID, MOTOR OIL, OR GLYCERIN. IMPROPER FLUID WILL CAUSE PREMATURE FAILURE OF THE JACK AND THE POTENTIAL FOR SUDDEN OR IMMEDIATE LOSS OF LOAD.

1. With the saddle fully lowered, set the jack in its upright, level position.
2. Remove the oil filler plug.
3. Fill until oil level is just beneath the lower rim, then reinstall the oil filler plug.



Hydraulic Oil
Grade: ISO 32

Replacing the hydraulic oil

For best performance and longest life, replace the complete fluid supply at least once per year.

1. With the saddle fully lowered, remove the oil filler plug.
2. Lay the jack on its side and drain the fluid into a suitable container.
3. Fill the oil case until the oil level is just beneath the lower rim. **KEEP DIRT AND OTHER MATERIAL CLEAR WHEN POURING.**
4. Replace the oil plug.
5. Perform the air bleeding procedure (refer to page 5 of this manual).

Service and repair

Any jack that is damaged, excessively worn, or operating abnormally must be immediately removed from service and not used until repaired by an authorised service agent.

Owners and operators should note that proper repair of this product often requires specialised equipment, tools, and technical knowledge.

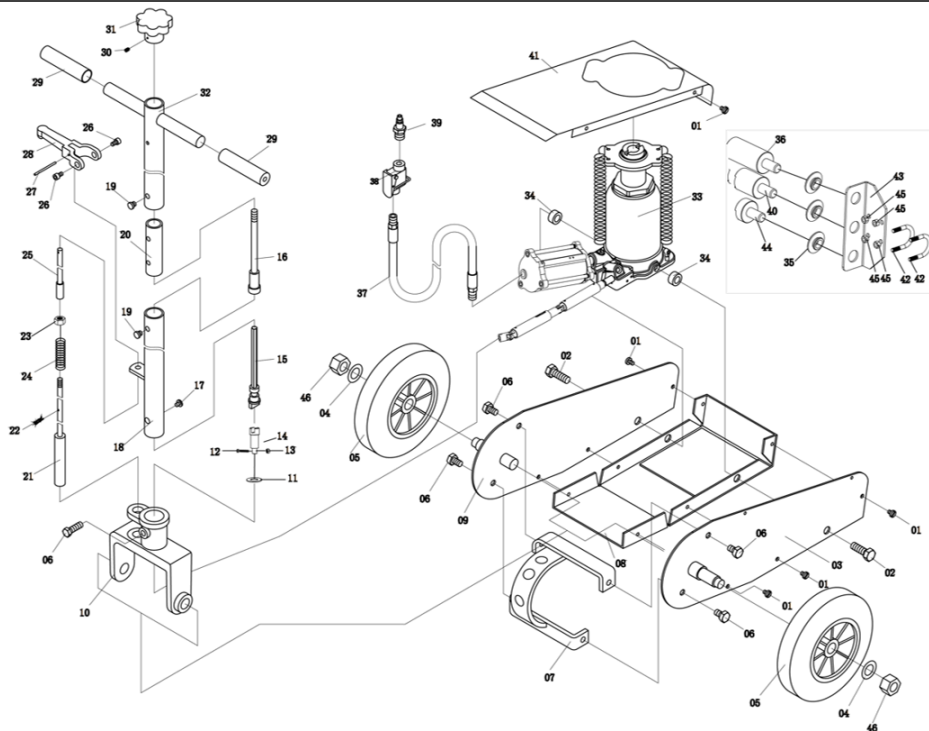
Use only manufacturer-authorised replacement parts, labels, and decals on this equipment—unauthorised items may compromise safety and performance.

An annual professional inspection by an authorised repair facility is strongly recommended to verify the jack is in optimal condition, free of defects, and fitted with all required manufacturer-specified safety labels and decals.

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PARTS DIAGRAM AND LIST

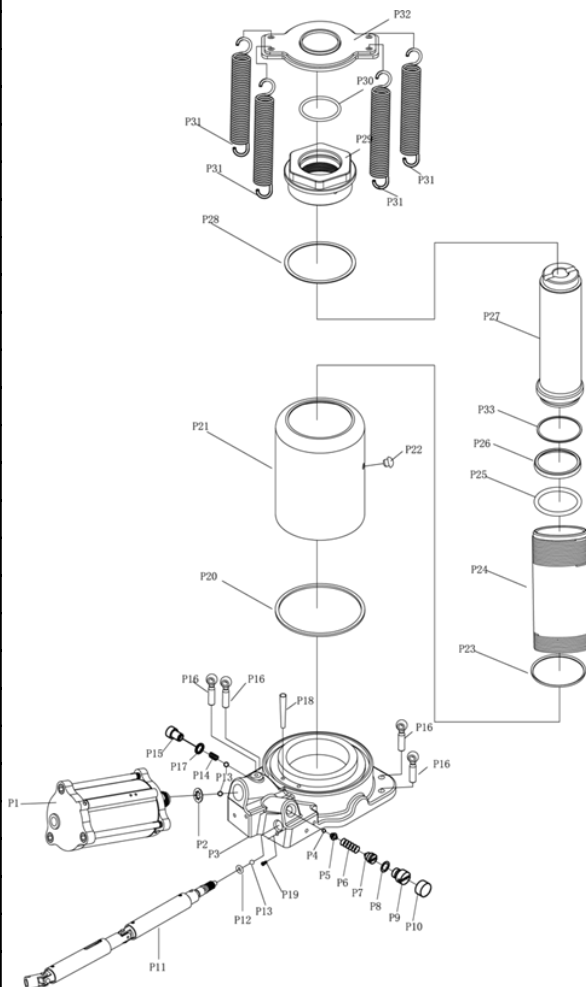


Part #	Description	QTY
1	Screw	10
2	Bolt	2
3	Right Frame	1
4	Retainer Ring	2
5	Wheel	2
6	Bolt	5
7	Handle Positioning Bracket	1
8	Base	1
9	Left Plate	1
10	Handle Receiver	1
11	Washer	1
12	Screw	1
13	Nut	1
14	Connector	1
15	Link Rod	1
16	Link Rod	1
17	Screw	1
18	Lower Handle	1
19	Screw	2
20	Roller	1
21	Pin	1
22	R-Pin	1
23	Nut	5

Part #	Description	QTY
24	Spring	1
25	Rod	1
26	Screw	1
27	Pin	1
28	Handle Positioning Lever	1
29	Handle Grip	2
30	Screw	1
31	Knob	1
32	Upper Handle	1
33	Pump	1
34	Washer	2
35	Rubber Case	3
36	Saddle (100mm)	1
37	Air Hose	1
38	Air Valve	1
39	Air Connector	1
40	Saddle (61mm)	1
41	Plate	1
42	U-Bolt	2
43	Saddle Shelf	1
44	Saddle (21mm)	1
45	Nut	4
46	Nut	2

PARTS DIAGRAM AND LIST

Part #	Description	QTY
P1	Air Motor	1
P2	Copper Washer	1
P3	Base	1
P4	Steel Ball	1
P5	Steel Ball Seat	1
P6	Spring	1
P7	Screw	1
P8	O-Ring	1
P9	Screw	1
P10	Cap	1
P11	Release Valve	1
P12	O-Ring	1
P13	Steel Ball	3
P14	Spring	1
P15	Screw	1
P16	Bolt	4
P17	Copper Washer	1
P18	Filter	1
P19	Screw	1
P20	Seal Ring	1
P21	Reservoir	1
P22	Filler Plug	1
P23	Seal Ring	1
P24	Ram	1
P25	O-Ring	1
P26	Seal Ring	1
P27	Piston Rod	1
P28	Seal Ring	1
P29	Cap Nut	1
P30	O-Ring	1
P31	Spring	4
P32	Hook	1
P33	Nylon Washer	1



TROUBLESHOOT

PROBLEM	POSSIBLE CAUSE	ACTION
Jack will not lift	- Release valve in wrong position Low/no oil in reservoir - Air-locked system - Load is above capacity of jack - Delivery valve and/or bypass valve not working correctly - Seals worn out or defective	- Move release valve to UP position - Fill with oil and bleed system - Bleed system - Use correct equipment - Clean to remove dirt or foreign matter. Replace oil - Install appropriate seal kit
Jack lifts only partially	Too much or not enough oil	Check oil level
Jack advances slowly	- Pump not working correctly - Leaking seals	- Install seal kit, or replace power unit - Install seal kit
Jack lifts load, but doesn't hold	- Cylinder packing is leaking - Valve not working correctly (suction, delivery, release or bypass). - Air-locked system	- Install seal kit - Inspect valves. Clean and repair seat surfaces - Bleed system as per instructions
Jack leaks oil	Worn or damaged seals	Install seal kit
Jack will not retract	Release valve control in wrong position	Move Release valve to DOWN position
Jack retracts slowly	Cylinder damaged internally	Send jack to authorised service centre




WARRANTY**eQuipt Product Warranty Information**

All eQuipt products undergo thorough testing and quality assurance procedures prior to dispatch to ensure they are free from defects in materials and craftsmanship. A warranty is provided for a period of twelve months from the date of purchase. This warranty shall be void if the product is leased or hired out to third parties.

Warranty Claim Process

Should you experience any issues with your equipment, please return the complete product to your nearest authorized warranty repair agent or contact the TQB Brands Pty Ltd Warranty team at warranty@tqbbrands.com.au.

- If an inspection determines that the fault is due to defective materials or workmanship, repairs will be conducted at no cost to you.
- This warranty does not cover normal wear and tear or damages resulting from misuse, careless handling, unsafe practices, alterations, accidents, or repairs attempted by anyone other than an authorized TQB Brands Pty Ltd repair agent.

Important Notes

- This warranty supersedes any other expressed or implied guarantees, and modifications to its terms are not permitted.

Your TQB Brands Pty Ltd warranty is valid only if you can provide a dated receipt or invoice as proof of purchase within the 12-month period.

Consumer Guarantee Our goods come with a guarantee that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.





**SCAN QR CODE
FOR TOP TIPS ON
HOW TO INCREASE
THE LIFE OF YOUR
AIR ACTUATED
TRUCK JACK**

DISCONNECT AIR LINE PRIOR TO ANY MAINTENANCE



TQB Brands Pty Ltd

www.tqbbrands.com.au