

TI BRADBURY

873 JACKETTE 2

2 TONNE TROLLEY JACK

WARNING:

Do not attempt to operate this equipment unless you have read and understood the safety and operating instructions enclosed.

After-sales service and repair of this equipment is fully supported by a network of Bradbury registered service agents and repairers.

Introduction and Reception

The 873 Jackette 2 is a kerb-type trolley jack designed for raising vehicles so that they can be supported on axle stands for service/repair work.

The handle is quickly detachable and self-engaging to aid handling and transportation for roadside repairs.

Unpack the equipment carefully. Check and report any loss or damage to the carrier and supplier immediately.

Unpacking, Assembly and Preparation for Use:

1. Lay box on the floor as indicated by the arrows printed on each side and unfasten both ends. Take handle out of box and remove protective wrapping.

Insert handle into socket and engage release valve drive (see Operating Instructions).

Rotate handle fully to the "Lower" position (see Operating Instructions) and draw jack out of box.

2. The operator(s) should become familiar with the handle retention device prior to using the jack (see Operating Instructions).
3. Before use, pump jack up to full height without load, using full pump strokes and then fully lower to purge any air that may have become trapped in the hydraulic unit during storage/transport.
4. The jack should now be ready for use.

SAFETY PRECAUTIONS:

1. Never exceed the safe working load of 2 tonnes (2000 kgs)
2. Use jack for lifting only; always support load on axle stands.
3. Always position the jack parallel with the vehicle so that it can move freely along the normal line of motion as the vehicle is raised.

4. Avoid lifting vehicles from the sides as this can place unpredictable strains on the lifting mechanism.
5. Avoid use on rough, uneven ground, gravel and soft surfaces. All four wheels should maintain contact with ground.
6. Ensure that there are no obstructions or personnel under or around the vehicle that might impede the movement created by the lifting/lowering action.
7. Ensure that the lifting crutch is properly positioned under the vehicle and that contact is made on a recommended or load-bearing point so that vehicle damage is avoided and the possibility of the vehicle slipping off the crutch is reduced to a minimum.

Service life and safety are increased if the load bears on the centre of the crutch and not at the rim.

8. Ensure that the handle is rotated fully to the raise position before lifting a vehicle.
9. Always open release valve gradually and allow load to descend slowly. This will avoid dangerous, uncontrolled descent of load and enhance release valve life.
10. Always use the release valve drive "neutral" position to avoid inadvertent lowering if the jack has to be left unattended. Although the practice is not recommended, the neutral position should also be engaged if vehicles are being "ambulanced".
11. Follow maintenance schedule regularly and have the jack repaired or inspected should any breakage or defect appear. Continued use of a damaged jack could result in a sudden collapse and possible serious injury to the operator.

OPERATING INSTRUCTIONS:

Connection of Handle:

The handle is held in the handle socket by a spring-loaded plunger which locates in one of two grooves machined in the handle end.

1. Safety Position:

Insert handle into socket and carefully push downwards; plunger automatically engages in first groove to hold handle securely to jack.

NOTE: In this position the release valve cannot be operated.

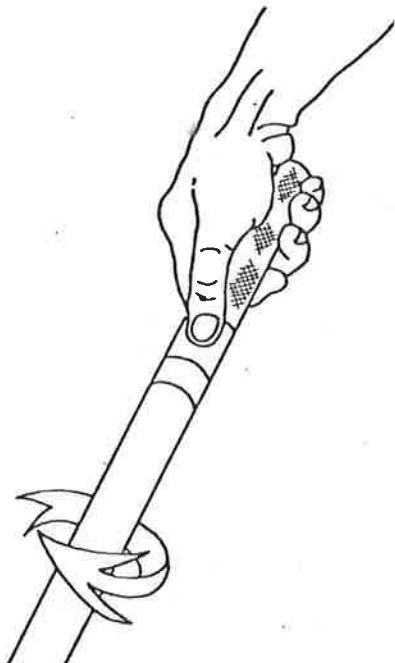
2. Fully Operational Position:

Pull plunger out, rotate handle slowly and push downwards until the drive mechanism is felt to engage.

Release plunger and ensure that it fully enters the second groove. The release valve is now fully operational.

Operating the Jack:

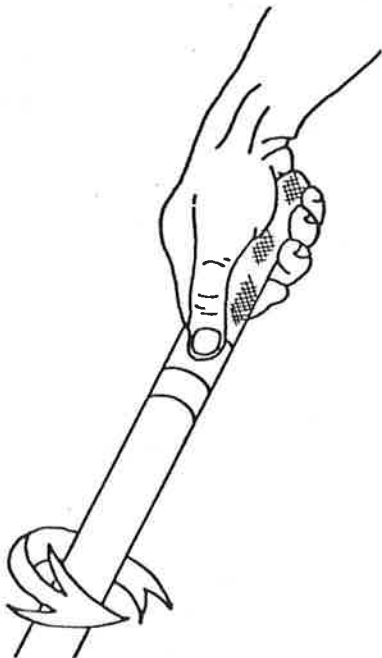
The following diagrams show the mode of operation and can be related to the label on the handle.

TO RAISE LOAD:

Close release valve by rotating handle fully clockwise until it reaches the built-in stop.

Do not force handle beyond this point.

Whilst keeping handle firmly in this position, pump handle in usual way to raise load.

TO LOWER LOAD:

Open release valve by gradually rotating handle anti-clockwise until load begins to descend. The rate of descent can then be controlled as required.

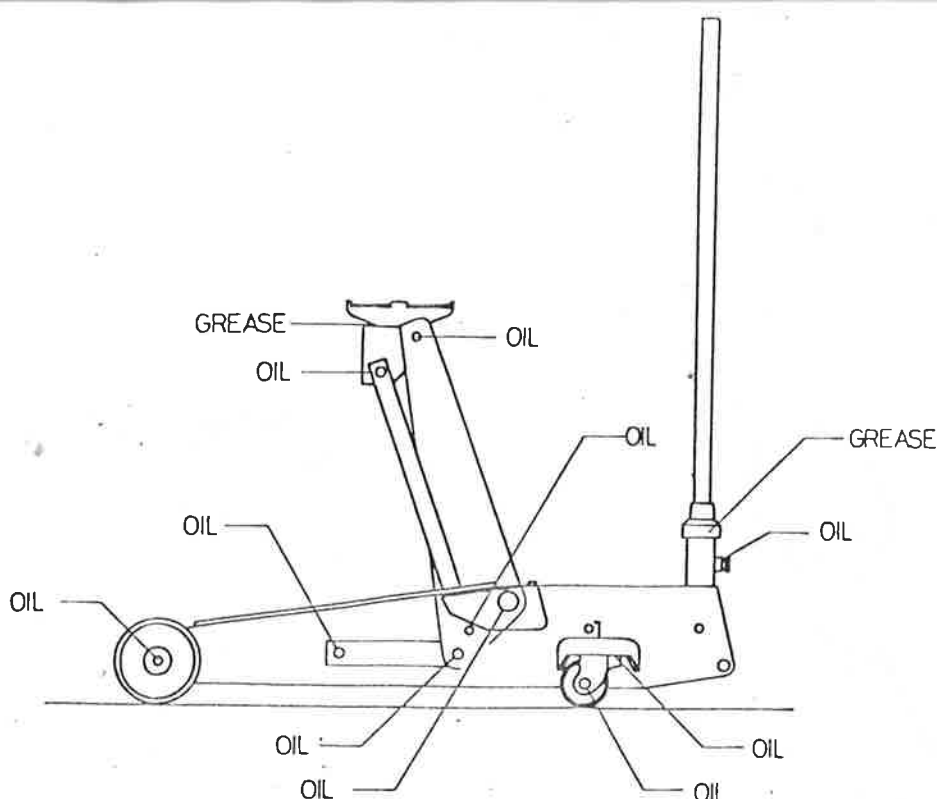
Full rotation to the built-in stop gives maximum opening of release valve.

Do not force handle beyond this point. When not in use, rotate handle back to the RAISE position.

ROUTINE MAINTENANCE:

A. Lubrication.

Using any good commercial mineral oil and grease, lubricate the jack at regular intervals as indicated on the diagram:



Keep the handle spat in place to reduce dirt and water ingress.

B. Hydraulic Fluid.

Check hydraulic fluid level regularly.

1. Remove cover retaining screws and position handle nearly horizontal.
2. Draw cover rearwards over handle and away from frame.
3. Remove oil filler plug.
4. With saddle fully lowered, oil should just cover the hydraulic cylinder when observed through the filler plug hole.

Top up, if required, with Bradbury Hydro Fluid or one of the following recommended grades of oil:-

Esso Nuto H5
 Duckhams Zircon 1
 Castrol Magna R.S.
 B.P. Energol E.M.35
 Shell Carnea 8

CAUTION:

The use of any other fluid may cause extensive damage to the hydraulic unit and its seals and will invalidate our guarantee.

- #### C. Check the following fixings at regular intervals for tightness and security:
1. Hexagon socket cap screws - beam pivot.
 2. Hexagon headed set screws - hydraulic unit retaining screws.
 3. External circlips - lifting head pivot pin = lifting top stalk
 4. Capped fixing washers - front & rear wheels = parallel link anchor pins.

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