

DRAPER®

INSTRUCTIONS FOR Hydraulic Bottle Jacks

Stock Nos. 39054

04983

39055

39056

04979

04980

04984

39057

55124

04981

39225

04982

Part Nos. BJ2

BJ4HL

BJ4

BJ6

BJ8

BJ10

BJ10HL

BJ12

BJ12HL

BJ15

BJ20

BJ32



CE

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY TO ENSURE THE SAFE AND EFFECTIVE USE OF THIS PRODUCT.

DRAPER®

GENERAL INFORMATION

These instructions accompanying the product are the original instructions. This document is part of the product, keep it for the life of the product passing it on to any subsequent holder of the product. Read all these instructions before assembling, operating or maintaining this product.

This manual has been compiled by Draper Tools describing the purpose for which the product has been designed, and contains all the necessary information to ensure its correct and safe use. By following all the general safety instructions contained in this manual, it will ensure both product and operator safety, together with longer life of the product itself.

All photographs and drawings in this manual are supplied by Draper Tools to help illustrate the operation of the product.

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

GUARANTEE

Draper tools have been carefully tested and inspected before shipment and are guaranteed to be free from defective materials and workmanship.

Should the tool develop a fault, please return the complete tool to your nearest distributor or contact Draper Tools Limited, Chandler's Ford, Eastleigh, Hampshire, SO53 1YF, England.

Telephone Sales Desk: (023) 8049 4333 or Product Helpline (023) 8049 4344.

A proof of purchase must be provided with the tool.

If upon inspection it is found that a fault occurring is due to defective materials or workmanship, repairs will be carried out free of charge. The guarantee period covering parts/labour is 12 months from the date of purchase. This guarantee does not apply to normal wear and tear, nor does it cover any damage caused by misuse, careless or unsafe handling, alterations, accidents, or repairs attempted or made by any personnel other than the authorised Draper warranty repair agents.

Note: If the Jack is found not to be within the Terms of Warranty, repair and carriage charges will be quoted and made accordingly.

This guarantee applies in lieu of any other guarantee expressed or implied and variations of its terms are not authorised.

Your Draper guarantee is not effective unless you can produce upon request a dated receipt or invoice to verify your proof of purchase within the guarantee period.

Please note that this guarantee is an additional benefit and does not affect your statutory rights. Draper Tools Limited.

SAFETY INSTRUCTIONS

- CAUTION:

Use only on a firm, level surface.

Do not exceed the rated capacity of this jack.

This is a lifting device only.

Never work under a vehicle without proper support devices such as axle stands.

Make sure that the lifting point is stable and

correctly centred on the jack saddle.

Familiarise yourself thoroughly with this manual before operating to prevent damage to the jack, property or personal injury.

Only lift the vehicle on the manufacturers recommended jacking point to avoid damage.

SPECIFICATIONS

Stock No.	Part No.	Lift Capacity (Tonne)	Minimum Height (mm)	Lifting Height (mm)	Adjusting Height (mm)	Net Weight (kg)
39054	BJ2	2	181	116	48	2.8
39055	BJ4	4	194	118	60	3.6
04983	BJ4HL	4	265	345	/	7.1
39056	BJ6	6	216	127	70	4.8
04979	BJ8	8	230	147	80	5.7
04980	BJ10	10	230	150	80	6.8
04984	BJ10HL	10	210	245	65	10.7
39057	BJ12	12	230	155	80	7.6
55124	BJ12HL	12	230	140	85	12.5
04981	BJ15	15	230	150	80	8.4
39225	BJ20	20	242	150	60	11.4
04982	BJ32	32	285	180	/	22.3

BEFORE USE

- PURGING AIR FROM HYDRAULIC SYSTEM (Fig.1):

During transportation air bubbles become trapped inside the jack pump, reducing its efficiency. Bleed air out of the jack's hydraulic system as follows:

1. Open release valve, then remove oil plug (A).
2. Operate pump handle rapidly for a minimum of 15 full strokes to force air out.
3. Close release valve, replace oil plug.

Jack should now operate normally. If not, repeat purging procedure as needed.

FIG.1



INSTRUCTIONS FOR USE

- TO RAISE:

1. With narrow end of jack handle (B), close release valve (C) tightly by turning it clockwise. (Fig.1).
2. Place jack under vehicle at proper lifting location. (Refer to vehicle Owner's Manual). If fitted, turn the extension screw (D) on jack counterclockwise until it comes into contact with vehicle. (Fig.2).
3. Insert jack handle into handle socket (E), pump the handle to lift vehicle to desired height. (Fig. 3).

- TO LOWER:

CAUTION: Lower vehicle slowly! Turn release valve slowly.

1. Remove handle, use small end to open release valve. (To open release valve, turn it SLOWLY in a counter clockwise direction.)
NOTE: Do not open release valve more than one (1) full turn.
2. When vehicle is fully lowered, remove jack. (If Extension Screw has been extended, turn it clockwise until it retracts enough to move jack away from vehicle).

FIG.2

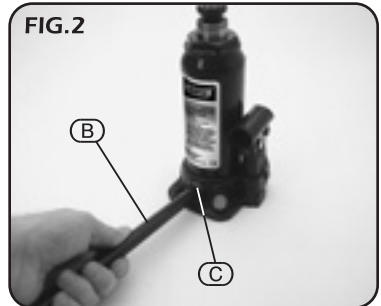


FIG.3



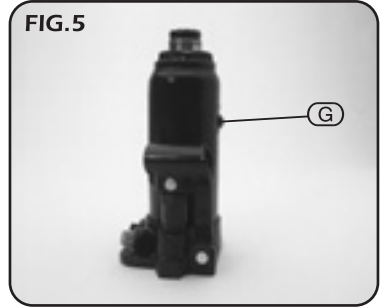
FIG.4



MAINTENANCE

- **ADDING OIL/LUBRICATION** (Fig.4).:
 1. Place the jack in an upright position.
 2. Lower pump and piston to full down position.
 3. Remove rubber oil plug (G) on jack.
 4. Only fill with GOOD GRADE HYDRAULIC OIL (we recommend Shell Tellus 22, **do not use any other type of oil as this damages the pump seals**) to lower rim of oil fill hole. Purge system of air as described previously.
 5. Replace rubber oil plug (G).
 6. Lubricate pivoting joints and screw extension periodically for proper maintenance.
- **RUST PREVENTION:**

FIG.5



Keep piston, pump and extension screw in full down position when not in use. Avoid contact with moisture. If contact with moisture occurs, wipe dry and grease/lubricate all moving parts.

TROUBLESHOOTING

Problem						Trouble shooting Check List
Jack won't lift load or full rated capacity.	Jack lowers under load.	Oil leaking from filler plug.	Pump feels spongy.	Handle raises or flies back under load.	Jack will not lift full height.	
●	●					Release valve may not be tightly closed.
●			●		●	Jack may be low on oil. Remove filler plug and fill reservoir with clean hydraulic jack oil.
		●				Reservoir may be overfilled. Remove filler plug and drain excess oil.
●			●		●	Jack may be air-bound. Bleed pump as per "before use" section of this manual. Close the release valve and operate. Repeat if necessary.
●	●			●		Valves may not be closed or have foreign matter present. To flush valves. Lower the saddle and close the release valve. Manually lift the saddle several inches, open the release valve and then force the saddle to lower as rapidly as possible.

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