

Position the main supports, then carefully lower the load until the main supports take the weight then remove the Jack.

Seek expert advice before jacking up trailers, caravans and 3 wheeled vehicles.

## EQUIPMENT CARE

Never push the equipment beyond its design limits. If it will not do what you want with reasonable ease and speed, assume you have the wrong tool for the job. Contact your local HSS Lift & Shift Depot for advice.

Keep the equipment clean, you will find this less of a chore if you clean it regularly, rather than wait until the end of the hire period.

When not in use, store the equipment somewhere clean, dry and safe from thieves and unauthorised users.

## FINISHING OFF

Fully lower the Jack and give the Jack a final clean ready for return to your local HSS Lift & Shift Depot.



## ...any comments?

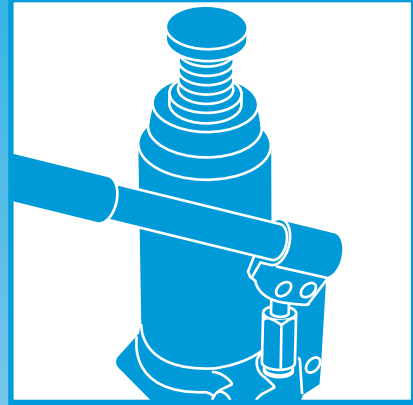
If you have any suggestions to enable us to improve the information within this guide please fax your comments or write to the Product Manager at the address below

**Fax: 0181-687 5001**

# Operating & Safety Guide LS49

LS49/01

## HSS Lift & Shift



# Hydraulic Bottle Jack

A range of hydraulically operated Bottle Jacks with screw extension, suitable for a wide range of jacking operations.



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Code 70330/1/2/3/5

## GENERAL SAFETY

For advice on the safety and suitability of this equipment contact your local HSS Lift & Shift Depot.

There is a serious risk of personal injury if you do not follow all instructions laid down in this guide.

This equipment is designed to be used by an able bodied, competent adult who has read and understood these instructions. Anyone with either a temporary or permanent disability should seek expert advice before using it.

Keep children, animals and bystanders away from the work area. Cordon off a NO GO area using cones and either barriers or tape, available for hire from your local HSS Lift & Shift Depot.



Never use this equipment if you are ill, feeling tired, or under the influence of alcohol or drugs.



Wear practical, protective clothing, gloves, footwear and a hard hat. Avoid loose garments and jewellery that could catch in moving parts, tie back long hair.



Use this equipment for vertical lifts only and use on a level area able to take the combined weight of the load and the equipment.



Ensure the load is balanced, stable and that personnel stand clear of the raised load.

## Safety Warning

This equipment **MUST NOT** be used to lift personnel.

Make sure you know how to operate this equipment safely and are aware of its limitations before you use it.

It is both the hirer's and the operator's responsibility to perform a risk assessment before using this equipment. You are also responsible for the safety of any person in the work area.

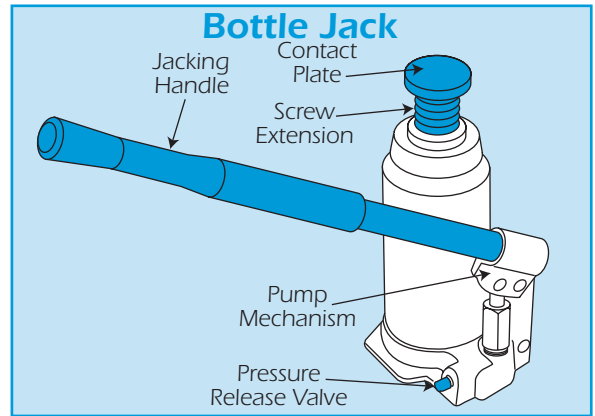
Make sure that anyone in the immediate work area is warned of what you are doing.

Be aware of the raised load when close to ceilings or other overhead obstructions.

Comm Code	SWL
70330	5.0T
70331	6.0T
70332	10T
70333	8.0T
70335	25T

Never exceed the equipment's safe working load, see chart.

Ensure the work area is well lit and ventilated, if in doubt, ask about lighting and ventilation equipment at your local HSS Lift & Shift Depot.



Bottle Jacks are designed to lift, not support. Never leave them loaded for longer than necessary, and never leave them loaded and unattended.

Do not use this equipment as the main support of a load. Never work under a load that is merely jacked up, it can be extremely dangerous.

Use the equipment only on a hard, level surface such as concrete.

Never raise or lower a load with people or goods on board.

Check the condition of the equipment before use. If it shows signs of damage or excessive wear, return it to your local HSS Lift & Shift Depot.

## GETTING STARTED

To raise the Jack, firstly check that the pressure release valve is turned fully clockwise. Next insert the pump handle into the pump mechanism then move the pump handle up and down until the required height is attained.

To lower the Jack, insert the end of the jacking handle over the pressure release valve (see illustration) and turn anticlockwise. The further the valve is turned, the faster the Jack will lower, so start slowly if the Jack is supporting a load.

As the load descends under its own weight, it can be held at any point by turning the pressure release valve clockwise.

## BASIC TECHNIQUES

Place the Jack under a suitable jacking point then adjust the rams screw extension by turning the contact plate anti-clockwise.

Once in contact with the load, double check that the Jack is set upright and that the base is in full contact with the floor surface. Once fully satisfied you may start to raise the Jack.