



# LOAD SLING ADJUSTER WITH BALL BEARINGS 680KG CAPACITY

MODEL NO: **LS501**

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

**IMPORTANT:** PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.



Refer to instructions



Wear protective gloves



Wear protective footwear



Warning

## 1. SAFETY

- ✓ Ensure the load sling adjuster is in sound condition and good working order. Take action for immediate repair or replacement of damaged parts.
- ✓ *Use recommended parts only. The use of improper parts may be dangerous and invalidate the warranty.*
- ✓ Ensure that the adjuster is capable of supporting the load that is to be raised. Maximum capacity 680kg.
- ✓ Keep the adjuster clean for best and safest performance.
- ✓ Only use the adjuster in a suitable, well lit work area.
- ✓ Keep the work area clean and free from unrelated materials.
- ✓ Ensure that all non-essential persons keep at a safe distance, whilst the adjuster is in use.
- ✓ Ensure load sling(s) are fully engaged in their karabiners and that the screw locks are securely closed.
- ✓ Raise and lower the load in a smooth, controlled manner.
- ▲ **DANGER!** Use the adjuster for lifting only, **NOT** for supporting the lifting load.
- ✓ Use a qualified person to lubricate and maintain the adjuster.
- ✗ **DO NOT** use the adjuster if damaged.
- ✗ **DO NOT** allow untrained persons to operate the adjuster.
- ✗ **DO NOT** exceed the rated capacity (safe working load) of the adjuster.
- ✗ **DO NOT** raise or lower the load with abrupt or jerky movements.
- ✗ **DO NOT** attempt to lift a load if the load chains are kinked or knotted.
- ✗ **DO NOT** shock the load adjuster by allowing the attached load to fall freely, even for very short distances.
- ✗ **DO NOT** use the adjuster to drag the load across the floor. Always position the load directly below the adjuster.
- ✗ **DO NOT** allow anyone to stand, or pass, beneath the raised load.
- ✗ **DO NOT** use the adjuster for purposes other than that for which it was intended.
- ✓ Store adjuster in a dry, childproof area when not in use.

## 2. INTRODUCTION

Handles and levels heavy, off centre loads quickly and easily. Ball bearing handle allows for a smooth and easy adjustment. Three adjustment holes accommodate different sized engines. Ideal for car, van truck and marine engines. If used with cranes of capacity 680kg or more, the load must be restricted to a 680kg maximum. Supplied with 4 x 275mm chains and 4 x 'L' shaped brackets with additional karabiner style screw links.

## 3. SAFE WORKING LOAD

**LS 501**

**Safe Working Load = 680kg**

## 4. SPECIFICATION

Model No: ..... **LS501**

Sling Span: ..... **340mm**

## 5. OPERATION

Refer to fig.1

**IMPORTANT:** Before using the load sling adjuster ensure that you have read and understood the safety instructions in Section 1.

- 4.1 Ensure that the load sling adjuster is suspended from a lifting system in which all components are capable of supporting the load to be lifted plus the load sling adjuster.
- 4.2 Confirm that the load does not exceed the safe working load of the adjuster.
- 4.3 Position the carriage (A) at the centre of the beam (B) and suspend the adjuster, via the carriage, from the hook or shackle of the lifting device.
- 4.4 Ensure that the slings/chains/ropes around the load are adequate and in good condition and that the load is directly below the adjuster.
- 4.5 Attach slings/chains/ropes to adjuster load brackets (C).
- 4.6 Start to raise load and check whether the adjuster beam remains level. If it does not, **lower the load** and adjust the carriage towards the end of the beam which was low. Repeat this check and adjustment until the beam lifts horizontally.

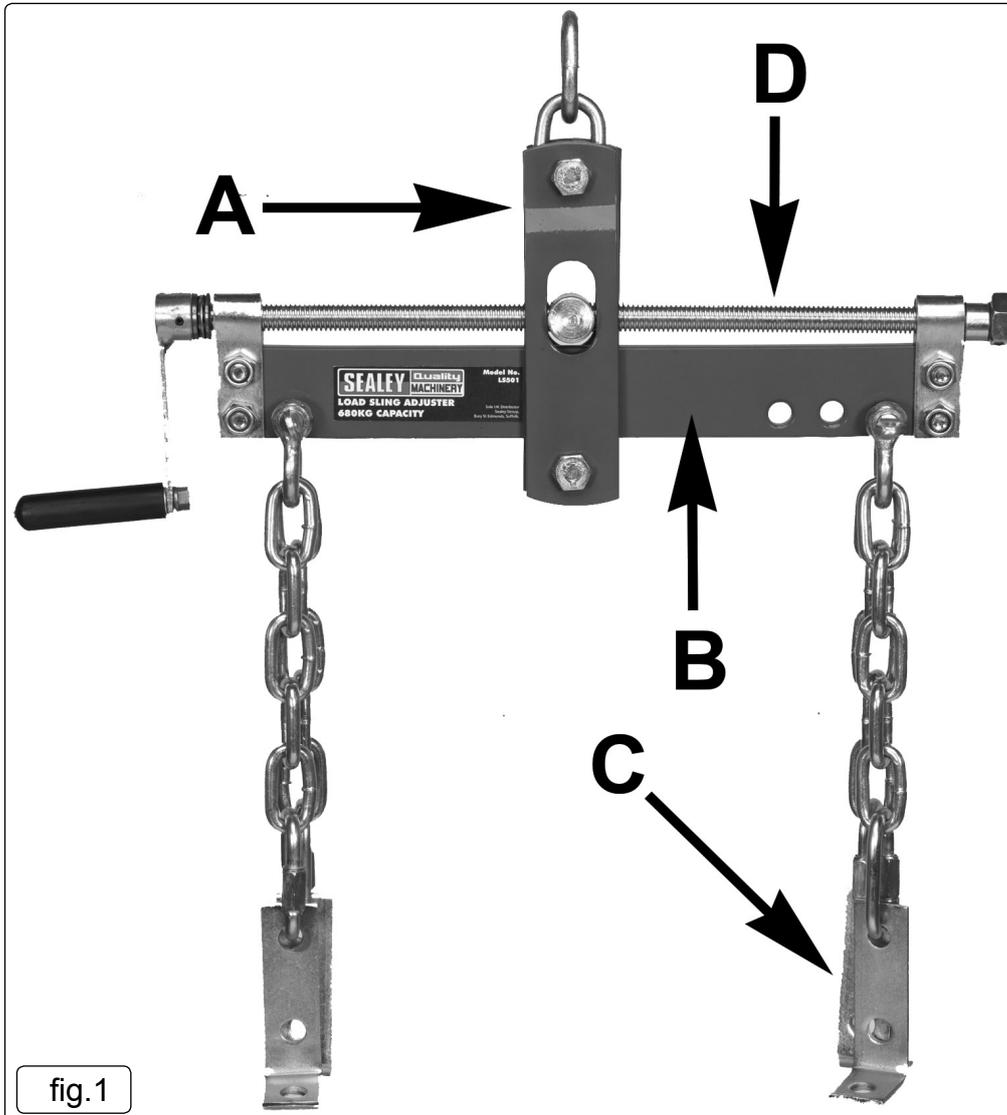
**NOTE:** **DO NOT** attempt to reposition the carriage when the adjuster is under load.

## 6. MAINTENANCE

Refer to fig.1

**NOTE:** Only fully qualified personnel should attempt maintenance or repair.

- 6.1. Keep the load sling adjuster clean and regularly lubricate the threaded rod (D).
- 6.2. Carry out a visual inspection every time the adjuster is used.
  - **WARNING! The load chains and brackets are made from special alloy steels and precisely heat treated. DO NOT weld or re-heat treat.**
- 6.3. Depending on the frequency of use and local conditions the adjuster will eventually show signs of wear at which point it should be replaced. Overloading or incorrect hooking may distort the brackets, if this occurs replace immediately.



### ENVIRONMENT PROTECTION

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.

**Note:** It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

**Important:** No Liability is accepted for incorrect use of this product.

**Warranty:** Guarantee is 12 months from purchase date, proof of which is required for any claim.

Sealey Group, Kempson Way, Suffolk Business Park, Bury St Edmunds, Suffolk. IP32 7AR



01284 757500



01284 703534



sales@sealey.co.uk



www.sealey.co.uk