

680KG ENGINE LOAD LEVELLER





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1. SAFETY GUIDELINES

Important: Read and understand all safety instructions before use. Keep instructions safe for future reference. Ensure that this equipment is in sound, clean condition and good working order before use. **This equipment is designed for lifting only - not for supporting the lifting load.**

- Always inspect equipment for damage before use.
- Ensure any damaged parts are replaced before use - use only Tundra Industrial recommended parts - contact your dealer for advice. Do not use this equipment if damage or weakness is detected during inspection.
- Do not modify this equipment for any use other than that which it has been designed and tested for.
- Never exceed the rated capacity (safe working load = **680kg**).
- Keep the equipment clean and well maintained for optimal, safe performance.
- Ensure that the working environment is well lit and kept clean and free from clutter, keep children and animals away.
- This equipment should only be used by fully-trained and competent individuals (never under the influence of drugs or alcohol).
- 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.
- Use a qualified person to lubricate and maintain this equipment
- Never shock the load leveller by allowing the attached load to fall freely, even for very short distances.
- Never use the leveller to drag a load across the floor. Always position the load directly below the leveller.
- Store leveller in a dry, childproof area when not in use

WARNING: NEVER ALLOW ANYONE TO STAND, OR PASS, BENEATH THE RAISED LOAD.

2. DESCRIPTION

- 680kg lifting capacity provides enough power to level a variety of car, van, truck and marine engines
- Supplied with 4x 275mm chains and 4x "L" shaped brackets
- All-steel construction ensures strength and durability
- Worm drive-shaft rotates with a built-in swivel ball-bearing handle for easy load balancing & fine adjustments
- Includes 3x adjustable chain holes to accommodate different engine sizes
- Sling span 340mm



WARNING:

No responsibility is accepted for incorrect use of this equipment. Incorrect use can result in damage to the equipment and danger to the user. Warranty will be void in the event of incorrect use. The warnings, cautions and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

3. OPERATION

IMPORTANT: Before using the load sling adjuster ensure that you have read and understood the safety instructions before use

Ensure that the Engine Load Leveller is suspended from a lifting system in which all components are capable of supporting the load to be lifted (including the weight of the Engine Load Leveller itself: 5.5kg).

Confirm that the engine load does not exceed the safe working load of the adjuster.

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.

Ensure that the slings / chains/ropes around the load are adequate and in good condition and that the load is directly below the adjuster.

Attach slings/chains/ropes to adjuster load brackets (C).

Start to raise load and check whether the leveller beam remains level. If it does not, lower the load and adjust the carriage towards the end of the beam that was low. Repeat this check and adjustment until the beam lifts horizontally.

WARNING: NEVER ATTEMPT TO REPOSITION THE CARRIAGE WHEN THE ADJUSTER IS UNDER LOAD.

4. MAINTENANCE

NOTE: Only fully qualified personnel should attempt maintenance or repair of this equipment.

Keep the equipment clean and regularly lubricate the threaded rod (D).

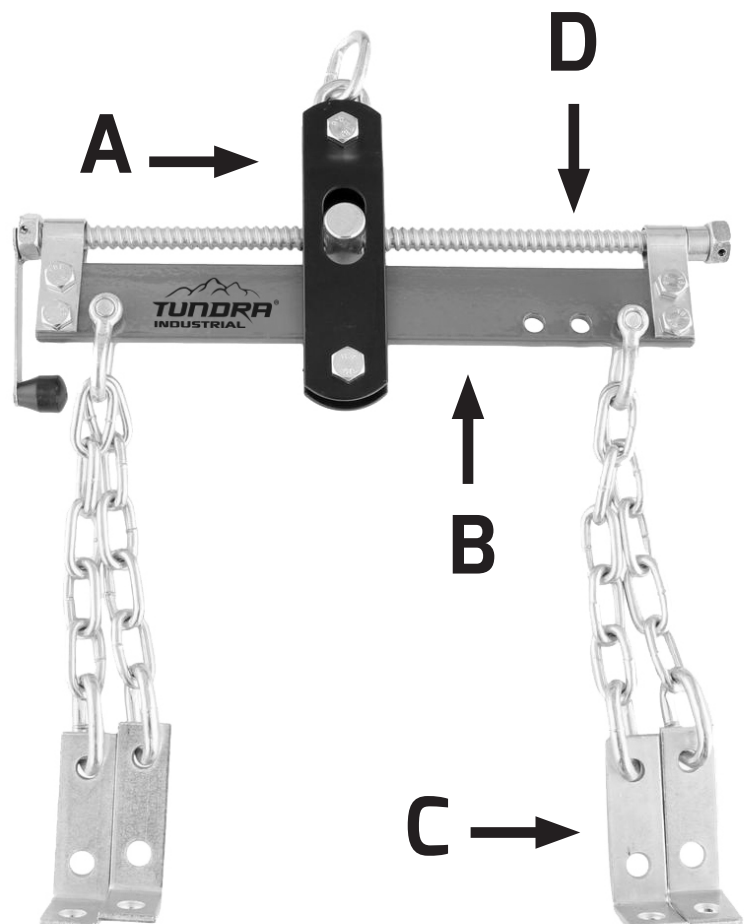
Carry out a visual inspection every time the adjuster is used.

WARNING! The load chains and brackets are made from special alloy steels and precisely heat treated.

DO NOT weld or re-heat treat the chains.

Depending on the frequency of use and local conditions the equipment 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.





USER MANUAL

TUNENGCRALEV

LIMITED WARRANTY STATEMENT

Tundra Industrial warrants its customers that its products will be free of defects in workmanship or material.

Tundra Industrial shall, upon suitable notification, correct any defects, by repair or replacement, of any parts or components of this product that are determined by Tundra Industrial to be faulty or defective.

This warranty is void if the equipment has been subjected to improper installation, storage, alteration, abnormal operations, improper care, unauthorised service or repair.

Warranty Period

Tundra Industrial will assume both the parts and labour expense of correcting defects during the stated warranty periods below. All warranty periods start from the date of purchase from an authorised Tundra Industrial dealer. If proof of purchase is not available from the end user, then the date of purchase will be deemed to be 3 months after the initial sale to the distributor.

1 Year

- Tundra Industrial 680KG ENGINE LOAD LEVELLER [TUNENGCRALEV]

90 Days

- All replacement parts purchased outside of the warranty period

Important: All parts used in the repair or replacement of warranty covered equipment will be subject to a minimum of 90 days cover or the remaining duration of the warranty period from the original date of purchase.

Warranty Registration / Activation

You can register and activate your warranty by visiting the Jefferson Tools website using the following address: www.jeffersonstools.com/warranty and completing the online form. Online warranty registration is recommended as it eliminates the need to provide proof of purchase should a warranty claim be necessary.

Warranty Repair

Should Tundra Industrial confirm the existence of any defect covered by this warranty the defect will be corrected by repair or replacement at an authorized Tundra Industrial dealer or repair centre.

Packaging & Freight Costs

The customer is responsible for the packaging of the equipment and making it ready for collection. Tundra Industrial will arrange collection and transportation of any equipment returned under warranty. Upon inspection of the equipment, if no defect can be found or the equipment is not covered under the terms of the Tundra Industrial warranty, the customer will be liable for any labour and return transportation costs incurred. These costs will be agreed with the customer before the equipment is returned.

Warranty Limitations

Tundra Industrial will not accept responsibility or liability for repairs made by unauthorised technicians or engineers. Tundra Industrial's liability under this warranty will not exceed the cost of correcting the defect of the Tundra Industrial products. Tundra Industrial will not be liable for incidental or consequential damages (such as loss of business or hire of substitute equipment etc..) caused by the defect or the time involved to correct the defect. This written warranty is the only express warranty provided by Tundra Industrial with respect to its products.

Any warranties of merchantability are limited to the duration of this limited warranty for the equipment involved. Tundra Industrial is not responsible for cable wear due to flexing and abrasion. The end user is responsible for routine inspection of cables for possible wear and to correct any issues prior to cable failure.

Claiming Warranty Coverage

The end user must contact Tundra Industrial (Tel: **+44 (0) 1244 646 048**) or their nearest authorised Tundra Industrial dealer where final determination of the warranty coverage can be ascertained.

Step 1 - Reporting the Defect

Online Method:

- Visit the website www.jeffersonstools.com/warranty and complete the Warranty Returns form. You can complete the form online and submit it to us directly or download the form to print out and return by post.

Telephone Method:

Contact your Tundra Industrial dealer or sales representative with the following information:

- Model number
- Serial number (usually located on the specification plate)
- Date of purchase

A Warranty Returns form will be sent to you for completion and return by post or fax, together with details of your nearest authorised Tundra Industrial repair centre. On receipt of this form Tundra Industrial will arrange to collect the equipment from you at the earliest convenience.

Step 2 - Returning the Equipment

It is the customer's responsibility to ensure that the equipment is appropriately and securely packaged for collection. Please ensure that you include a copy of your proof of purchase. Please note that Tundra Industrial cannot assume any responsibility for any damage incurred to equipment during transit. Any claims against a third party courier will be dealt with under the terms & conditions of their road haulage association directives.

Step 3 - Assessment and Repair

On receipt, the equipment will be assessed by an authorised Tundra Industrial engineer and it will be determined if the equipment is defective and in need of repair and any repairs needed are covered by the warranty policy. In order to qualify for warranty cover all equipment presented must have been used, serviced and maintained as instructed in the user manual.

Where repair is not covered by the warranty a quotation for repair, labour costs and return delivery will be sent to the customer (normally within 7 working days). **Note:** If the repair quotation is not accepted Tundra Industrial will invoice 1 hour labour time at £30 per hour plus return carriage costs (plus VAT).

In cases where no fault can be found with the equipment, or, if incorrect operation of the equipment is identified as the cause of the problem, a minimum of 1 hour labour at £30 per hour plus carriage costs will be required before the equipment will be despatched back to the customer.

Any equipment repaired or replaced under warranty will normally be ready for shipment back to the customer within 7 working days upon receipt of the equipment at an authorised Tundra Industrial Repair centre (subject to part availability). Where parts are not immediately available Tundra Industrial will contact you with a revised date for completion of the repair.

General Warranty Enquiries

For any further information relating to Tundra Industrial warranty cover please call **+44 (0) 1244 646 048**.

