

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.

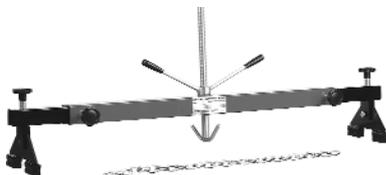
**⚠ IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS AND CAUTIONS. USE THIS PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY, AND WILL INVALIDATE THE WARRANTY. PLEASE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

## 1. SAFETY INSTRUCTIONS

- ✓ Ensure that the engine support is in good working order. Take action for immediate repair or replacement of damaged parts. *Use genuine parts only. The use of unauthorised parts may be dangerous and will invalidate the warranty.*
- ✓ Locate the vehicle in a suitable, well lit work area.
- ✓ Keep work area clean and tidy and free from unrelated materials.
- ✓ Ensure the vehicle handbrake is engaged and the engine/motor is switched off.
- ✓ Ensure all non-essential persons keep a safe distance whilst the engine support is in use.
- x **DO NOT** use the engine support if damaged.
- x **DO NOT** allow untrained persons to operate the engine support.
- x **DO NOT** use the engine support for purposes other than that for which it is designed.
- x **DO NOT** exceed the rated capacity of the engine support.

## 2. INTRODUCTION & SPECIFICATION

2.1. The ES500 engine support is designed to support and accurately position engines during maintenance operations such as replacing anti-vibration mountings and certain body panels. Also used as an aid for the removal of gearboxes and transmissions. Beam is supported on 4 rubber feet and fine-lift control obtained by using a screw mechanism. Supplied with a short length of chain.



- |                                 |         |                         |         |
|---------------------------------|---------|-------------------------|---------|
| 2.2. Maximum Capacity . . . . . | .500kg  | Minimum Width . . . . . | .1020mm |
| Maximum Width . . . . .         | .1600mm | Screw Travel . . . . .  | .350mm  |

## 3. ASSEMBLY INSTRUCTIONS

Note: Numbers in brackets refer to item numbers shown in the parts diagram.

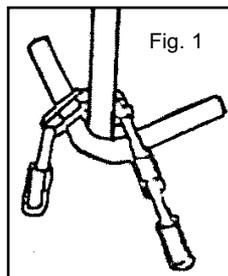
- 3.1. Insert the telescopic beam (5) into the beam (14) and secure using the grip (12).
- 3.2. Remove the grip (2) and washer (4) from the standing block (6), pass the threaded section of the standing block through the hole in the telescopic beam (5) and secure using the washer and grip.
- 3.3. Remove the screw (7) from the standing block (6), insert the standing platform assembly (8) and secure using the screw.
- 3.4. Repeat paragraphs 3.1 to 3.3 at the other end of the beam (14).
- 3.5. Slot the threaded section of the adjustable screw (11) up through the centre hole in the beam (14), fit the and secure using the operating clamp assembly (15).
- 3.6. The engine support is now ready for use.

**Note: Ensure all grips and nuts are tightened before applying a load.**

## 4. OPERATING INSTRUCTIONS

Note: Numbers in brackets refer to item numbers shown in the parts diagram.

- 4.1. Ensure the adjustable screw (11) is wound to its highest position to prevent damage whilst locating the engine support over an engine bay.
- 4.1. Ensure the grips (2 & 12) are loose and locate the rubber blocks (9) in the gutters of the vehicle's front wing panels or close to the suspension strut towers.
- 4.2. Attach the ends of the chain to the lifting brackets on the engine. Note: Refer to manufacturer's handbook to identify lifting brackets.
- 4.3. Lower the adjustable screw and hook the chain around the hook as shown in fig.1



4.4. Tighten all four grips (2 & 12) and all nuts.

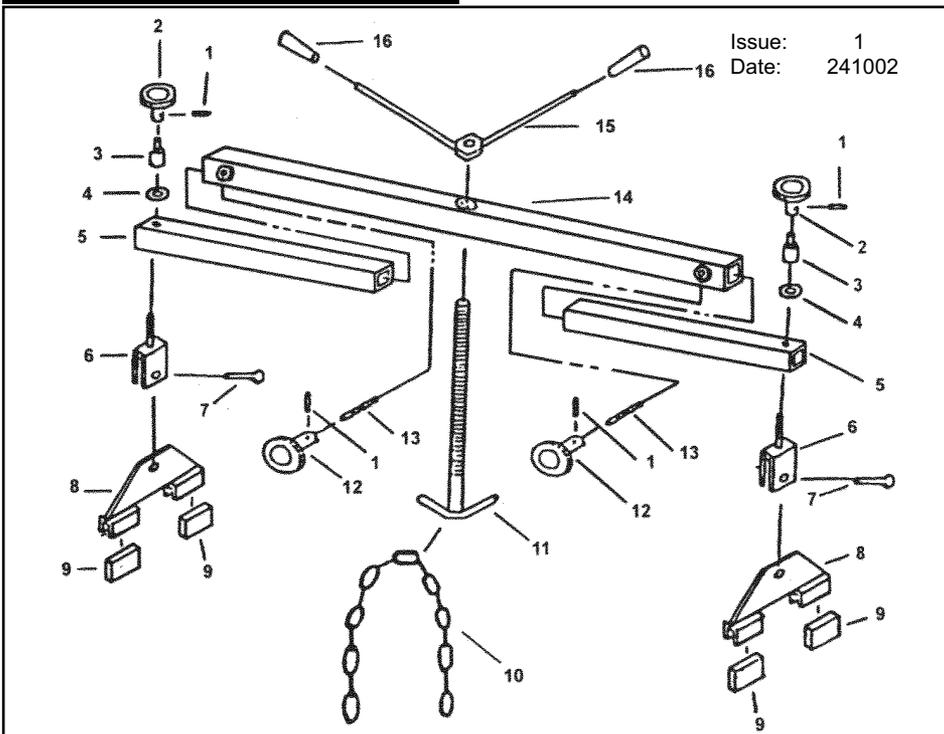
4.5. Rotate the operating clamp assembly to tighten the chain and support the engine.

4.6. On completion of the maintenance task, rotate the operating clamp assembly to release the tension on the chain.

4.7. Unhook the chain, loosen both grips (5) and remove the engine support from the vehicle.

4.8. Remove the chain from the engine lifting points.

## 5. PARTS



Item	Part No	Description	Item	Part No	Description
1	ES500-01	Spring pin	9	ES500-09	Rubber block
2	ES500-02	Grip	10	ES500-10	Chain
3	ES500-03	Pin	11	ES500-11	Adjustable screw
4	ES500-04	Washer	12	ES500-12	Grip
5	ES500-05	Telescopic beam	13	ES500-13	Screw
6	ES500-06	Standing block	14	ES500-14	Beam
7	ES500-07	Screw	15	ES500-15	Operating clamp assembly
8	ES500-08	Standing platform assembly	16	ES500-16	Grip handle bar

**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 equipment.

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

**INFORMATION:** For a copy of our latest catalogue and promotions, call us on 01284 757525 and leave your full name and address including your postcode.



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