



500KG ENGINE SUPPORT BEAM WITH CROSS BEAM

MODEL NO: **ES601.V2**

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 safety footwear



Wear protective clothing

1. SAFETY

- ✓ 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.
- ✗ **DO NOT** use the engine support if damaged.
- ✗ **DO NOT** allow untrained persons to operate the engine support.
- ✗ **DO NOT** use the engine support for purposes other than that for which it is designed.
- ✗ **DO NOT** exceed the rated capacity of the engine support.
- ✓ When not in use, store engine support in a safe, dry, childproof area.
- ☐ **WARNING!** The warnings, cautions and instructions referred to in this manual cannot cover all possible conditions and situations that may occur. It must be understood that common sense and caution are factors which cannot be built into this product, but must be applied by the operator.

2. INTRODUCTION

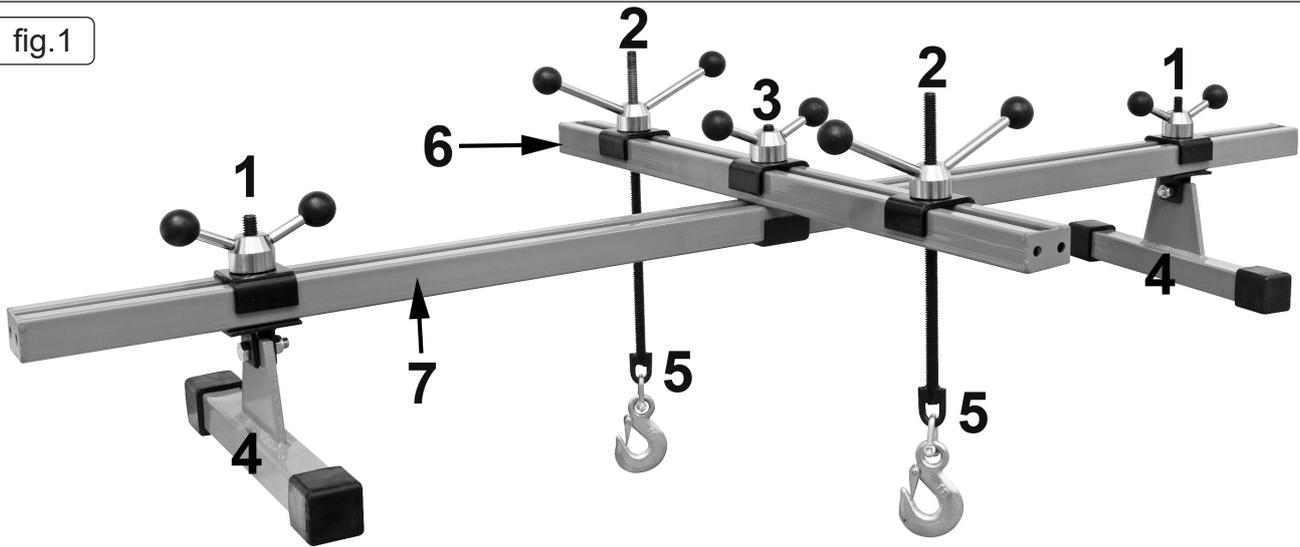
Designed to support and assist to accurately position engines during maintenance operations such as replacing anti-vibration mountings and certain body panels. Also used as an aid for the removal of gearboxes and transmissions. Beams supported on rubber feet and fine adjustment control is obtained by using screw/hook mechanisms. This model has the additional advantage of a 360° adjustable rotating cross beam to enable a greater range of support options when in use.

3. SPECIFICATION

MODEL NO:.....**ES601.V2**
Capacity:..... 500kg
Cross Beam Maximum Width:..... 860mm
Cross Beam Minimum Width:..... 60mm
Main Beam Maximum Width: 1680mm
Main Beam Minimum Width: 60mm
Screw Hook Lengths:..... 450/350mm

4. CONTENTS

fig.1



4.1. Referring to fig.1

Item	Description
1.....	Grip Knobs
2.....	Lifting Handles
3.....	Centre Clamps
4.....	Feet
5.....	Adjustable Screw
6.....	Cross Beam
7.....	Main Beam

5. ASSEMBLY

5.1. See parts diagram.

6. OPERATION

- 6.1. The fully assembled support beam is heavy and should be lifted into place by two people.
- 6.2. Loosen the grip knobs (fig1.1) to allow the assemblies to slide and then locate the rubber feet into the gutters of the vehicle's front wing panels or close to the suspension strut towers. The feet can be adjusted to allow the main beam to be installed in a level plane (fig1.5). When located, tighten thoroughly.
- Note:** Refer to the manufacturer's handbook to identify engine lifting brackets. If required, loosen the centre clamp (fig1.3) to swivel the cross beam (fig1.7) to the desired alignment, then re-tighten.
- 6.3. Drop the adjustable screw assemblies (fig1.6) through the slot in the cross beam in positions adjacent to the engine lifting points. If not utilising the swivel facility, the lift screw will pass through both the cross beam (fig1.7) and main beam (fig1.8).
- 6.4. Attach the hooks to the lifting brackets on the engine and thread grip knobs (fig 1.2) onto adjustable hook assemblies.
- 6.5. Progressively rotate the lifting handles (fig1.2) clockwise to support the engine.
- 6.6. On completion of the maintenance task, rotate the lifting handles anticlockwise to release the tension on the lifting hook assemblies
- 6.7. Unhook, loosen both grips and remove the engine support from the vehicle.



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. Please note that other versions of this product are available. If you require documentation for alternative versions, please email or call our technical team on technical@sealey.co.uk or 01284 757505.

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.

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