

Owners Manual

Product Code: 1021T

**MADE FOR THE
TRADE**



ENGINE SUPPORT BAR



Specifications

- Safe Working Capacity: 500kg
- Minimum Extension: 1020mm
- Maximum Extension: 1630mm
- Nett Weight: 23kg
- Carton: 1730 x 180 x 80mm
- Gross Weight: 24kg

About the TradeQuip brand

The 'TradeQuip' brand of workshop equipment, is designed for use in a demanding workshop environment by professional users. With proven and trusted "Made for the Trade" reliability, 'TradeQuip' branded products offer the very best in performance for an affordable price. All backed by a 1 year trade guarantee across 1,000+ distributors Australia wide.



WARNING

IMPORTANT: READ ALL INSTRUCTIONS BEFORE USE



WARNING

The instructions and warnings contained in this manual should be read and understood before using or operating this equipment. Do not allow anyone to use or operate this equipment until they have read this manual and have developed a thorough understanding of how this equipment works. Failure to observe any of the instructions contained in the manual could result in severe personal injury to the user or bystanders, or cause damage to the equipment and property. Keep this manual in a convenient and safe place for future reference.

Whilst every effort has been made to ensure accuracy of information contained in this manual, the TQB Brands Pty Ltd policy of continuous improvement determines the right to make modifications without prior warning.

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STANDARD OPERATING PROCEDURE

DO NOT use this machine unless you have been trained and assessed to a competent level in its safe use and operation, and have been given permission to use this



Safety glasses must be worn when operating this equipment



Long loose hair must be contained when operating this equipment



Safety footwear must be worn when operating this equipment



Close fitting/protective clothing must be worn when operating this equipment



Rings and jewellery must not be worn when operating this equipment

PRE-OPERATIONAL SAFETY CHECKS

Save these instructions. For your safety, read, understand, and follow the information provided.

- Before using the engine support bar ensure it is in sound condition, and good working order.
- Replace or repair damaged parts. Use recommended parts only. Non-authorised parts may be dangerous and will invalidate the warranty.
- Keep the engine support bar clean for best and safest performance.
- Locate the engine support bar in an adequate working area for its function, keep area clean and tidy and free from unrelated materials, and ensure there is adequate lighting.
- Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
- Ensure all non-essential persons keep a safe distance whilst the engine support bar is in use.
- Lock all knobs securely in position before fixing a load, and ensure the load is centred across the engine support bar.
- Always ensure the engine support bar and the load is stable.
- DO NOT operate unit if damaged.
- DO NOT allow untrained persons to operate the engine support bar.
- DO NOT exceed the rated capacity of 500kg.
- DANGER: DO NOT work under an engine mounted on the engine support bar.

Intended Use

Safely supports an engine in place during repairs such as replacing engine mounts or removing the transmission or transaxle without removing the engine.

ASSEMBLY, OPERATION, PREVENTITIVE MAINTENANCE**1. FEATURES**

The 1021T 500kg Engine Support Bar accepts a wide variety of engines and transmissions. This engine support bar comes with everything needed to perform work on your engine or transmission, including a steel beam, standing block and brackets, adjusting screw, rubber-moulded cushion, steel chain with handles, hooks and hardware. The rubber padded support legs prevent slips as well as damage to paint. The engine support is designed only to support the engine so that parts or mechanisms underneath the engine, which normally have limited access, can be reached.

2. BEFORE USE

Prior to each use conduct a visual inspection by checking for abnormal conditions, such as cracked joints and damaged, loose, or missing parts.

3. OPERATING INSTRUCTIONS

1. Consult the owner's manual of the engine to be lifted to identify the correct lifting points.
2. Never attempt to move a running or hot engine. Allow sufficient time for the engine to cool completely before starting any work.
3. Park the vehicle on a flat surface, engage the parking brake, and secure the wheels with chocks.
4. Turn Handles (5) counterclockwise to loosen the Standing Bracket (4). Position the rubber cushions of the Standing Bracket over the edges near the vehicle's fenders. Turn Handles (5) clockwise to secure the Standing Bracket in place. Center the engine support bar assembly over the engine.
5. Attach the Drop Hangers (12) to the engine at the designated lifting points, then securely loop them to the flange on the bottom of the Long Support Screw (8).
6. Turn Handles (5) clockwise until the Drop Hangers (12) are taut and the engine is held firmly.
7. Loosen the engine mounts. Turn Handles (5) with 1/4-inch clockwise turns until the Drop Hangers (12) fully support the engine's weight. Further loosen or disconnect the engine mounts as needed.
8. Always use approved support stands under the engine before working on it. Never work on the engine when it is supported only by the Engine Support, as moving or suspending it solely by this tool can cause failure or shifting, leading to serious injury or property damage.
9. After completing work, lower and reconnect the engine to prevent accidents. The Engine Support is not designed for long-term suspension. Clean the tool and store it indoors, out of reach of children.

4. STORAGE

This Engine Support Bar should always be stored in a dry location on a level surface.

5. MAINTENANCE

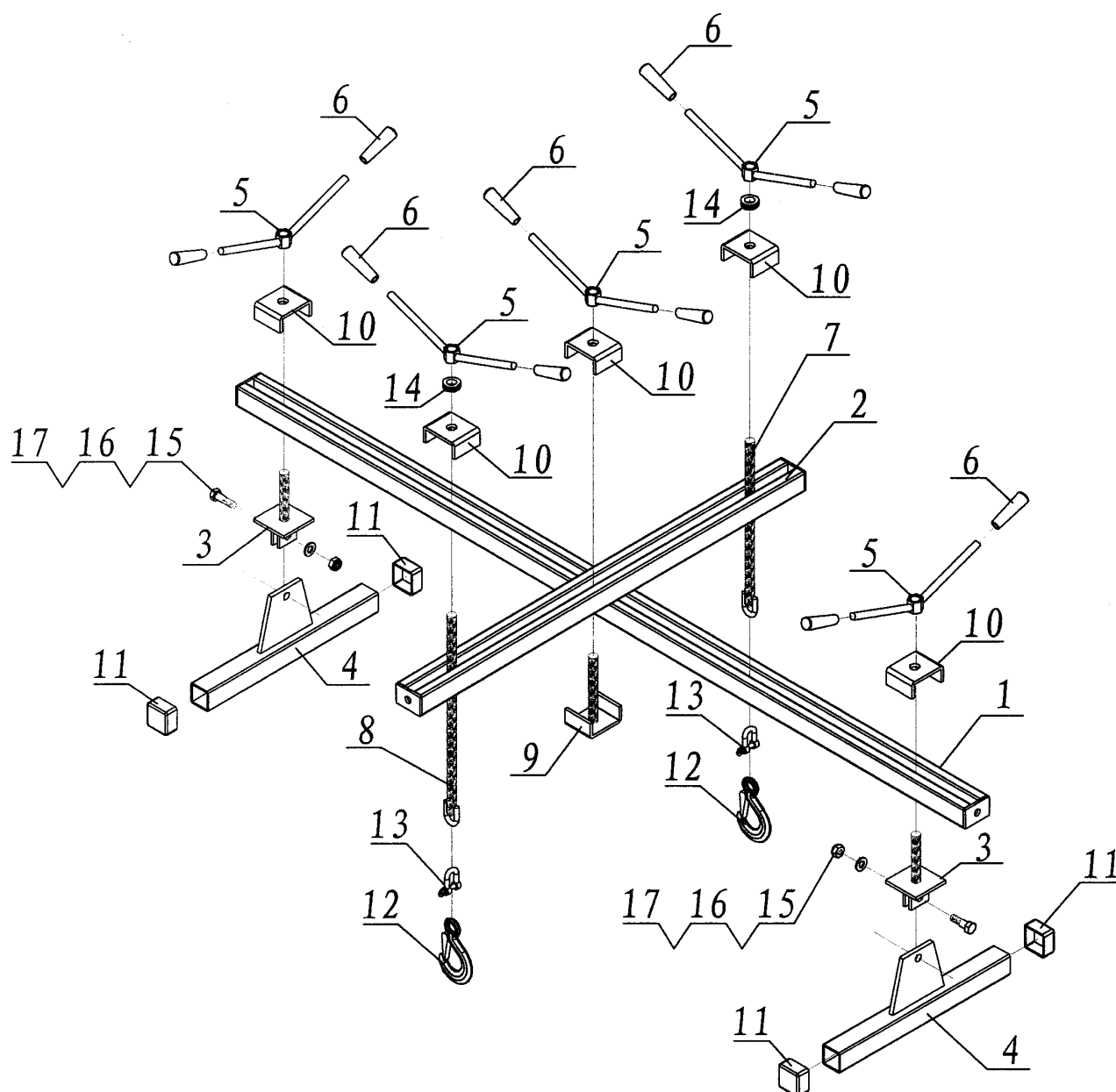
Replace or repair damaged parts. Use recommended parts only. Non-authorised parts may be dangerous and will invalidate the warranty.

Keep the Engine Support Bar clean for best and safest performance.

6. SERVICE & REPAIR

Any Engine Support Bar found damaged in any way, or found to be worn or operates abnormally should be removed from service until repaired by an authorised service agent. Owners and / or operators should be aware that repair of this product may require specialised equipment and knowledge. Only authorised parts, labels and decals shall be used on this equipment. Annual inspection of the engine stand is recommended and can be made by an authorised repair facility to ensure that your equipment is in optimum condition and that the equipment has the correct decals and safety labels specified by the manufacturer.

PARTS DIAGRAM



PARTS LIST

Part	Description	Qty
1	Crossbeam	1
2	Carling	1
3	Standing Block	2
4	Standing Bracket	2
5	Grip Handle	5
6	Handle Sleeve	10
7	Short Support Screw	1
8	Long Support Screw	1
9	Permanent Seat	1

Part	Description	Qty
10	"U" Plate	5
11	Rubber Grip	4
12	Drop Hanger	2
13	Shackle	2
14	Ball Thrust Bearing	2
15	Hex Bolt M12*40	2
16	Flat Washer Ø12	2
17	Hex Lock Nut M12	2
10	"U" Plate	5

WARRANTY

Tradequip products have been carefully tested and inspected before shipment and are guaranteed to be free from defective materials and workmanship for a period of 12 months from the date of purchase except where tools are hired out when the guarantee period is ninety days from the date of purchase.

Should the machine develop any fault, please return the complete tool to your nearest authorised warranty repair agent or contact TQB Brands Pty Ltd Warranty team – warranty@tqbbrands.com.au.

If upon inspection it is found that the fault occurring is due to defective materials or workmanship, repairs will be carried out free of charge. This guarantee does not apply to normal wear and tear, nor does it cover any damage caused by misuse, careless or unsafe handling, alterations, accident, or repairs attempted or made by any personnel other than the authorised TQB Brands Pty Ltd repair agent.

This guarantee applies in lieu of any other guarantee expressed or implied and variations of its terms are not authorised.

Your TQB Brands Pty Ltd guarantee is not effective unless you can produce upon request a dated receipt or invoice to verify your proof of purchase within the 12month period.

Consumer Guarantee

Our goods come with a guarantee that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.



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