

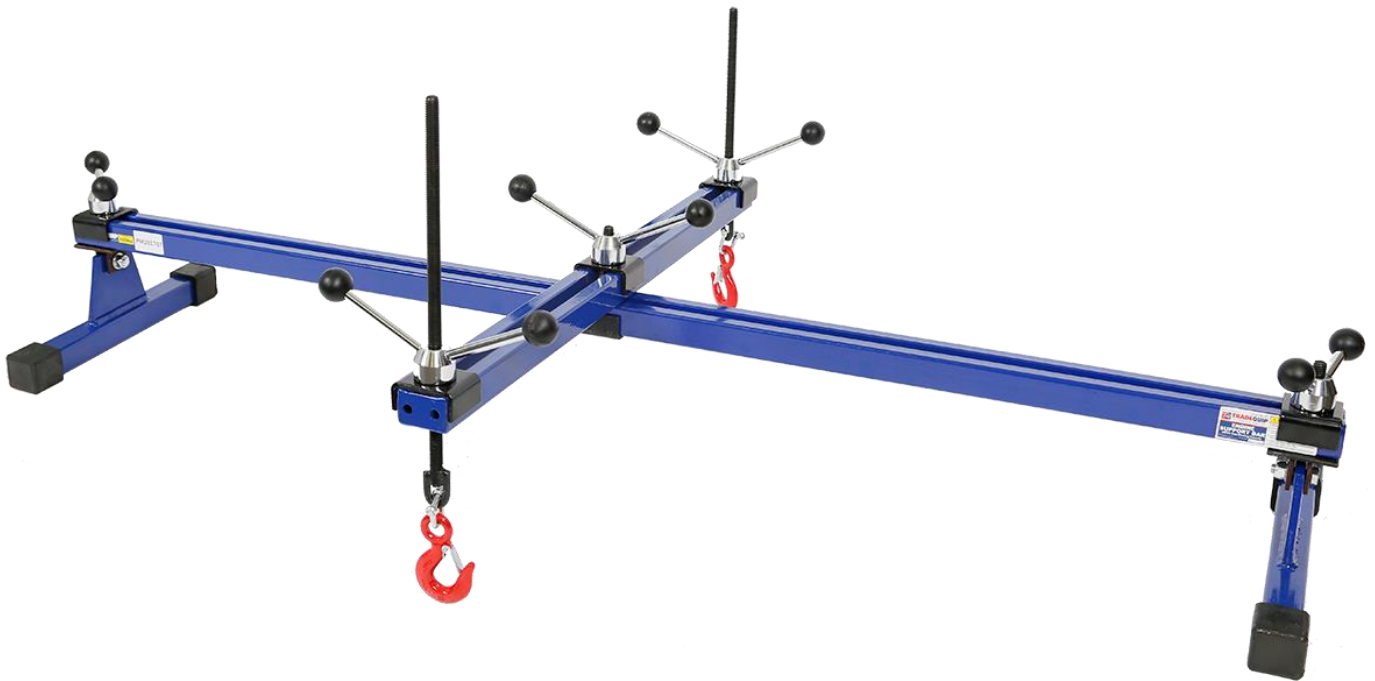
# Owners Manual

Product Code: 1021T

**MADE FOR THE  
TRADE**

**TQ TRADEQUIP**  
the trusted brand in equipment

**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.

**TQ TRADEQUIP**  
the trusted brand in equipment

**TQpro**  
Trusted by serious professionals

**BORUM**  
INDUSTRIAL WORKSHOP EQUIPMENT

**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-authorized 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. Refer to the vehicle owner's manual of the engine to be lifted to determine the lifting points.
2. Park the car on a flat surface, apply the parking brakes and chock the wheels.
3. Never try to move a running or hot engine. Allow sufficient time for the engine to cool down entirely before beginning any operations.
4. Turn Short Handles (2) anticlockwise to loosen the Standing Bracket (11), and locate rubber cushions of the Standing Bracket over the lips adjacent to the fenders of the car.
5. Centre the engine support bar assembly over the engine.
6. Turn Short Handles (2) clockwise to lock the Engine Support Bar in place.
7. Attach the Drop Hangers (19) to the engine at the appropriate lifting points, then loop the Drop Hangers securely to the flange on the bottom of the Long Support Screw (17).
8. Turn the Long Handles (5) clockwise until the Drop Hangers are taut and the engine is held securely.
9. Loosen engine mounts. Turn the Long Handles (5) at ¼ clockwise turns until the entire engine's weight is supported by the Drop Hangers.
10. Loosen/disconnect the engine mounts.
11. CAUTION: Never work on the engine while it is supported only by the Engine Support. Moving the engine while it is suspended only by the Engine Support can cause the Engine Support to fail or shift, resulting in serious personal injury and/or property damage.
12. To prevent accidents, lower and reconnect the engine when finished working. The Engine Support is not intended to be used as a long-term suspension device.
13. Clean, then store the tool indoors out of children's reach.

**4. STORAGE**

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

**5. MAINTENANCE**

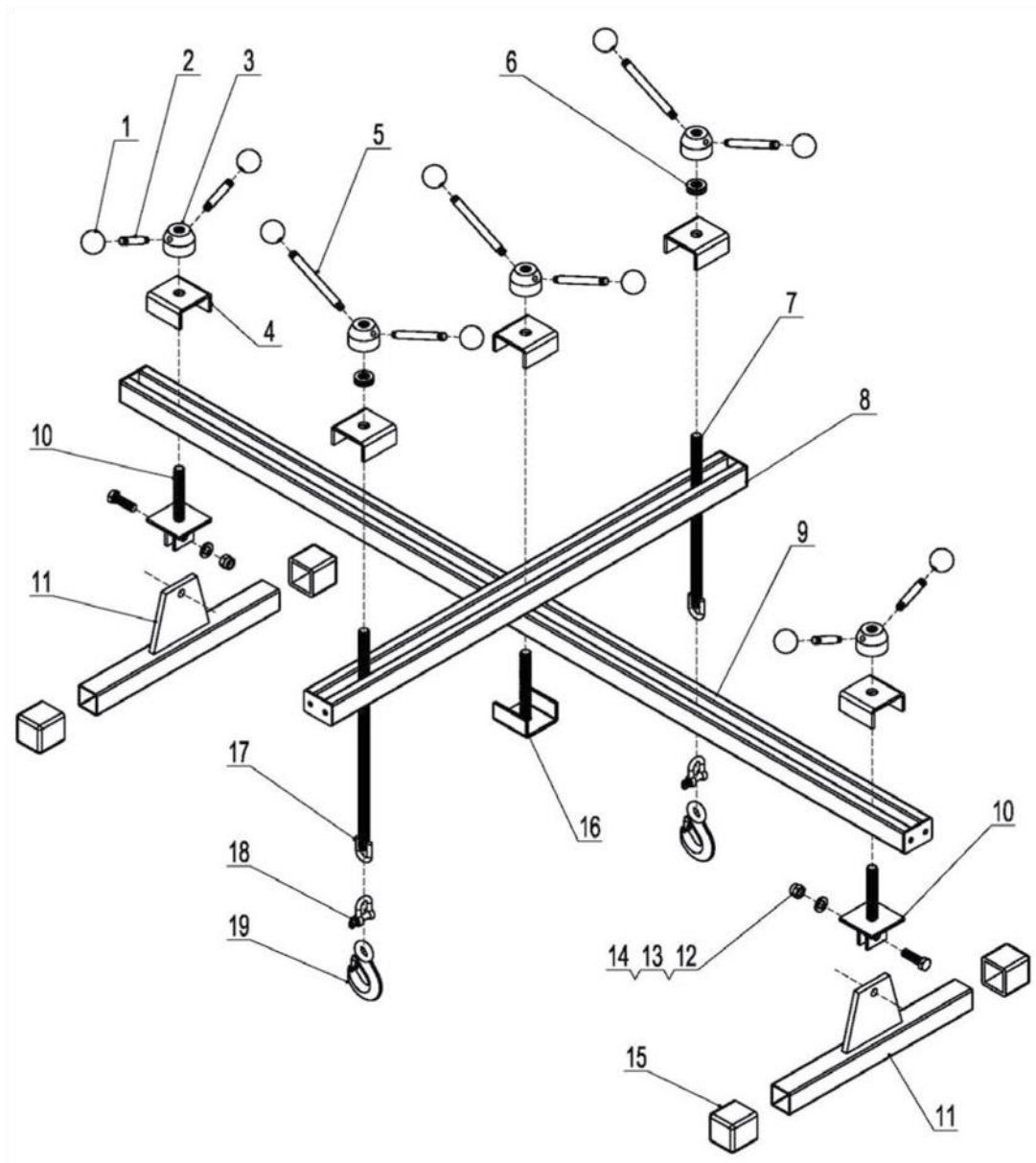
Replace or repair damaged parts. Use recommended parts only. Non-authorized parts may be dangerous and will invalidate the warranty.

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    | Bakelite Knob       | 10  |
| 2    | Short Handle        | 4   |
| 3    | Handle Seat         | 5   |
| 4    | U-Plate             | 5   |
| 5    | Long Handle         | 6   |
| 6    | Ball Thrust Bearing | 2   |
| 7    | Short Support Screw | 1   |
| 8    | Carling             | 1   |
| 9    | Cross Beam          | 1   |
| 10   | Standing Block      | 2   |

| Part | Description           | Qty |
|------|-----------------------|-----|
| 11   | Standing Bracket      | 2   |
| 12   | Hex Bolt M12x40       | 2   |
| 13   | Flat Washer $\phi$ 12 | 2   |
| 14   | Hex Lock Nut M12      | 2   |
| 15   | Rubber Grip           | 4   |
| 16   | Permanent Seat        | 1   |
| 17   | Long Support Screw    | 1   |
| 18   | Shackle               | 2   |
| 19   | Drop Hanger           | 2   |

## 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](mailto: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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