

Owners Manual

Product Code: 2103T

**MADE FOR THE
TRADE**

TQ TRADEQUIP
the trusted brand in equipment

**MOTORCYCLE
LIFTER**



Specifications:

- Safe Working Capacity: 680kgs
- Min Height: 185mm
- Max Height: 825mm
- Width: 710mm
- Length: 2000mm
- Air Pressure: 0.75-0.85Mpa

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 1year trade guarantee across 1,000+ distributors Australia wide.

TQ TRADEQUIP
the trusted brand in equipment

TQ PRO
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

- Keep motorcycle lifter in good working order, follow lubricating and changing accessories instructions
- Do not exceed the safe working capacity of 680kg.
- Do not make any modifications to the lift. Doing so may result in injury.
- Use this lift for lifting purpose only.
- Keep work area clean, free from hazards and well lit.
- Only use the motorcycle lifter for its intended purpose.
- Wear the correct PPE clothing.
- Do not overreach, keep proper footing and balance at all times while operating the motorcycle lifter
- Use only on hard level surfaces capable of sustaining the load.
- Ensure that risk assessment has been read.
- Faulty equipment must not be used. Immediately report suspect equipment.

OPERATIONAL SAFETY CHECKS

- Before lifting motorcycle ensure the weight of the motorcycle has been fully supported by the lift platform
- Do not put the rear wheel of the motorcycle on the leading plate.
- Do not use the leading plate to support the weight of the motorcycle when lifting. The leading plate is only used to assist with wheeling the motorcycle onto the platform when the lift is at its lowest level
- Ensure the motorcycle is adequately secured to the lifting platform with appropriate straps
- Ensure the locking bar is engaged once the platform has been raised to the correct working height to prevent accidental lowering
- Before lowering the motorcycle lift ensure there are no obstructions underneath and all persons are standing clear
- Do not attempt to transport load on the lift. The lift must only be used in the static position.

INTENDED USE

Lifts motorcycles, ATV's, ride-on mowers and snowmobiles for servicing, repair work and new vehicle preparation.

ASSEMBLY, OPERATION, PREVENTITIVE MAINTENANCE

1. FEATURES & MODELS

This TradeQuip Air/Hydraulic Motorcycle Lifter has a safe working capacity of up to 680 kg. The hydraulic foot pump raises and lowers ATV/Bike while the automatic safety lock makes sure you are safe and secure the entire time. The TradeQuip Air/Hydraulic Motorcycle Lifter is complete with an extra-large removable loading ramp which is also suitable for motorcycles with kickstands. The lifters robust and versatile construction, includes in a front wheel vice and 2 hook mounts for securing the load.

2. ASSEMBLY

Unpacking: after removing the packing material, make sure the product is in perfect condition and that there are no visible damaged parts.

Contents: Main Assembly Air/Hydraulic Pump Assembly Leading Plate Bolts, Washers, Nuts, Cotter Pins

1. Put the air hydraulic pump (20) by the side of the lift station
2. Connect the Hose Fitting (29) to the hole in the air hydraulic pump (20)
3. Attach leading plate (09) to end of platform (01)

3. BEFORE USE

Prior to each use conduct a visual inspection checking for abnormal conditions, such as cracked welds, leaks, and damaged, loose, or missing parts. Before first use of this product, pour a teaspoon of good quality, air tool lubricant into the air supply inlet of the lift control valve, connect to air supply and operate for 3 seconds to evenly distribute lubricant.

Bleeding System

1. Leave the pump for 1 hour to allow the oil to settle before bleeding the system. **Note:** Failure to allow sufficient time for oil to settle could result in air remaining in the oil. In this event, the pump will not bleed completely requiring a second bleed of the system.
2. Bleed the hydraulic circuit to eliminate any air in the system by fully pressing the release foot pedal and pumping the lift foot pedal 15 to 20 times.
3. Connect the quick coupler-male into the air supply hose quick coupler-female and fully press the release foot pedal (smaller one), then turn on the air valve assembly, letting the pump work for 30 seconds to eliminate any air in the hydraulic system.
4. Test the lift unladen, move the safety handle (36) to your right side, raise the lift to full height, then move the safety handle to your left side in the dent and lower the lift. Depress release foot pedal (smaller one) slowly to control the rate of descent.

4. OPERATION

1. Position the lift in a suitable area, turning the adjusting screw (24) down to make sure the lift is stable and level on the surface, checking that the surface on which the lift will stand is solid and flat (preferably concrete).
2. Wheel the ATV/motorcycle up the leading plate and onto the platform.



The motorcycle must be fully supported by the lift platform (01) before lifting. **Do not** put the rear wheel of the motorcycle on the leading plate and **do not** use the leading plate to support the weight of the motorcycle when lifting.



The leading plate (09) is only used to help you to wheel the motorcycle onto the platform when the lift is at its lowest position.

3. Strap the ATV or motorcycle securely to the platform. **Before raising the lift, move the safety handle (36) to your right side.**
4. Connect the quick coupler-male into the air supply hose quick coupler-female, then turn on the air valve assembly to raise the lift. When air source is not available, pump the lift foot pedal (bigger one) to raise the lift.
5. When the platform has been raised to the working height, turn off the air valve or stop pumping.
NOTE: At this moment, make sure the safety handle (36) is on your right side and the Locking Bar (10) is locked in corresponding pair of safety latch to prevent accidental lowering.
6. When work is done, remove all tools from under the lift before lowering. Raise the lift by pumping the lift foot pedal (bigger one) several times or by air to let the locking bar (10) free from its locking position, then move the safety handle (36) to your left side and fix it in the dent, **SLOWLY** press the release foot pedal (smaller one) to **GENTLY** lower the lift. **NOTE: Lower the ATV or motorcycles slowly, in a controlled fashion. Never allow the ATV or motorcycle to drop quickly.**
7. When the lift is fully lowered, untie the ATV or motorcycle, open the vice jaws and remove the ATV or motorcycle from the lift.

5. INSPECTION

- Prior to each use conduct a visual inspection checking for abnormal conditions, such as cracked welds, leaks, and damaged, loose, or missing parts.
- The motorcycle lift shall always be maintained in accordance with the maintenance instructions. No alterations or modifications shall be made to this motorcycle lift.
- Inspections shall be performed in accordance with this owner's manual.
- The motorcycle lift must be inspected immediately if it is believed to have been subjected to abnormal load or shock.
- Owners and /or operators should be aware that repair of this product may require specialised equipment and knowledge (refer to maintenance section).

6. STORAGE

- When not in use, the lift must be stowed in the lowest position in a dry location to minimize ram and piston corrosion.

7. MAINTENANCE

- Keep the lift clean and wipe off any oil or grease. Lubricate all moving parts.
- Periodically check the ram and piston for signs of corrosion. Clean the exposed areas with a clean oiled cloth.
- Before each use check all parts. If any part of the lift is damaged or suspect, remove the lift from service and take necessary action to repair.
- Check the hydraulic oil level. If it is not adequate, remove the rubber plug on the pump and add hydraulic oil if necessary.



DO NOT use brake fluid or any other improper fluid. Only good quality hydraulic jack oil can be used.

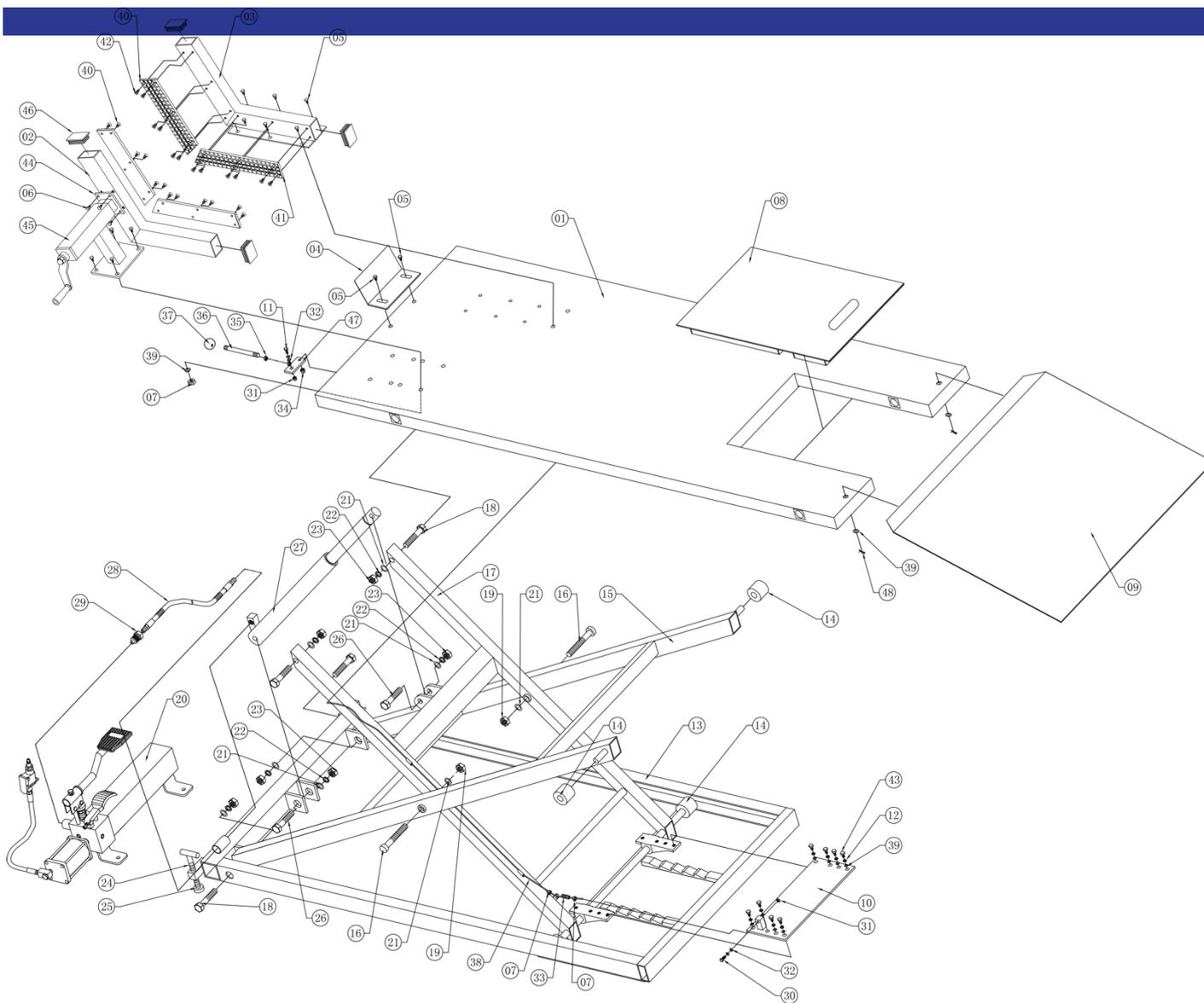
- When lift efficiency drops, bleed away air from the hydraulic system as described in 3.2.
- Only use replacement parts that are approved by the manufacturer.
- Regularly clean all surfaces and maintain all labels and warnings.

8. SERVICE & REPAIR

Any Motorcycle Lifter 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 Hydraulic workshop press 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 LIST & DIAGRAM

No:	Description	Qty	No:	Description	Qty	No:	Description	Qty
01	Platform	1	18	Bolt	4	35	Nut	1
02	Movable Tube Assembly	1	19	Nut	2	36	Lock Handle	1
03	Fixed Tube Assembly	1	20	Pneumatic/Foot Pump	1	37	Ball knob	1
04	Baffle Plate	1	21	Flat Washer	8	38	Rope	1
05	Bolt	12	22	Lock Washer	6	39	Flat Washer	22
06	Bolt	4	23	Nut	6	40	Rubber Pad 1	2
07	Nut	16	24	Support Bar	2	41	Rubber Pad 2	2
08	Sliding Plate	1	25	Flexible Head	2	42	Screw	24
09	Leading Plate	1	26	Bolt	2	43	Bolt	8
10	Locking Bar	1	27	Ram	1	44	Tube	1
11	Bolt	1	28	Oil Hose	1	45	Fixed Part	1
12	Lock Washer	8	29	Hose Fitting	1	46	Wheel Clamp	4
13	Frame Assembly	1	30	Bolt	1	47	Connecting Plate	1
14	Roller	4	31	Nut	2	48	R Pin	2
15	Outside Lifting Arm	1	32	Flat Washer	4			
16	Screw	2	33	Screw	2			
17	Inside Lifting Arm	1	34	Nut	1			



PRODUCT INFORMATION TOP TIPS

PRODUCT INFORMATION

How to extend the life of your Air/Hydraulic Motorcycle Lift

11 Top Tips

to extend the life of your TradeQuip Air/Hydraulic Motorcycle Lift Model 2103T

1 Personal Safety

Correct PPE should always be worn whilst operating any Motorcycle Lift.



2 Setting Up and Leveling the Lift

To ensure safe operation your TradeQuip Motorcycle Lift must be used on a flat level surface. The 2103T model has leveling adjusters that should be used in conjunction with a spirit level to achieve a safe level lift platform.



3 Ensure Hydraulic Oil is at correct levels

Disconnect the air supply and stand the Air Hydraulic pump vertically on its end and remove the filler/breather then fill to the bottom of the filler hole with SAE32 grade Hydraulic oil. Re-attach the air supply then place the pump back on the floor and extend the lift to fully raised then lower to fully lowered and recheck the level again refilling if required.



4 Regularly Lubricate the Air Motor

Lubrication of the air motor is essential for smooth operation while raising a vehicle.



5 Frame Pivots and Rollers Lubrication

Pivots, Pins and Rollers should be lubricated with a Light Bearing Grease or 30/40W Machine Oil to ensure long life, smooth operation and prevent premature wear.



6 Safety Locking Device Care

Your TradeQuip 2103T Motorcycle Lift comes with a Safety Device consisting of a ratchet ladder and pawl system. This Safety Device hinge points and ratchet ladder must be kept lubricated and clear of any debris to ensure safe engagement during load raising and holding.



7 Mounting Your Motorcycle

Do not use the leading plate to support the weight of the motorcycle when lifting. The leading plate is only used to assist with wheeling the motorcycle onto the platform when the lift is at its lowest level. Align the front or rear wheel within the wheel clamp Jaws and close the Jaws until the motor cycle is held firmly in a vertical position. Use adjustable load rated load restraint straps to secure the motorcycle to the platform.



8 Adding the ATV Accessory Ramps

The Model 2103T motorcycle Lift can be used to lift ATVs by purchasing the separately sold 2103T-EXT width extender panels. With a combined width of 1218mm this extension provides a stable platform for use with small to mid-sized ATVs. Use adjustable load rated load restraint straps to secure the ATV to the platform.



Not suitable for wider ATV's where wheel overhang is possible.

9 Hazards and Obstructions.

All wheeled TQB Brands equipment must be used on smooth surface free of cracks, crevices and tripping hazards that can foul the wheels during operation or relocation.

10 Storage

When not in use, the lift must be stowed in the lowest position in a dry location to minimize ram and piston corrosion.

11 Read the user Manual thoroughly and keep a copy easily accessible or visit our webpage www.tqbbrands.com.au for instructional documents & pre-start videos.

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 this piece of equipment 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 12 month 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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