

Sealey MC480

Sealey MC480 Hydraulic Motorcycle and Quad Lift User Manual

Model: MC480

INTRODUCTION

Thank you for purchasing the Sealey MC480 Hydraulic Motorcycle and Quad Lift. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your new lift. Please read this manual thoroughly before use and retain it for future reference.

The Sealey MC480 is designed for lifting motorcycles, quads, all-terrain vehicles (ATVs), trikes, and transmissions with a suitable structure. It features a robust steel construction, a bottle jack style power unit, and a mechanical safety lock for secure operation. Its maneuverability is enhanced by two fixed wheels and two castors.

SAFETY INFORMATION

WARNING: Failure to follow these instructions may result in serious injury or property damage.

- Always ensure the lift is on a flat, level, and stable surface before operation.
- Do not exceed the maximum rated capacity of 680kg.
- Ensure the load is centered and stable on the lifting arms before raising.
- Always engage the mechanical safety lock once the desired height is reached and before working under the lifted vehicle.
- Keep hands and feet clear of moving parts during operation.
- Do not modify the lift in any way. Use only genuine Sealey replacement parts.
- Wear appropriate personal protective equipment (PPE) such as safety glasses and gloves.
- Keep children and unauthorized persons away from the work area.
- Inspect the lift for damage or wear before each use. Do not use if damaged.
- Lower the load slowly and carefully.

PRODUCT OVERVIEW AND COMPONENTS

The Sealey MC480 lift consists of the following main components:

- **Lifting Arms:** Padded platforms for supporting the vehicle.
- **Hydraulic Bottle Jack Unit:** Provides the lifting power.
- **Operating Handle:** Used to pump the hydraulic unit and raise the lift.
- **Release Valve:** Controls the lowering of the lift.
- **Mechanical Safety Lock:** Secures the lift at various heights.
- **Stabilizer Feet:** Provide additional stability during lifting.
- **Wheels and Castors:** For easy positioning and maneuverability.



Figure 1: Overall view of the Sealey MC480 Hydraulic Lift with the handle in the operating position.



Figure 2: Detailed view of the hydraulic lifting mechanism and mechanical safety lock pins.

SETUP

1. **Unpacking:** Carefully remove all components from the packaging. Check for any shipping damage.
2. **Assembly (if required):** Attach the operating handle to the hydraulic unit. Ensure all bolts and fasteners are securely tightened. Refer to any included assembly diagrams if provided with the product packaging.
3. **Positioning:** Place the lift on a firm, level, and non-slip surface capable of supporting the combined weight of the lift and the maximum load.
4. **Stabilizer Feet:** Adjust the stabilizer feet to ensure the lift is stable and does not rock.

OPERATING INSTRUCTIONS

A. Raising the Lift

1. Ensure the release valve is fully closed by turning it clockwise.
2. Position the vehicle to be lifted centrally and securely on the lifting arms. Ensure the vehicle's center of gravity is balanced.
3. Insert the operating handle into the pump socket.
4. Pump the handle steadily to raise the lifting arms.
5. Raise the lift to the desired working height.
6. Once at the desired height, engage the mechanical safety lock by inserting the safety pins into the nearest available

holes on the lifting mechanism. This prevents accidental lowering.

- 7. Before working under the vehicle, gently attempt to lower the lift slightly to ensure the safety lock is fully engaged and supporting the load.

B. Lowering the Lift

- 1. Ensure the area around and under the lift is clear of obstructions and personnel.
- 2. Slightly raise the lift by pumping the handle to disengage the mechanical safety lock pins. Remove the safety pins.
- 3. Slowly turn the release valve counter-clockwise to gradually lower the lift. Do not open the valve too quickly, as this can cause the load to drop rapidly.
- 4. Once the lift is fully lowered, remove the vehicle.

MAINTENANCE

- **Regular Inspection:** Before each use, inspect the lift for any signs of damage, wear, or leaks. Check all bolts and fasteners for tightness.
- **Cleaning:** Keep the lift clean and free from dirt, grease, and debris. Use a damp cloth for cleaning.
- **Lubrication:** Periodically lubricate all pivot points and moving parts with a suitable grease or oil to ensure smooth operation.
- **Hydraulic Fluid:** Check the hydraulic fluid level periodically. If low, top up with a high-quality hydraulic jack oil. Refer to the hydraulic unit's specific instructions for fluid type and filling procedure.
- **Storage:** When not in use, store the lift in a clean, dry place with the lifting arms fully lowered to protect the hydraulic cylinder.
- **Repairs:** All repairs should be carried out by qualified personnel using genuine Sealey replacement parts.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Lift will not raise or raises slowly.	Low hydraulic fluid level. Release valve not fully closed. Air in hydraulic system.	Check and top up hydraulic fluid. Ensure release valve is fully tightened clockwise. Bleed air from the system (refer to hydraulic unit instructions).
Lift lowers under load.	Release valve not fully closed. Internal hydraulic leak. Overload.	Ensure release valve is fully tightened clockwise. Contact qualified service personnel. Reduce load; do not exceed 680kg capacity.
Lift is unstable.	Uneven surface. Stabilizer feet not adjusted.	Move lift to a flat, level surface. Adjust stabilizer feet until lift is stable.

SPECIFICATIONS

Feature	Specification
Model No.	MC480
Capacity	680 kg (1500 lbs)

Feature	Specification
Maximum Lifting Height	400 mm (15.7 inches)
Construction Material	Heavy Steel
Power Unit Type	Bottle Jack Style Hydraulic
Color	Red
Item Weight	Approximately 22 lbs (Note: This weight seems low for the capacity and construction. Please verify with product labeling.)



WARRANTY AND SUPPORT





Specific warranty information for the Sealey MC480 Hydraulic Motorcycle and Quad Lift is not provided in this manual. Please refer to the warranty card included with your product or visit the official Sealey website for detailed warranty terms and conditions.

For technical support, spare parts, or service inquiries, please contact your authorized Sealey dealer or Sealey customer service. Contact details can typically be found on the [Sealey website](#) or product packaging.

© 2023 Sealey. All rights reserved. Information in this manual is subject to change without notice.

Related Documents - MC480

	<p>Sealey MC135 135kg Hydraulic Motorcycle Lift - Off-Road/Trials Bike Instructions</p> <p>Comprehensive instructions for the Sealey MC135 135kg Hydraulic Lift, designed for off-road and trials motorcycles. Covers essential safety guidelines, assembly steps, operational procedures, maintenance requirements, and detailed specifications for safe and effective use.</p>
	<p>Sealey 363kg Hydraulic Motorcycle Lift (MC365.V3) - Instructions and Safety Guide</p> <p>Comprehensive instructions and safety guidelines for the Sealey 363kg Hydraulic Motorcycle Lift, Model MC365.V3. Covers product introduction, safety warnings, specifications, assembly, operation, maintenance, and environmental protection information.</p>

	<p>Sealey MC550 450kg Hydraulic Motorcycle Lift - User Manual & Safety Guide</p> <p>Comprehensive user manual and safety instructions for the Sealey MC550 450kg Hydraulic Motorcycle Lift. Includes details on assembly, operation, maintenance, troubleshooting, and environmental compliance.</p>
	<p>Sealey SSPS Single-Sided Motorcycle Stand Instructions</p> <p>Official instructions for the Sealey SSPS Single-Sided Motorcycle Stand. Learn about safety, specifications, assembly, operation, and maintenance for this high-quality motorcycle lift.</p>
	<p>Sealey MS063V Motorcycle Dolly - Upright Clamp Type User Manual</p> <p>User manual and safety guide for the Sealey MS063V Motorcycle Dolly. Covers specifications, operation, loading, unloading, maintenance, and environmental protection.</p>
	<p>Sealey Hydraulic Scissor Lift Platform Table 150kg, 300kg User Manual</p> <p>Comprehensive user manual for the Sealey HPT150.V2 and HPT300.V3 Hydraulic Scissor Lift Platform Tables, covering safety, specifications, assembly, operation, and maintenance instructions.</p>