



**Upgrade · The Home Creator Way**

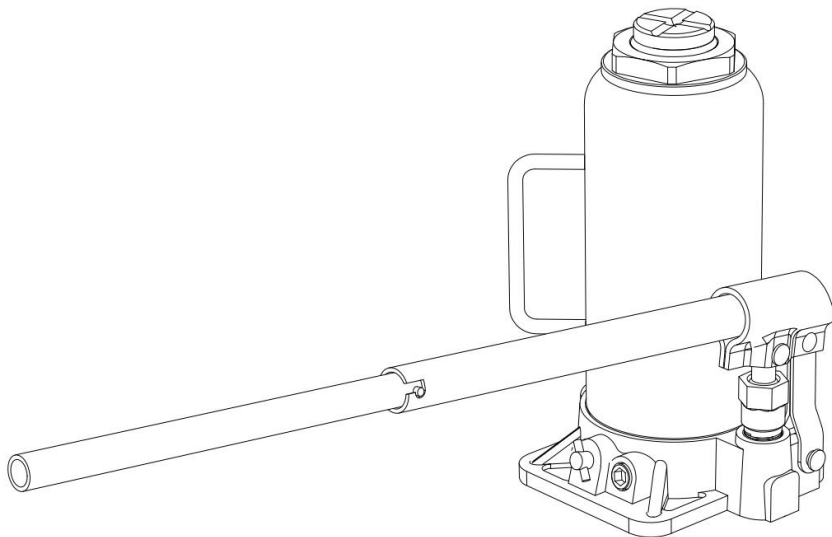
## **Bottle Jack**

**MODEL:MR04 / MR06 / MR10 / MR12 / MR20**

VEVOR Support Center

|   |      |                                                                                   |   |      |                                                                                    |
|---|------|-----------------------------------------------------------------------------------|---|------|------------------------------------------------------------------------------------|
| 1 | MR04 |  | 2 | MR06 |  |
| 3 | MR10 |  | 4 | MR12 |  |
| 5 | MR20 |  |   |      |                                                                                    |

**MODEL:MR04 / MR06 / MR10 / MR12 / MR20**



<Picture Only For Reference >

This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

# IMPORTANT SAFEGUARDS



**WARNING:** Read and understand this entire manual before operating or servicing this product. Failure to follow these warnings and instructions can cause personal injury or damage to valuable property.

- The product complies with relevant standards and regulations. Installation of this device must comply with all applicable regulations, and it should only be operated in well-ventilated areas. Please read the user manual before installing and using this equipment.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children shall not play with the appliance
- This appliance shall not be used by children.
- Please properly keep product. Check whether the product is abnormal before use. If it is abnormal, please stop using it. Please use the product according to the intended use, warn of potential injury from misuse.
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- Please use the product according to the intended use, warn of potential injury from misuse.
- Wear ANSI-approved safety goggles and heavy-duty work gloves during assembly.
- Keep assembly area clean and well-lit.
- Keep bystanders out of the area during assembly.
- Do not assemble when tired or when under the influence of alcohol, drugs or medication.
- For additional information regarding the parts listed in the following pages, please refer to the Assembly Diagram of this manual. Unwrap and separate all parts in a clean work area. Please keep small spare parts out of children's reach.
- The product complies with EN 1494 standards and regulations.

- Installation of this device must comply with all applicable regulations, and only using the jack on level ground and where to place the jack for safe lifting. Please read the user manual before installing and using this equipment.
- It is forbidden to lift people or animals.
- It is not allowed to work under the raised load until it is secured by suitable means.
- No modifications shall be carried out which adversely affect the compliance of the jack with this standard.
- Use only on a hard, level surface.
- If the jack is damaged, it must be maintenance and repair by the manufacturer or its service agent.
- Please properly keep product. Check whether the product is abnormal before use. If it is abnormal, please stop using it
- Please use the product according to the intended use, warn of potential injury from misuse.
- The product is not waterproof, must not be immersed.
- Check vehicle owner's manual for correct vehicle weight - DO NOT exceed the bottle jacks rated safe working capacity.
- Use only as specified by the manufacturer.
- The bottle jack is only a lifting device. Immediately after lifting, support the vehicle with appropriate means.
- Securely chock wheels remaining on the ground.
- Ensure that each stand is securely located under a strong point on the vehicle -consult the vehicle owner's manual for guidance.
- Centre the load prior to lifting.
- Use the right product for the job. There are certain applications for which the Bottle Jack was designed. Do not modify the Bottle Jack and do not use the Bottle Jack for a purpose for which it was not intended.

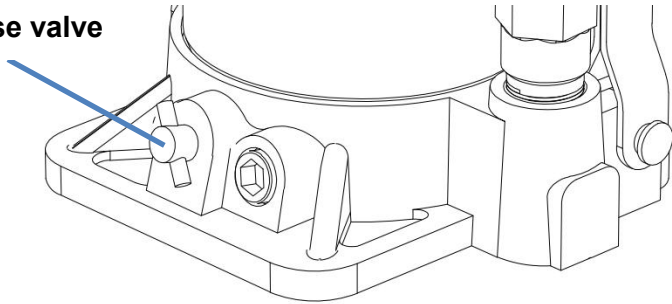
**SAVE THESE INSTRUCTIONS**

## OPERATION INSTRUCTIONS

**+To raise:** Using the slotted opening at the end of the handle, turn the release-valve clockwise to tighten it. And then put the jack under the load to be lifted. Turn the adjustable screw rod until it contacts with the load, Put the handle in the pressing handle holder and press up the down; the piston rod will rise slowly till the specified range is reached.

**+To lower:** Remove the pressing handle. Using the slotted opening at the end of the handle turn the release valve slightly counterclockwise to loosen it. And then the piston rod will move down slowly. When loaded. the release valve should not be turned quickly, otherwise too speedy lowering will lead to danger.

**Release valve**



### **⚠ WARNING ⚠**

Be sure all tools and personnel are clear before lowering load, dangerous dynamic shock loads are created by quickly opening and closing the release valve as the load is being lowered the resulting overload may cause hydraulic system failure, which could cause severe personal injury and/or property damage.

## FOR SAFETYS SAKE

Lifting weight should not exceed the specified duty of this jack. (Max.watch box)  
The bottom of the jack should always be placed on the leveled and hard ground.  
The contact between the top and the lifted body must be perfect.  
Without a supporting rack, it is not allowed to work under the lifted heavy body

after it is raised.

When several jacks are used together, the raising speed should be coincident with each other and the duty of each should be balanced, otherwise the danger of topping over will happen.

## **ROUTINE MAINTENANCE**

Proper quantity of oil should be maintained, otherwise the specified lifting height will not be reached.

When in operation, the jack should be seated at a rectangular angle with the lifted heavy body, and to avoid piston and screw top cracking no crookedness should be allowed.

To avoid damage, the jack should be kept from shocking while in operation.

The jack is not allowed to stand on one side or upside down.

This product is not suitable for an operating environment full of acid-alkaline and corrosive air.

## **ADDING OIL**

1. With saddle fully lowered and pump piston fully depressed, set jack in its upright, level position. Remove oil filler plug.
2. Fill until oil is level with the filler plug hole, reinstall oil filter plug.

## **CHANGING OIL**

For best performance and longest life, replace the complete fluid supply at least once per year.

1. With saddle fully lowered and pump piston fully depressed, remove the oil filler plug.
2. Lay the jack, on its side and drain the fluid into a suitable container.

Note: Dispose of hydraulic fluid in accordance with local regulations

3. Fill with good quality jack oil. Reinstall oil filler Plug. We recommend Mobil DTE 13 or equivalent.

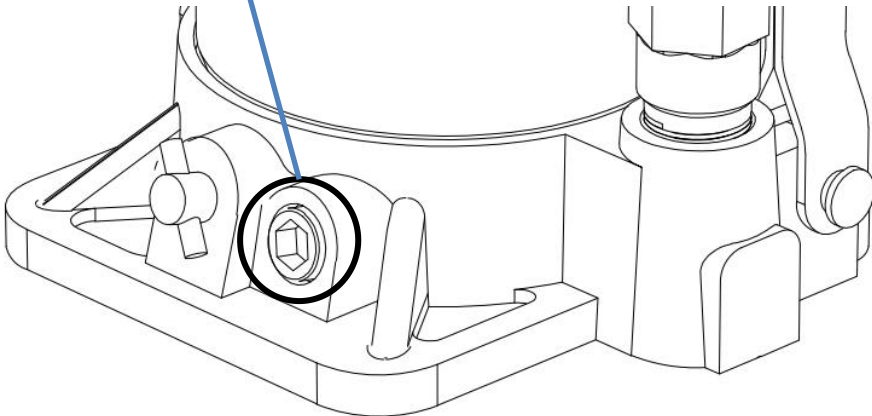
## LUBRICATION

1. A coating of light lubricating oil to pivot points axles and hinges will help to prevent rust and ensure that wheels, casters and pump assemblies move freely.
2. Periodically check the pump piston and ram for signs of rust or corrosion. Clean as needed and wipe with an oily cloth.  
**NEVER USE SANDPAPER OR ABRASIVE MATERIAL ON THESE SURFACES.**
3. When not in use, store the jack with pump piston and ram fully retracted.

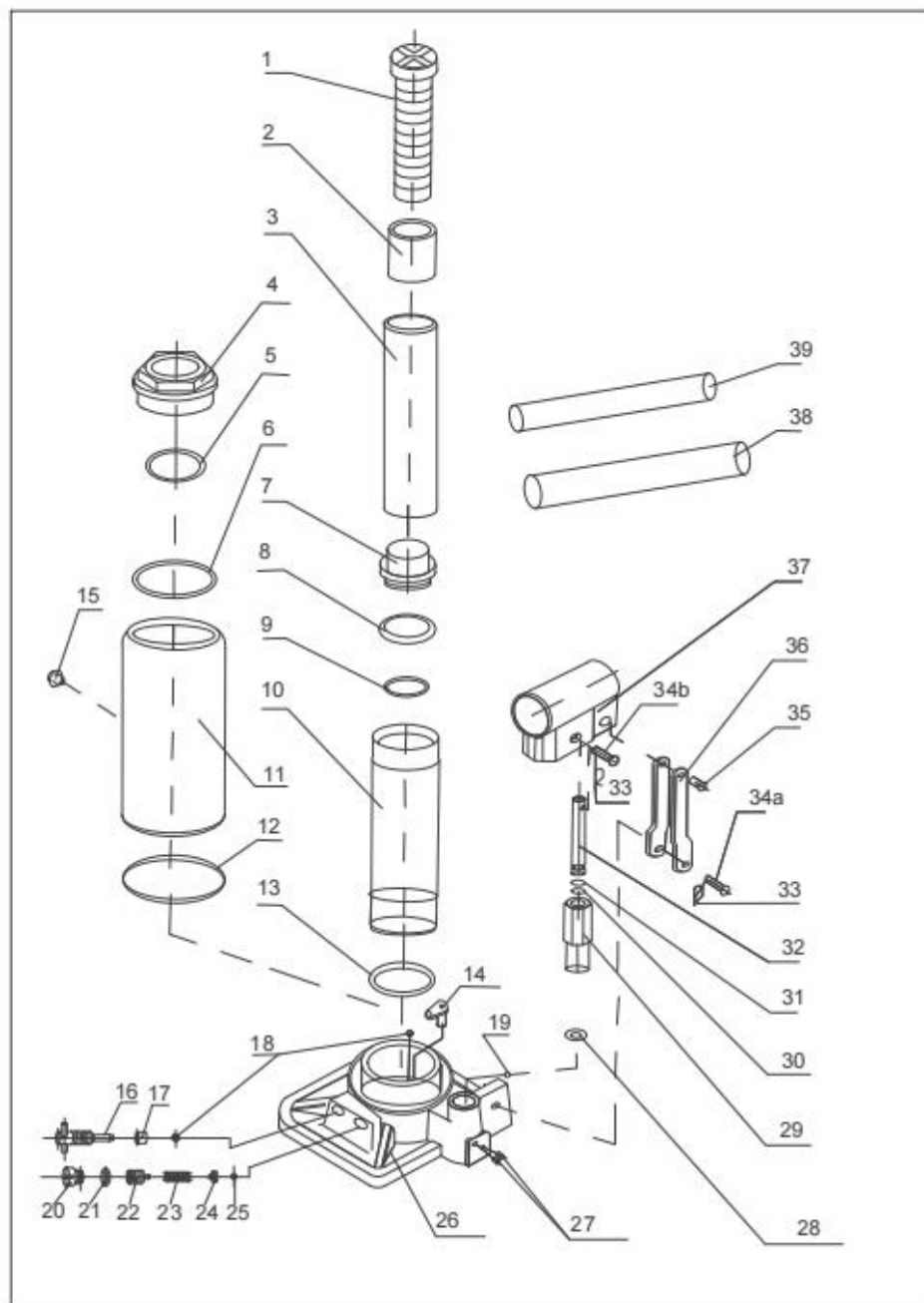
**⚠ WARNING ⚠**

**DO NOT ADJUST**

**THIS VALVE**



# STRUCTURAL COMPOSITION



## PART LIST

| ITEM No. | DESCRIPTION         | QTY | ITEM No. | DESCRIPTION     | QTY |
|----------|---------------------|-----|----------|-----------------|-----|
| 1        | Adjusting Screw     | 1   | 21       | O - Ring        | 1   |
| 2        | Screw sleeve        | 1   | 22       | Adjusting Screw | 1   |
| 3        | Piston rod          | 1   | 23       | Spring          | 1   |
| 4        | Top Cap             | 1   | 24       | Roof Block      | 1   |
| 5        | O - Ring            | 1   | 25       | Steel ball      | 1   |
| 6        | Rectangle Ring      | 1   | 26       | Base            | 1   |
| 7        | Piston head         | 1   | 27       | Oil Plug Screw  | 2   |
| 8        | Elegy Ring          | 1   | 28       | Pad             | 1   |
| 9        | O - Ring            | 1   | 29       | Pump Body       | 1   |
| 10       | Hydraulic Cylinder  | 1   | 30       | O - Ring        | 1   |
| 11       | Oil Tank            | 1   | 31       | Baffle Ring     | 1   |
| 12       | Trapezoid Ring      | 1   | 32       | Pump Plunger    | 1   |
| 13       | Ring                | 1   | 33       | Cotter Pin      | 2   |
| 14       | Steel ball Plate    | 1   | 34       | Wrist           | 2   |
| 15       | Oil Plug            | 1   | 35       | Wrist           | 1   |
| 16       | Release Valve Lever | 1   | 36       | Link            | 1   |
| 17       | Rectangle Ring      | 1   | 37       | Handle socket   | 1   |
| 18       | Steel ball          | 2   | 38       | Front lever     | 1   |
| 19       | Steel ball          | 1   | 39       | Rear lever      | 1   |
| 20       | Hug Order Screw     | 1   |          |                 |     |

## PARAMETER TABLE

| <b>Model</b> | <b>Lifting<br/>Capacity<br/>(TON)</b> | <b>Min<br/>Altitude<br/>(mm)</b> | <b>Max<br/>Altitude<br/>(mm)</b> | <b>Lifting<br/>Altitude<br/>(mm)</b> | <b>Regulating<br/>Altitude<br/>(mm)</b> |
|--------------|---------------------------------------|----------------------------------|----------------------------------|--------------------------------------|-----------------------------------------|
| <b>MR04</b>  | <b>4</b>                              | <b>185</b>                       | <b>350</b>                       | <b>115</b>                           | <b>50</b>                               |
| <b>MR06</b>  | <b>6</b>                              | <b>195</b>                       | <b>375</b>                       | <b>120</b>                           | <b>60</b>                               |
| <b>MR10</b>  | <b>10</b>                             | <b>235</b>                       | <b>470</b>                       | <b>155</b>                           | <b>80</b>                               |
| <b>MR12</b>  | <b>12</b>                             | <b>205</b>                       | <b>400</b>                       | <b>135</b>                           | <b>60</b>                               |
| <b>MR20</b>  | <b>20</b>                             | <b>225</b>                       | <b>435</b>                       | <b>150</b>                           | <b>60</b>                               |

