

# **VEVOR<sup>®</sup>**

**TOUGH TOOLS, HALF PRICE**

**20T PORTA POWER JACK**

We continue to be committed to provide you tools with competitive price. "Save Half", "Half Price" or any other similar expressions used by us only represents an estimate of savings you might benefit from buying certain tools with us compared to the major top brands and does not necessarily mean to cover all categories of tools offered by us. You are kindly reminded to verify carefully when you are placing an order with us if you are actually saving half in comparison with the top major brands.

# VEVOR®

## 20T PORTA POWER JACK



### NEED HELP? CONTACT US!

Have product questions? Need technical support? Please feel free to contact us:

✉ [CustomerService@vevor.com](mailto:CustomerService@vevor.com)

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.

# 1. Forward

This kit is perfect for a variety of auto repair, frame repair and construction jobs. Industrial quality multipurpose porta powers are used for automotive, truck, farm and heavy equipment repair. This hydraulic repair kit is perfect for auto truck body and frame repair. The complete kit contains all heavy-duty equipment needed for lifting, pushing pulling, bending, straightening & spreading. Safe and easy to assemble and use. For automotive, truck, farm and heavy equipment repair. Perfect for a variety of auto repair, frame repair and construction jobs.

# 2. Main specifications

Model Series	Maximum lifting pressure (t)	Ejector Stroke (mm)	Gross Weight(kg )	MEAS(mm)
ZX0201 20T	20	145	39.8	745×315×175

# 3. Safety instructions

- 1. Stay alert.** Watch what you are doing and keep awake when operating the tool. Do not use the tool while tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating the tool will increase the risk of injury to persons.
- 2. Dress properly.** Do not wear loose clothing, jewelry and let the long hair loose. Keep hair, clothing, and gloves away from moving parts. Loose clothes, jewelry, or long hair increases the risk of injury to persons as a result of being caught in moving parts.
- 3. Do not overreach.** Keep proper footing and balance at all times. Proper footing and balance enables better control of the tool in unexpected situations.
- 4. Use safety equipment.** Wear ANSI-approved safety goggles and heavy-duty work gloves during use.
- 5. Do not force the tool.** Use the correct tool for the application. The correct tool will do the job better and safer at the rate for which the tool is designed.

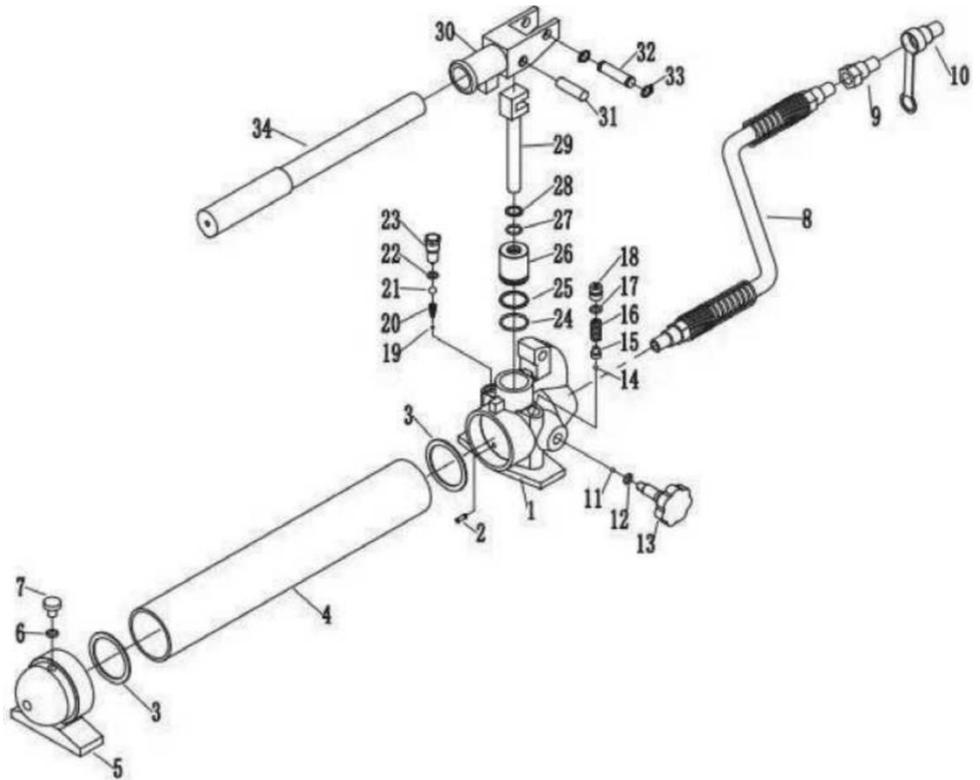
- 6.** When the tool is idle, store it out of reach of children and other untrained persons. A tool is dangerous in the hands of untrained users.
- 7. Check for misalignment or binding of moving parts, breakage of parts, and any other condition that affects the tool's operation.** If damaged, have the tool serviced before using. Many accidents are caused by poorly maintained tools.
- 8. Use only accessories that are identified by the manufacturer for the specific tool model.** Use of an accessory not intended for use with the specific tool model, increases the risk of injury to persons.
- 9. Avoid off-center loads.** If the Pump seems unusually hard to operate, please immediately stop to use it. Adjust the Ram to eliminate or diminish an off-center load. The Flange Base and Flange Head must only be used together to prevent an off-center load.
- 10. Protect the Hose.** Do not drop heavy objects on the Hose . Avoid sharp kinks in the Hose. Maintain proper clearance to avoid damage to the Hose and Couplers.
- 11. Inspect repair after use.** Repairs to structural or frame members must be inspected by a qualified technician to ensure that the structure is still strong enough to safely fulfill its function.
- 12. Tool service must be performed only by qualified repair personnel.**
- 13. When servicing a tool, use only identical replacement parts. Use only authorized parts.**

## 4. Main construction

### HYDRAULIC BODY/FRAME PUMP

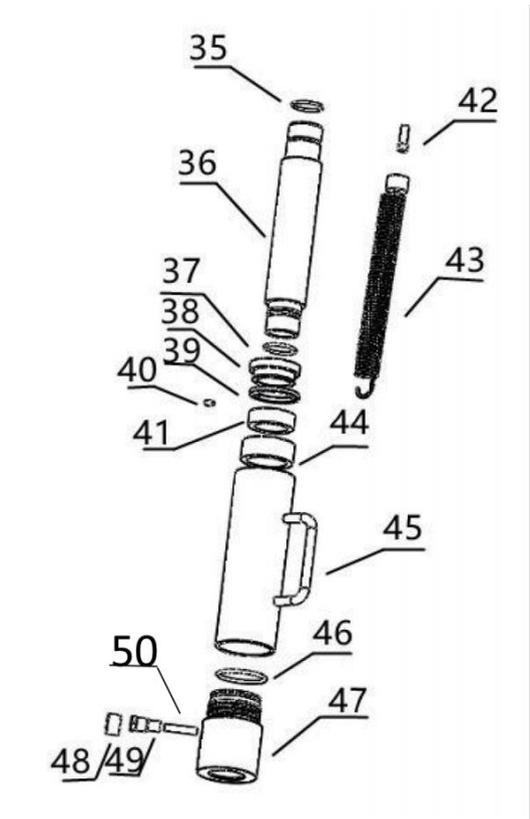
PART NO	DESCRIPTION	QTY	PART NO	DESCRIPTION	QTY
1	Valve Block	1	18	Screw	1
2	Oil Filter	1	19	Ball	1
3	O-Ring	2	20	Spring	1
4	Reservoir	1	21	Ball	1

5	Pump Foot	1	22	O-Ring	1
6	O-Ring	1	23	Screw	1
7	Screw	1	24	O-Ring	1
8	Hose	1	25	O-Ring	1
9	Coupler 3	1	26	Pump Body	1
10	Dust Proof Cover	1	27	O-Ring	1
11	Ball	1	28	O-Ring	1
12	O-Ring	1	29	Piston	1
13	Release Valve	1	30	Handle Socket	1
14	Ball	1	31	Pin	1
15	Bushing	1	32	Pin	1
16	Spring	1	33	Retaining Ring	2
17	O-Ring	1	34	Handle	1



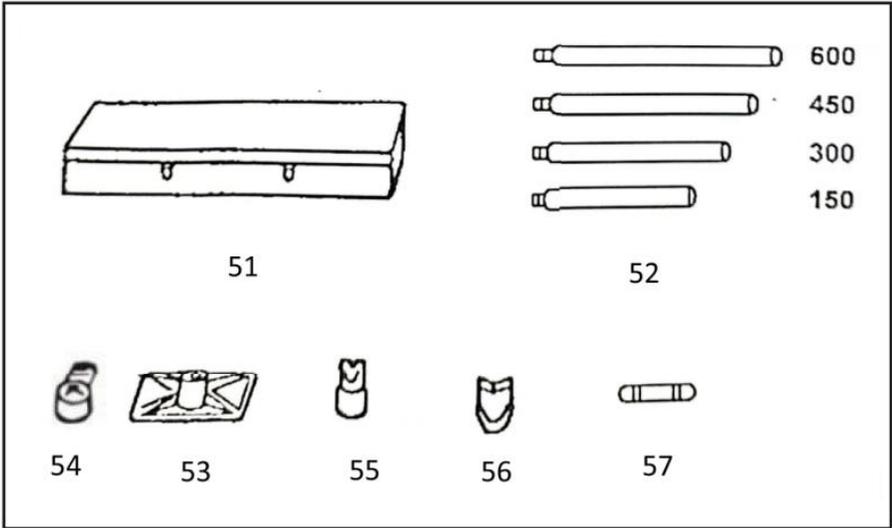
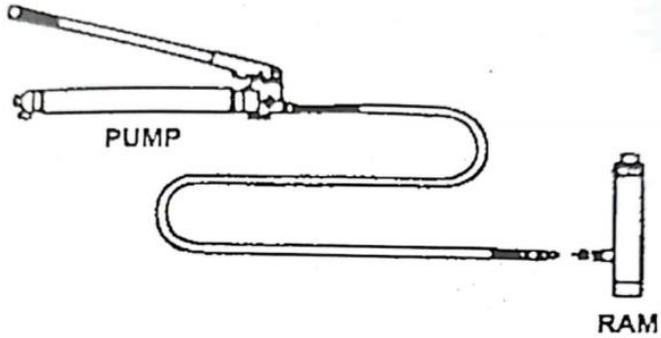
## YDRAULIC RAM

35	Steel wire circlif	1	43	Tension spring nu	1
36	Piston rod	1	44	Threaded sleeve	1
37	O-ring	1	45	Cylinder	1
38	Piston head	1	46	O-ring	1
39	Polyurethane	1	47	Plug	1
40	Set screw	1	48	Nut	1
41	Piston rod nut	1	49	Small valve body	1
42	Screw	1	50	Locating pin	1



**ACCESSORIES**

PART NO	DESCRIPTION	QT Y	PART NO	DESCRIPTION	QT Y
51	Metal Box	1	55	Wedge Head	1
52	Tube	1	56	Squre Head	1
53	Base	1	57	Movable Connection	1
54	Spreader Ran Toe				



## 5. Maintenance

1. Keep the surface of this tool and its accessories free of hydraulic fluid and grease. Use only a mild detergent and damp cloth when cleaning. Do not use a flammable or combustible solvent to clean this tool or its accessories.
2. Before each use, check the general condition of the tool and its

accessories. Check for loose components, misalignment, binding of moving parts, broken parts and any other condition that may affect its safe operation. Do not use a damaged tool or its damaged accessories.

3. Store the Pump with the Release Valve open.

4. Hydraulic Fluid Fill and Bleeding .

If the Pump operation feels spongy, or the Ram lowers while the Release Valve is closed, there may be air in the Pump. Bleed the Pump as follows:

- A. Set Pump flat on a level surface.
- B. Remove the Fill Screw . The O-ring should come off with it.
- C. The fluid level should be near the bottom of the opening. If required, add high grade hydraulic fluid.
- D. Make sure the O-ring is still in place around the Fill Screw and thread the Fill Screw into the Pump securely. Do not use thread seal tape.
- E. Firmly close the Release Valve by turning it clockwise.
- F. Press the tip of the Coupling against a hard surface and pump the pump handle.
- G. Continue pumping, until the hydraulic fluid coming out the end of the coupler tip is free of air bubbles.
- H. Recheck the fluid level and add fluid if necessary.
- I. Turn the Release Valve counterclockwise to release the pressure in the pump and hose.

5. Change the hydraulic fluid yearly. Remove the Fill Screw and tilt the Pump to drain out the old fluid. Refill the hydraulic fluid and bleed the system several times to ensure all air is out of the system.

## 6. Trouble shooting chart.

Stop using the equipment immediately if any of the problems occur, as it may cause personal injury . Any repairs or replacement must be done by a qualified person or an authorized service center only.

PROBLEM	POSSIBLE CAUSE(S)	SOLUTION
After the correct connection as per the operation manual, pump up the handle, the ram doesn't work in use.	1. the steel ball is immersed inside for too long time.	1. Please follow the steps: 1 )release the valve, pump up the handle for 10-15 times. 2) Close the valve, pump up the handle for another 5-10 times. 3) Repeat step 1) and 2)

		for about 3 three times, this problem will be settled.
After the correct connection as per the operation manual, pump up the handle, the ram goes up at first and then descends.	1. unlock of the valve.	1. Tighten the knob of the valve.
	2. Scrap iron inside the valve cause unable to be shut off.	2. Please follow the steps: 1) Release the pressure by turning the knob anti-clockwise pump up the handle 10-15times. 2) Close the valve. Pump up the handle 5-10 times. 3) Repeat the step 1) and 2), the problem will be settled
When use this equipment.after correctly connection as per operation manual, the ram is found gradient and the piston rod.curved.	1. Uncorrect of connection or unbalance of the footing	1. Stop work immediately, be sure of correct connection of the ram and the base, and put it on the hard ground. Always be secure of its vertical position.
<p>Maintenance:</p> <p>After using for 30-50 times, you need to change the hydraulic oil on the condition of the equipment not on working. Turn on the screw on the rear of the pump, empty the used hydraulic oil, then injection with fresh oil by oil gun, The recommended oil volume is stated below. Do not add oil excessively, or the piston rod can not be repositioned normally. If so, turn on the screw on the rear of the pump to discharge unwanted air, then tighten it after the piston rod is repositioned. Available capacity of hydraulic oil of 20Ton pump: 575g±5g.</p>		

**Importer:** WAITCHX

**Address:** 250 bis boulevard Saint-Germain 75007 Paris

**Importer:** FREE MOOD LTD

**Address:** 2 Holywell Lane, London, England, EC2A 3ET

**Manufacturer:** ZHEJIANG ZHONGXING MACHINERY  
MANUFACTURING CO.,LTD

**Address:** NANHU DAQIAO SHUANGLONG ROAD 3065  
JIAXING.ZHEJIANG.CHINA

**Made In China**



EUREP UK LTD  
UNIT 2264, 100 OCK STREET, ABINGDON  
OXFORDSHIRE ENGLAND OX14 5DH



EUREP GmbH  
Unterlettenweg 1a, 85051  
Ingolstadt, Germany

**VEVOR<sup>®</sup>**

E-mail: [CustomerService@vevor.com](mailto:CustomerService@vevor.com)