VEVOR®

TOUGH TOOLS, HALF PRICE

1/2" ,3/4"Air Impact Wrench(Twin Hammer) OPERATING MANUAL

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1/2" 3/4" Air Impact Wrench(Twin Hammer) OPERATING MANUAL

Model No.:RP9513 /RP7460/ RP7430

NEED HELP? CONTACT US!

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

CustomerService@vevor.com

This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves 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:

Upon receipt of the product, read and follow all safety rules, operating instructions before first use it. And retain this manual for future reference.

Technical Data

Category	RP9513	RP7430	RP7460
Drive Size	1/2-Inch	1/2-Inch	3/4-Inch
Max Loosening Torque	1400 ft-lbs	880 ft-lbs	1870 ft-lbs
Torque Control	√	√	√
Housing	Composite Material	Aluminum	Composite Material
Rubber Handle	√	√	√
Working Pressure	90-120 PSI	90-120 PSI	90-120 PSI
Avg. Air Consumption at 90 PSI	6.5 CFM	6.5 CFM	6.5 CFM
Weight	4.6 lbs	5.9 lbs	6.7 lbs
Rated speed	8000RPM	7500RPM	6500RPM

Important Safety Rules

⚠ Residual Risks

Even when the tool is used as prescribed, it is not possible to eliminate all residual risk factors. The following hazards may arise in connection with the tool's construction and design:

1. Damage to lungs if an effective dust mask is not worn. 

2. Damage to hearing if effective hearing protection is not worn. 

3. Comply with the European security certification. CE

4. Wear eye protection. 

5. Comply with UK safety certification. UK CA

6. Always ensure machine is switched off before connecting to air supply.

7. Disconnect any machine from the air supply before changing blades or discs, and before servicing any type of machine.

8. Always keep your air tool clean and lubricated. Daily lubrication is essential to avoid internal corrosion and possible failure.

9. Do not wear watches, rings bracelets or loose clothing when using air tools.

10. Using only light weight coil hoses from a tool to the wall or compressor coupling. Do not fit quick change couplings onto the machine as vibration can cause the coupling to fail.

11. Do not overload the machine. Allow the tool to operate at its optimum speed for maximum efficiency.

12. Do not increase the air pressure above the manufacturers recommended level, as excessive overload can cause the machine casing to split. Also this creates excessive wear on moving parts and possible failure.

13. In the interests of safety and possible damage to the machine/operator, always ensure that the machine has stopped before putting it down after use.

14. Always ensure that the work piece is firmly secured leaving both hands free to control the machine.

15. Always ensure that the accessories such as blades, discs, sockets, etc. are designed for use with the machine. Also correctly and securely fastened before connecting the machine to the air supply.

Operating Instruction

Description

The durable twin hammer impact wrench mechanism features pressure-feed lubrication, adjustable power regulator, variable speed, high torque, side exhaust, sheer power, and performance to tackle the toughest jobs with ease to proven durability and economy.

Air supply

1. Ensure wrench air valve (or trigger) is in the “off” position before connecting to the air supply.

2.You will require an air pressure of 90psi, and an air flow according to specification.

3. **WARNING!** Ensure the air supply is clean and does not exceed 90psi while operating the wrench. Too high air pressure and unclean air will shorten the product life due to excessive wear and may be dangerous, causing damage or personal injury.

4.Drain the air tank daily. Water in the air line will damage the wrench.

5.Clean air inlet filter weekly.

6. Line pressure should be increased to compensate for unusually long air hoses (over 8 meters). The hose diameter should be 3/8" I.D.

7.Keep the hose away from heat, oil, and sharp edges. Check the hose for wear, and make certain that all connections are secure.

Lubrication

An automatic in-line filter-regulator-lubricator is recommended (Fig4) as it increases tool life and keeps the tool in sustained operation. The in-line lubricator should be regularly checked and filled with air tool oil.
Proper adjustment of the in-line lubricator is performed by placing a sheet of paper next to the exhaust ports and holding the throttle open for approximately 30 seconds. The lubricator is properly set when a light stain of oil collects on the paper. Excessive amounts of oil should be avoided.

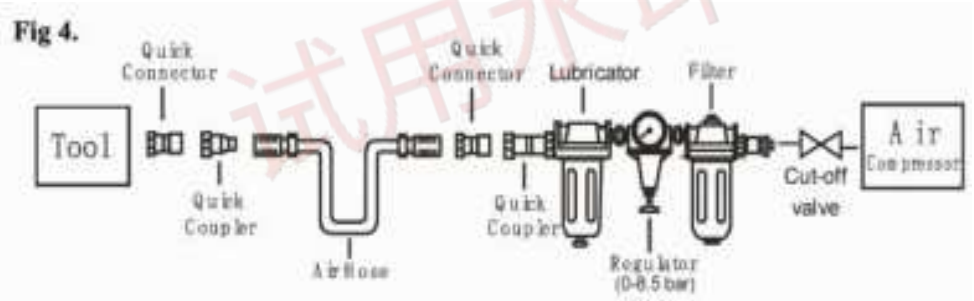
In the event that it becomes necessary to store the tool for an extended period of time (overnight, on weekends, etc.), it should receive a generous amount of lubrication at that time. The tool should be run for approximately 30 seconds to ensure the oil has been evenly distributed throughout the tool. The tool should be stored in a clean and dry environment.

- It is most important that the tool be properly lubricated by keeping the air line lubricator filled and correctly adjusted. Without proper lubrication the tool will not work properly and parts will wear prematurely.

- Use the proper lubricant in the air line lubricator. The lubricator should be of low air flow or changing air flow type, and should be kept filled to the correct level. Use only recommended lubricants, specially made for pneumatic applications. Substitutes may harm the rubber compounds in the tools O-rings and other rubber parts.

MORE IMPORTANTLY!!!

If a filter/regulator/lubricator is not installed on the air system, air operated tools should be lubricated at least once a day or after 2 hours work with 2 to 6 drops of oil, depending on the work environment, directly through the male fitting in the tool housing.



Loading and operation

WARNING: Please read, understand and apply safety instructions before use.

1. Only use impact sockets that are specifically designed for use with an impact wrench.

2. Connect the wrench to the air hose.

3. Place the socket over the subject nut and depress the trigger to operate the wrench.

4. To change direction, push the button at the top of the handle. The direction of .R. for reverse and “F” for forward

5. The flow of air may be regulated by adjusting a flow valve at the base of the handle.

DO NOT use any additional force upon the wrench in order to remove a nut.

DO NOT allow the wrench to free run for an extended period of time, as this will shorten its life.

Maintenance

WARNING: Disconnect wrench from air supply before changing accessories, servicing or performing maintenance. Replace or repair damaged parts. Use genuine parts only. Non-authorized parts may be dangerous.

1. Lubricate the air wrench daily with a few drops of air tool oil dripped into the air inlet

2. DO NOT use worn, or damaged sockets.

3. Loss of power or erratic action may be due to the following:
   a) Excessive drain on the air line. Moisture or restriction in the air pipe. Incorrect size or type of hose connectors. To remedy check the air supply and follow instructions .
   b) Grit or gum deposits in the wrench may also reduce performance. If your model has an air strainer (located in the area of the air inlet), remove the strainer and clean it..

4. When not in use, disconnect from air supply, clean wrench and store in a safe, dry, childproof location.

Trouble Shooting

The following form lists the common operating system with problem and solutions. Please read the form carefully and follow it.

WARNING: If any of the following symptoms appear during your operating, stop using the tool immediately, or serious personal injury could result. Only qualified persons or an authorized service center can perform repairs or replacement of tool.

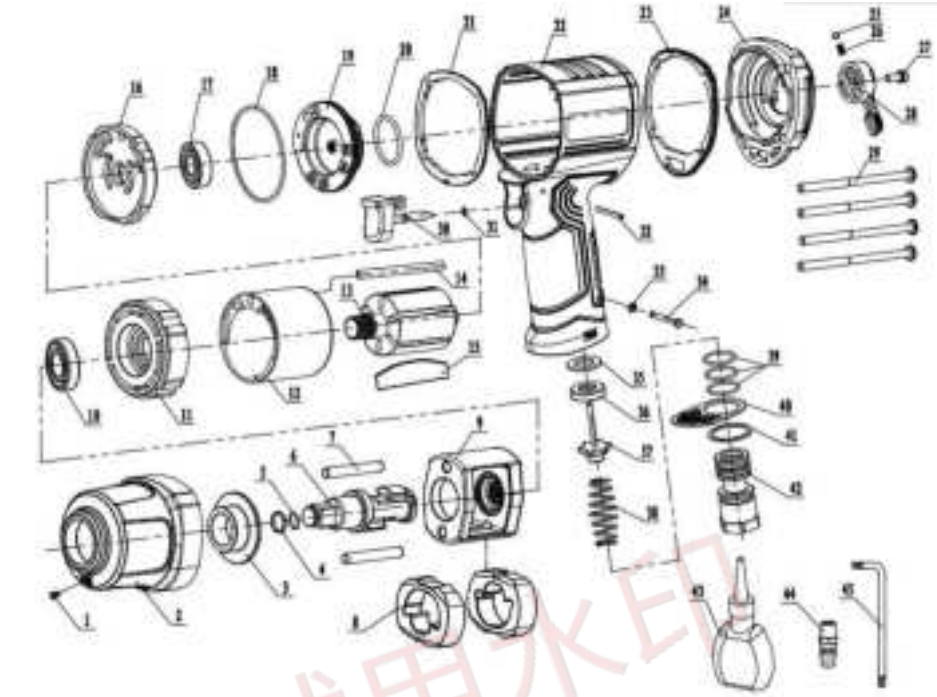
Disconnect tool from air supply before attempting repair or

adjustment. When replacing O-rings or Cylinder, lubricate with air tool oil before assembly.

PROBLEMS	POSSIBLE CAUSES	REMEDIES
Tool runs at normal speed but loses under load	▪ Motor parts are worn. ▪ Cam clutch is worn or sticking due to lack of lubricant.	▪ Lubricating clutch housing. ▪ Check for excess clutch oil. Clutch cases need only be half full. Overfilling can cause drag on high speed clutch parts, ie. a typical oiled/lubricated wrench requires 1⁄2 ounce of oil. **GREASE LUBRICATED:NOTE:** Heat usually indicates insufficient grease in chamber. Severe operating conditions may require more frequent lubrication.
Tool runs slowly. Air flows slightly from exhaust	▪ Motor parts jammed with dirt particles ▪ Power regulator in closed position ▪ Air flow is blocked by dirt.	▪ Check air inlet filter for blockage. ▪ Pour air tool lubricating oil into air inlet as per instructions. ▪ Operate tool in short bursts quickly reversing rotation back and forth where applicable. ▪ Repeat above as needed.
Tools will not run. Air flows freely from exhaust	▪ One or more motor vanes stuck due to material build up.	▪ Pour air tool lubricating tool into air inlet. ▪ Operate tool in short bursts of forward and/or reverse rotation where applicable. ▪ Tap motor housing gently with plastic mallet. ▪ Disconnect supply. Free motor by rotating drive shank manually where applicable
Tool can not shut off	▪ ‘O’ rings throttle valve dislodged from seat inlet valve.	▪ Replace ‘O’ ring.
Note: Repairs should be carried out by a qualified person.		

Parts list

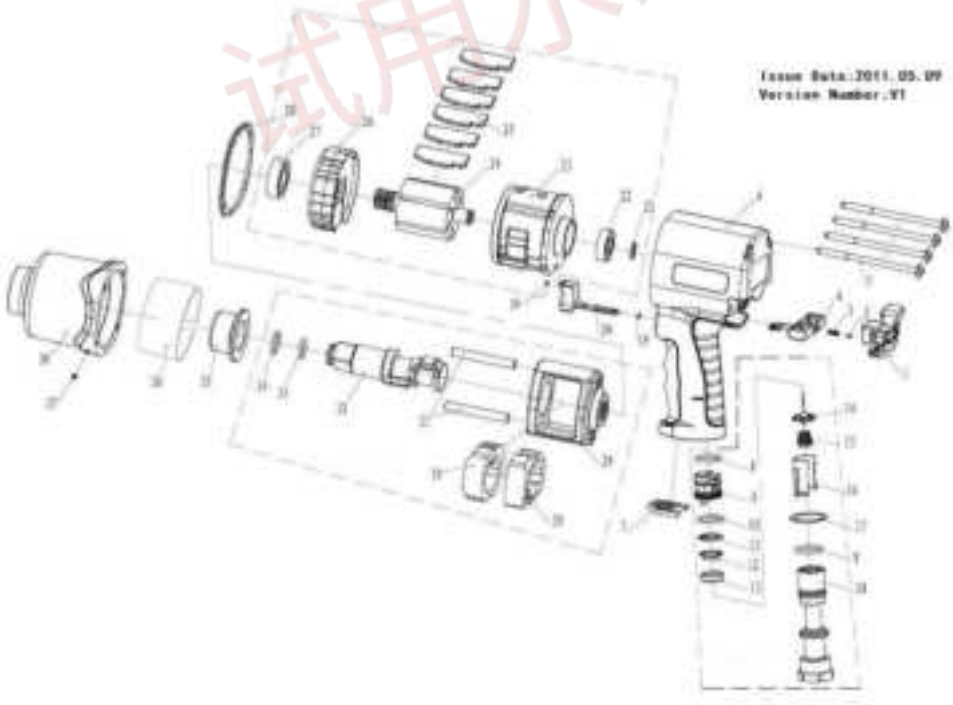
1.RP9513



No.	Description	Qty	No.	Description	Qty
1	Oil Inlet cup	1	12	Cylinder	1
2	Body cover	1	13	Rotor	1
3	Anvil bushing	1	14	Pin	1
4	Retainer	1	15	Vanes	6
5	O-ring	1	16	Rear cover	1
6	Anvil	2	17	Bearing	1
7	Hammer Pin	2	18	O-ring	1
8	Hammer Dog	2	19	Regulator	1
9	Hammer Cage	1	20	O-ring	1
10	Bearing	1	21	Sealing washer	1

11	Front cover	1	22	Body housing	1
No.	Description	Qty	No.	Description	Qty
23	Washer	1	34	Pin	1
24	End cap	1	35	Gasket	1
25	Steel ball	1	36	Plug	1
26	Spring	6	37	Switch pin	1
27	Bolt M4x10	1	38	Spring	1
28	Regulating knob	1	39	O-ring	1
29	Bolt M5	4	40	Exhaust cap	1
30	Trigger	1	41	Washer	1
31	O-ring	2	42	Air inlet	1
32	Pin	1	43	Oil	1
33	Snap retainer	2	44	Air quick connector	1
			45	T wrench	1

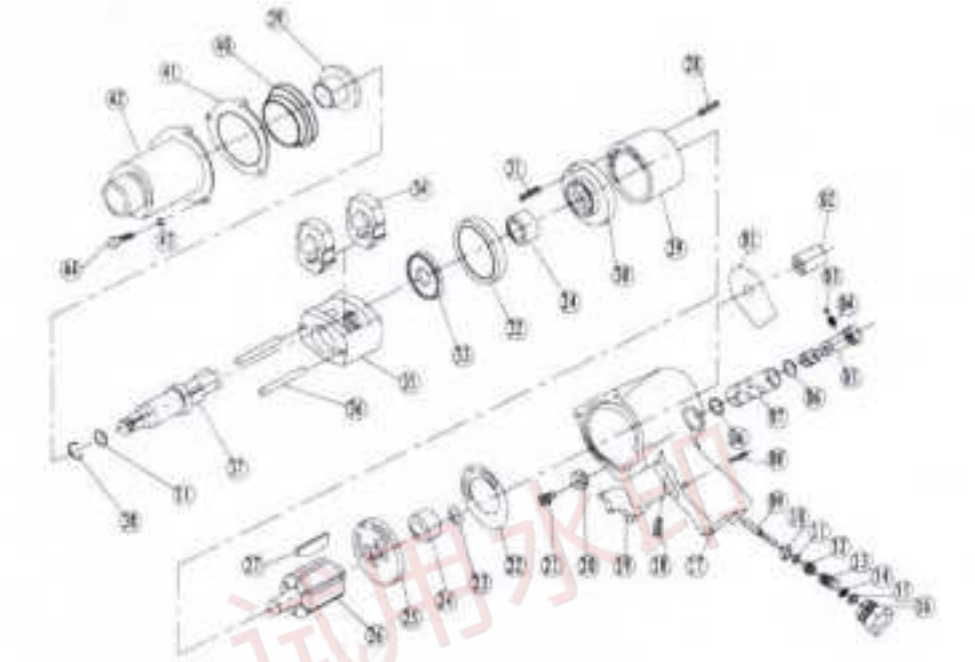
2. RP7460



No.	Description	Qty	No.	Description	Qty
1	Valve cover	1	21	seal 12	1
2	Bearing 3.5	1	22	BUshing	1
3	Level spring	1	23	Cylinder	1
4	Reverse valve	1	24	Rotor	1
5	Bolt	4	25	Rotor blade	6
6	Cage	1	26	Cylinder cover	1
7	ExhaUst cap	1	27	BUshing	1
8	o-ring 19*2.65	2	28	seal	1
9	Reverse Valve	1	29	Hammer cage	1
10	o-ring 21*1.9	1	30	Hammer pin	2
11	seal 21	1	31	Hammer plate	2
12	Plug cover	1	32	Anvil	1
13	PlUg	1	33	o-ring 11.2*2.65	1
14	Valve assembly	1	34	seal	1
15	Valve spring	1	35	BUshing	1
16	spring	1	36	steel bUshing	1
17	seal	1	37	Priming cUp	1
18	Inlet connector	1	38	Cage cover	1

19	o-ring 3.5*1	1	39	Bearing 3	4
20	Trigger	1			

3. RP4730



No.	Description	Qty	No.	Description	Qty
1	warning Label	1	12	Valve stem screw	1
2	oil 1nlet cup	1	13	1nlet spring	1
3	steel ball	1	14	filter	1
4	Adj. spring	1	15	washer	1
5	Regulating screw	1	16	Air 1nlet Plug	1
6	o- ring	2	17	Housing	1
7	Valve sleeve	1	18	Tapered screw	1
8	Pin	1	19	Trigger	1
9	Valve stem	1	20	Adj. screw Cap	1

10	Throttle valve bushing	1	21	Bolt	1
11	o- ring	1	22	seal washer	1
No.	Description	Qty	No.	Description	Qty
23	Retainer ring	1	34	Hammer Dog	1
24	Bearing	1	35	Hammer Cage	1
25	End Plate	1	36	Hammer Pin	1
26	Rotor	6	37	Anvil	1
27	Rotor Blade	1	38	Retainer o. ring	1
28	Pin	1	39	Hammer Bushing	1
29	Cylinder	1	40	Gasket	1
30	Front Plate	1	41	Gasket	1
31	Pin	2	42	Hammer Case	1
32	Gasket	1	43	Washer	3
33	Washer	2	44	Bolt	3

Note: Please contact with us if customer need to know parts material.

If you need spare parts of this model, please feel free to contact us or the distributor where you bought this tool.