

VEVOR[®]

TOUGH TOOLS, HALF PRICE

Technical Support and E-Warranty Certificate
www.vevor.com/support

Fence Post Driver

MODEL: JH-68

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.

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NEED HELP? CONTACT US!





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

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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.

For your safety, please read the manual carefully before using the machine, otherwise physical injury or mechanical damage may be caused.

Part List			
NO.	Name	Picture	Qty.
①	Φ55 Socket sleeve		1
②	Φ70 Socket sleeve		1
③	Priming funnel		1
④	Strainer		1
⑤	4 hex wrench		1
⑥	5 hex wrench		1
⑦	6 hex wrench		1
⑧	“—” and “+” conversion screwdriver		1

⑨	Spark plug socket		1
⑩	8-10 non-adjustable wrench		1
⑪	Measuring cup		1
⑫	Oil hole wrench		1
⑬	Gloves		1
⑭	Glasses		1
⑮	product		1

1.Name of Main Parts

No.	Name of Part	No.	Name of Part	No.	Name of Part
1	Auxiliary handle	8	Oil hole	15	Iron head
2	Throttle switch	9	Cover		
3	Handle	10	Flameout switch		

4	Cylinder case	11	Throttle cable		
5	Piling socket	12	Air filter		
6	Ventilation door	13	Oil tank cap		
7	Starter	14	Support plate		

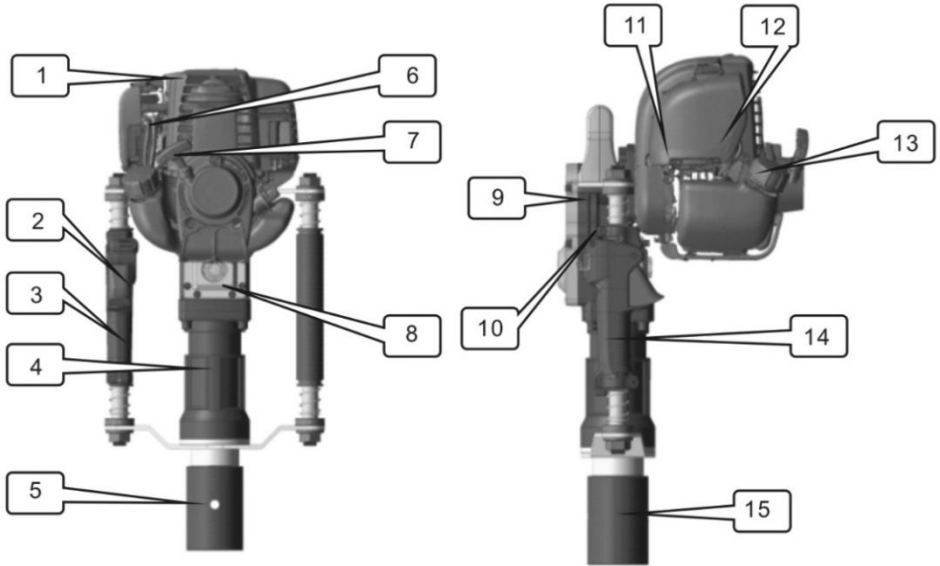


Fig 1

Fig 2

2.Instruction of safe operation

1. The operator need wearslip-resistant safety shoes.Appropriate clothing.Wear goggles and helmet,wearcarplugsfor a long timeoperation.
2. Balance body when you operationthe machine.The user should stand behind the supporthandleto operate prohibit smoking,eating and chatting when you operate the machine.
- 3.After starting the machine,avoid to operation for single hand.
- 4.When you lift machine,the first control you need dial to reach the minimum scale,let the machine to slowdown.

5. Tell idlers away from the work area avoid injury. The process of using machine may lead to gravel flying to idler.
6. Select medium-speed gasoline pile driver to run for the best.
7. Maintain the handles dry, clean, no oil or fuel mixture.
8. Stop the operation midway; you must turn off the engine.
9. Every time please check normal fastening screws of the connector before using. If loose, you must tighten the screws to use.
10. This engine is four-stroke, so using the equal over 90# gasoline
11. Gasoline is highly flammable, so to refuel in a well ventilated environment. When you add oil, please stop gasoline engine.
12. Do not add oil too full. Do not leave the fuel filler in neck part of machine. If overflow or spilled fuel wait the fuel all volatilize, then you can start machine.
13. After refueling, tighten the oil lid. Please check frequently whether the fuel tank is damaged to leak, if found damaged, please stop and replace immediately.
14. Reserve oil in storage areas. Remove all the root causes of fire or cause sparks.
15. In closed areas, such as tunnels, trenches and deep groove in the work environment when using gasoline pile driver to ensure sufficient fresh air, exhaust gas containing carbon monoxide dangers, should bring electric fan for air flow.
16. Forbid quickly accelerate or brake, so as not to damage the machine.
17. Transfer site long-distance transport, should be emptying the tank.
18. Prohibit substandard maintenance staff dismount gasoline pile driver, to avoid structural damage to parts, resulting in shortened life of gasoline pile driver and accidents.

3. Main Use and Function

Use

It can use in farm, orchard fence or barrier of piling works.

Features

1. It is the world's lightest weight, lowest displacement engine type handheld gasoline pile driver.
2. It has ergonomics design, minimizing the hands of vibration, has significant control of convenience and comfortable, the operator can shovel digging a 360 degree rotation.
3. It can regulate the number of impact energy and impact, apply for a variety of pile less than 70mm in diameter.
4. Advantage: If you use our machine, then you can ignore the trouble of the heavy equipments like diesel engine, air compressor, trucking-lorry.
5. The handle of machine is with rubber sponge, greatly reduce the recoil force of the machine, and improve the comfortable for the user.

4.Prepared work before using

Fuel

- 1 Using the equal or over 90# gasoline.
- 2 Well-ventilated place to add fuel.
- 3 Don't fill the tank too full. (Please note: the oil must not exceed the MAX mark. See figure A:). Do not leave fuel in the neck. If there is a fuel spill, remove or evaporate it completely before starting the gasoline engine.
- 4 After refueling, tighten the fuel tank cap.

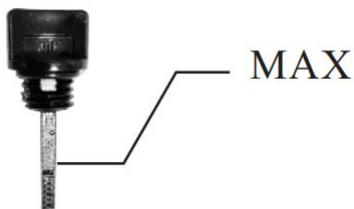


figure A

5.Start

1. Before first starting of the new machine, repeat press the transparent fuel bubble (See Fig.3) to fully fill the Carburetor with fuel.

(Close the air vent when the engine is in the state of cooling, but open the air vent only when the engine is heated).

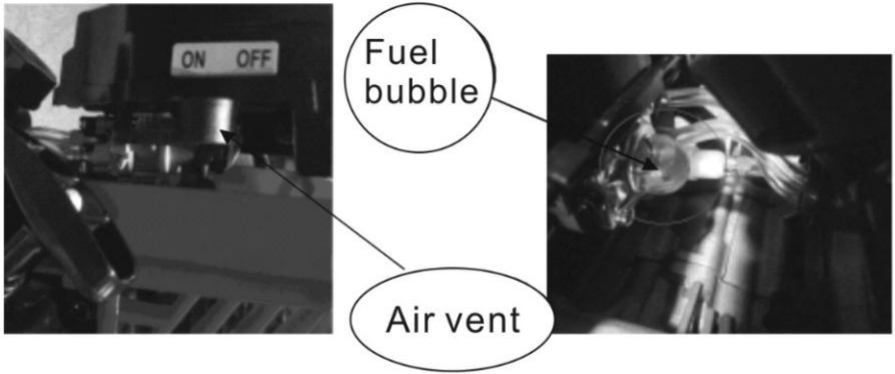


Fig 3

2. Before working, the piling socket should be swirled into the iron head (see Fig 4).



Fig 4

3. Stand the machine on the floor (figure B). Hold the handle with one hand and quickly pull the elastic rope about 10cm. Please repeat this action until the engine is running. Hold the drawing handle with the other hand for about 10cm, as shown in figure C). During repeated drawing, do not allow the drawing handle to return freely, but hold the drawing handle and lower it with its elasticity to protect the starter (figure D).

4. Open the air vent completely when the gasoline engine is started.



figure B



figure C



figure D

6.Run

1.After gasoline engine start,it should be lowspeed for 3 to 5 minutes,warm-up operation for the machine.When the gasoline engine warm enough,according to the required impact energy to pull appropriate regulatoryposition.

Note:the new gasoline pile driver use of the first 24 hours,the workload should be in low or medium-speed inorder to extent the service life.Do not use the biggest speed accelerator.

3.Select medium-speed gasoline engine run for the best.

4.Prohibit use gasoline pile driver under the non-breaking with high speed operation.

7.Stop machine

1.Pull scale position 0,idle running for 3-5 minutes.

2.Press the flameout button to stop,flameout button see Fig.1

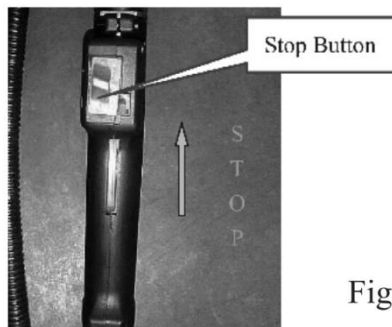


Fig 5

8. Technical Maintenance

8.1 Air Filter

Check air filter regularly. Soot deposit blocking the filter element of the air filter will reduce the power of gasoline engine and service life. If the filter has too much soot deposit, clean it with warm water and detergent, and then install the air filter after wiping it with dry cloth. Filter should be replaced if damaged. Maintenance cycle shall be shortened properly if it's particularly used in the dusty environment.

8.2 Fuel filter

If the fuel filter is blocked, the pile driver will have reduced speed and weaker impact energy. Methods: ① Open the oil can lid. Get out the fuel filter from the oil can with metal hook and clean it. ② When cleaning the fuel filter.

8.3 Carburetor

Oil can and carburetor generally have residual oil. After some time, the residual oil will become greasy oil which will block up the oil line, causing incapability of starting the engine. Therefore, when the machine is not used for more than one week, be sure to completely take the fuel out. Method: Pull out the oil inlet pipe, press the fuel bubble of the carburetor repeatedly for oil discharge, and press the oil inlet pipe back to its position when fuel in the fuel bubble and oil return pipe is emptied.

8.4 Spark Plug

To ensure normal operation of the engine, the spark plug gap must be proper. Remove sediment with a wire brush. Proper gap of the spark plug is 0.5-0.7 mm. See Fig.6

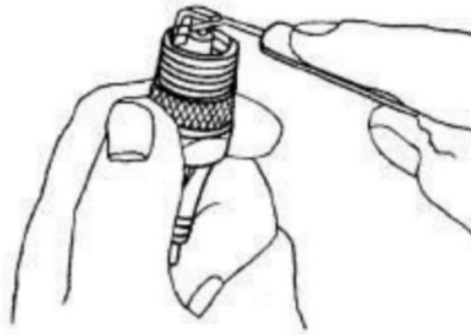


Fig.5

8.5 Muffler

Regular maintenance muffler,use a screwdriver to remove rubbish on the body or the rubbish on the coke mufflexhaust.

8.6 Gearbox Lubrication

The factory put the grease on the gear box when leaving the factory,it can support to work 36hours.Clients do not need to add more during the 36 hour,or else,the pile driver will not workUsing 1#-1.5#high temperature grease.Adding 20-30g grease when the working hours are morethan 36 hours.

Open the gear box cover,lubricated the gear and theconnecting rod regularly with lubricating grease.

Open the hammer socket,lubricated the piston,impact hammer regularly with lubricating grease.

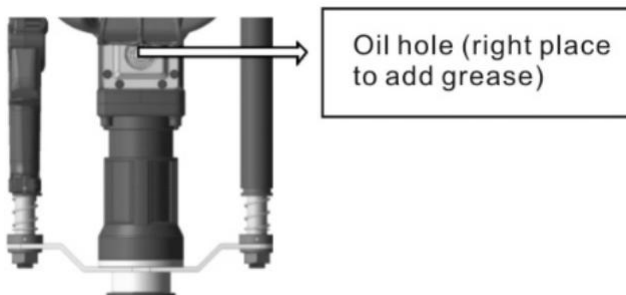


Fig6

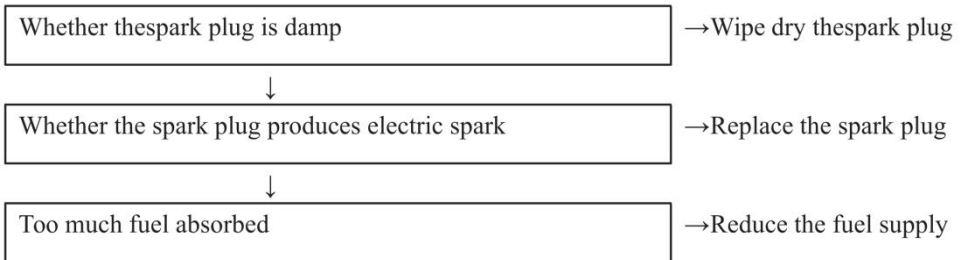
7.The cylinder heat sink

Regularly to remove dust,to ensure the cylinder cooling,this gasoline pile driver is air-cooler type,if the cylinder dust accumulates on the heat sink will directly affect the cooling effect.

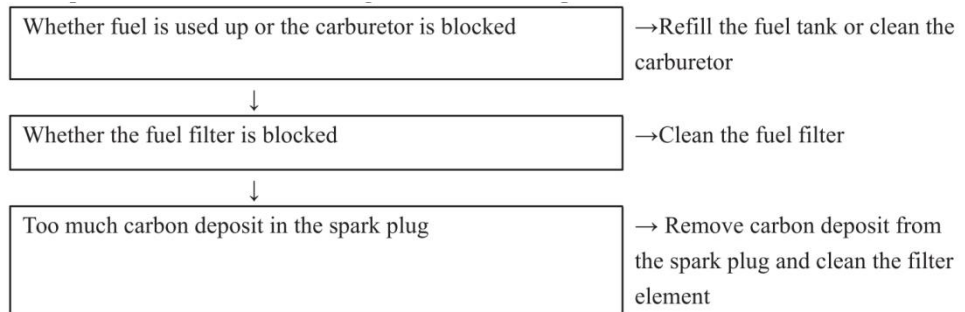
8.Failure Analysis and Its Eliminating Methods

Problem analysis and solving

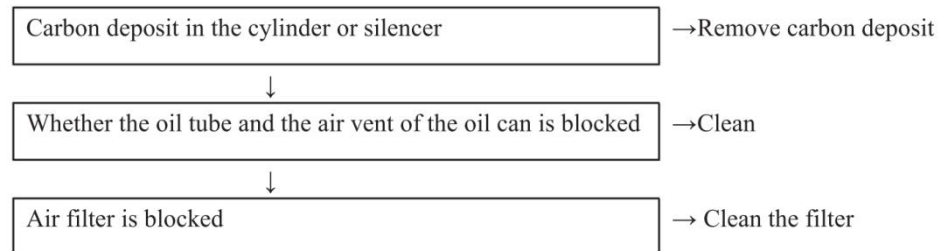
Example 1: Difficulties in starting engine in cooling state.



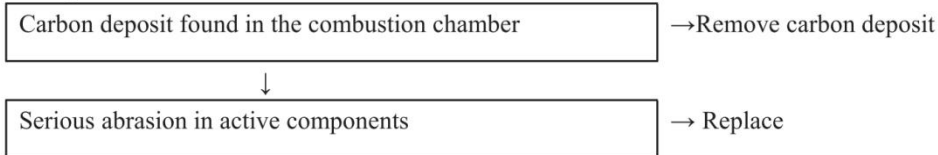
Example 2: Difficulties in restarting after sudden stop.



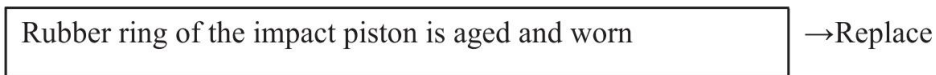
Example 3: Slow speed and weak power.



Example 4: Abnormal sound.



Example 5: The machine is working normally but the work efficiency is very low.



Please contact with local sales agent or contractual maintenance site for maintenance.

10.Key Data of Product

Model	JH-68
Fuel	Gasoline/4 stroke engine oil
Oil can capacity	0.65L
Displacement	37.7cc
Rated power	1kW
Rated speed	6500r/min
Impact frequency	2400-3000BPM
Impact energy	20-35J
Starter system	Hand pull start

11.Maintenance Cycle

<p>The following Data are given from the common use of the product.Under worse working conditions such as dusty environment or long work hours of the pile driver,the maintenance cycle should be shortened correspondingly.</p>	Before work
	After work or every day
	Aher Filling oi
	Every Week
	Every Month
	Temporary Failure
	If necessary

The whole machine	Outlook check (state,tightness of screws)	√		√				
	Clean		√					
Control handle/stop button	Function check	√		√				
Air Filter	Clean				√			√
	Replace						√	
Fuel Filter	Check					√		
	Replace						√	
Oil can/Oil can cover	Clean		√	√				
	Check	√		√				
	Tighten							√
Reduction Gear Box/Impact Cylinder	Clean					√		
	Add oil							√
Silencer	Check					√		
	Remove carbon deposit							√
Cylinder Cooling Fin	Check					√		
	Clean							√
Spark Plug	Check/Adjust the distance between electrodes					√		
	Replace							√
Screw and Nut	Check	√		√				
	Tighten							√

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