

VEVOR[®]

TOUGH TOOLS, HALF PRICE

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

Fence Post Driver

MODEL: JH-65

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	Φ45 Socket sleeve		1
②	Φ55 Socket Sleeve (Have been assembled)		1
③	Φ88 Socket Sleeve		1
④	Priming funnel		1
⑤	Strainer		1
⑥	4 hex wrench		1

⑦	5 hex wrench		1
⑧	6 hex wrench		1
⑨	“—” and “+” conversion screwdriver		1
⑩	Spark plug socket		1
⑪	8-10 non-adjustable wrench		1
⑫	Measuring cup		1
⑬	Spark plug		1
⑭	Tool Box		1
⑮	product		1

1.Name of Main Parts

No.	Name of Part	No.	Name of Part	No.	Name of Part
1	Combination Switch	2	Stop Button	3	Spark Plug Cap
4	Ventilation Switch	5	Oil Can	6	Handle Rack
7	Fuel Bubble	8	Throttle Knob	9	Throttle Button
10	cylinder case	11	Piling Socket	12	Piling Socket Retainer
13	Support Plate	14	Handle Sleeve	15	Grease Cap
16	Positioning Sleeve	17	Starter	18	Oil Can Cap
19	Air Filter	20	Damping Spring	21	Throttle cable

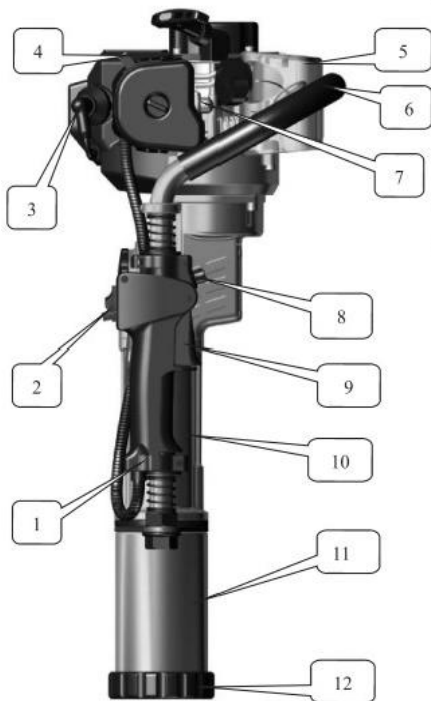


Fig 1

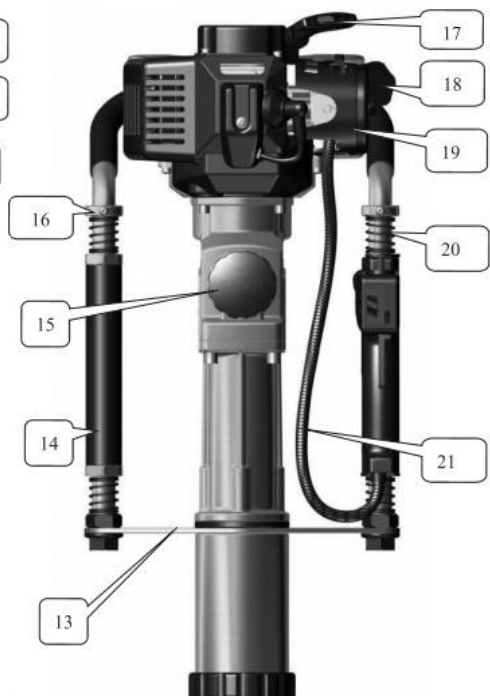


Fig 2

2. Description of Safe Operation

1. The operator must wear slip-resistant safety shoes and suitable clothing. For long-time operation, he or she must wear a goggle, a helmet, and earplugs.
2. While operating the machine, please keep balance of the body, and stand in front of Air Filter to operate the machine. The operator shall not smoke, eat or chat while operating the machine.
3. After starting the machine, do not operate it with one hand.
4. When lifting the machine do not pull the throttle button, which will cause the machine to run at idle.
5. Non-staff shall be away from the operation area to avoid injuries.
6. Operate the pile driver at the medium speed.
7. Keep the handle dry and clean without greasy oil or fuel mixture.
8. If operation is stopped midway, be sure to turn off the engine.
9. Be sure to check whether fastening screws of the connector is tightened before use. If it's loose, it's necessary to tighten the screws before use.
10. Prohibit the use of pure gasoline fuel (no two-stroke oil), shall refer to Chapter 4.2 for recommended ratios of fuel.
11. Gasoline is highly flammable. Therefore, replenish fuel in a well-ventilated environment. During fuel filling gasoline engine must be turned off.
12. Do not add too much oil. The oil shall not exceed the neck of oil filler of fuel tank. If fuel spills, start the machine after fuel on the machine volatilizes completely.
13. After refueling, tighten the oil lid. During work, check whether oil can is damaged and spills frequently. If damage is found, close down the machine immediately for replacement.
14. Reserve oil in storage areas. Remove hidden troubles of fire or open flame.
15. While the pile driver is used in closed areas such as tunnels, trenches and deep groove, it's necessary to guarantee normal air circulation to avoid waste gas poisoning and suffocation.
16. Forbid quick acceleration or braking so as not to damage the machine.

17. Before transport, empty fuel inside the fuel tank to avoid leakage.
18. Non-professional maintenance staff are prohibited from dismounting the pile driver to avoid structural damage of parts, shortened service life of the pile driver or accidents.

3. Main Use and Function

3.1 Use: It can be used for outside piling operation of farms, orchard fences or barriers.

3.2 Function

3.2.1 It is the engine-type handheld gasoline pile driver which boasts light weight and low discharge capacity.

3.2.2 The product conforms to the design of man-machine engineering, reduces working strength of the operator to the greatest extent, and boasts simple and comfortable operation. The operator can achieve 360° all-around operation.

3.2.3 It can regulate impact energy and impact frequency and apply to a variety of piles less than 88mm in diameter.

3.2.4 Advantage: Save the trouble of using heavy machines such as generator, air compressor and trucking-lorry.

3.2.5 The operating handle of the machine is rubber and plastic sponge handle which can greatly reduce the recoil force of the machine. It's installed with two-way damping spring which makes the user more comfortable.

4. Preparation before Use

4.1 Piling Socket

4.1.1 Install or change piling socket retainer, Select a corresponding retainer according to the sizes of the piling of 45mm、55mm、88mm, as it's shown in Fig.3.

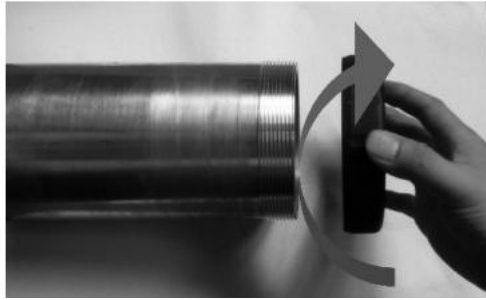


Fig 3

4.2 Engine Oil

Quality standard for general 92 gasoline and four stroke engine oil

The recommended ambient temperature for this machine is -15°C - 40°C .APL classification is recommended SE.SF.SG Grade equivalent SAE 10W-30/40 oil

4.2.1 it is forbidden to use two-stroke engine oil or non four stroke engine oil to damage the engine.

4.2.2 add fuel in a well ventilated place away from open fire

4.2.3 when adding fuel,please do not exceed the neck of the fuel tank filler.If there is fuel or oil

spillage,wipe it clean and wait until it volatilizes completely before starting the oil.

4.2.4 tighten the fuel tank cap after refueling

Inspection and supplement of engine oil:

A.No oil or insufficient oil can cause serious machine damage.

B.Be sure to check the oil level when the machine is stopped.

C.If the engine oil is too dirty,it needs to be replaced with new engine oil for maintenance.Generally,the engine oil should be replaced 20 hours after the first use and 50 hours later.

a.Stand the machine on the ground,screw off the oil level gauge and check the oil level:the oil level should reach the upper limit mark on the oil level gauge.(see Figure 11)

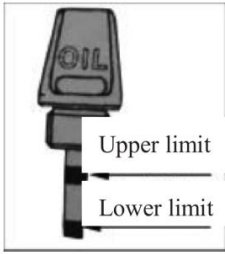


Figure 11

Engine Oil
filler

5.Starting

5.1 Before starting the new machine,press the transparent and semi-circle fuel bubble repeatedly(Fig.4)until carburetor is filled with fuel.(If the engine is cool,close the air door.Open air door after starting.)

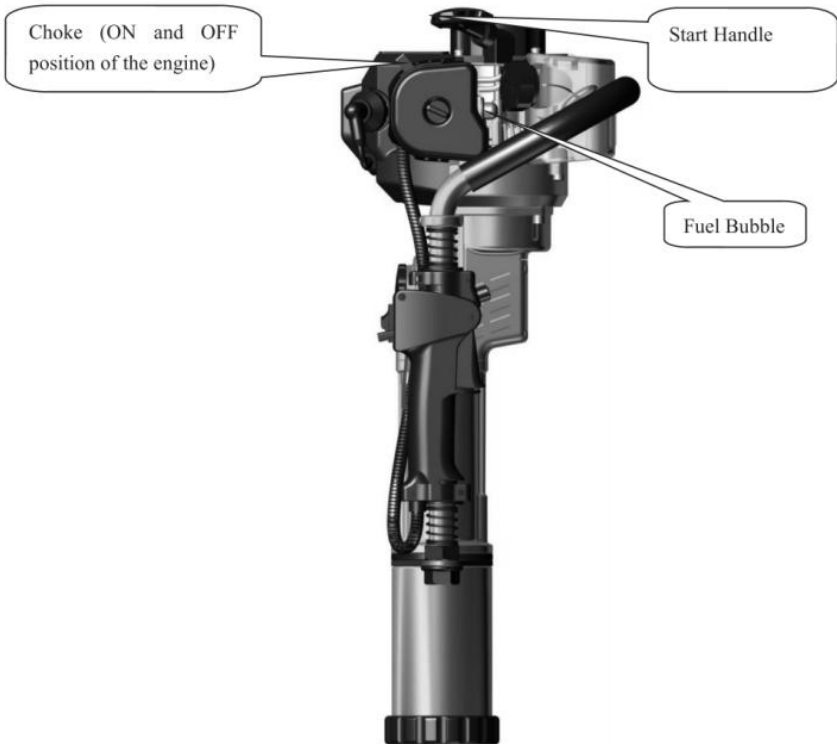


Fig 4

5.2 Set the machine upright according to Fig.4.Hold the upper part of the handle tightly with one hand while the other pulls the pulling handle of starter for over 50cm quickly.Do not let the pulling handle go back freely in repeated pulling but hold it tightly to avoid injury resulting from quick resilience.

5.3 Start the gasoline engine and then open air door completely.After idle operation for 5 minutes,start normal work.

6.Operation

6.1 After gasoline engine is started,first carry out idle operation for 5 minutes to warm up the machine.

6.2 When the gasoline engine is warmed up,press throttle button to the appropriate regulatory position according to the required impact energy

Note:The new gasoline pile driver use shall mainly boast low or medium-speed for work in the first 20 hours of the operation and the maximum throttle shall no be used in order to extend the service life.

6.3.Operating speed of gasoline engine shall be low or medium speed.

6.4.High-speed operation of the pile driver during non-piling is prohibited.

7.Turning off the Machine

7.1 Release throttle button and carry out idle running of the machine for 3-5 minutes.

7.2 Pull Stop Button to the position of flameout.See the position of Stop Button in Fig.5.

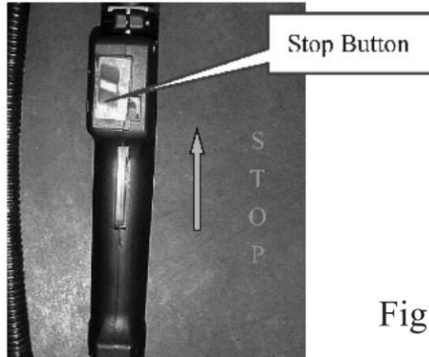


Fig 5

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, clean the oil can at the same time as it's shown in Fig. 6, 7 and 8.



Fig 6



Fig 7



Fig 8

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.9

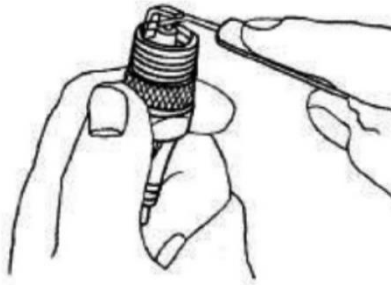


Fig 9

8.5 Silencer

Regularly remove dirt on inlet and outlet of the muffler, or clean dirt in it with detergent.

8.6 The cylinder cooling fin Regularly remove dust to ensure timely cylinder cooling. The gasoline pile driver is air-cooler type. If dust accumulates on the cylinder heat sink, the cooling effect will be influenced directly which will cause bugs of the gasoline pile driver.

8.7 lubrication

The factory put the grease on the gear box when leaving the factory, Clients do not need to add more, or else, the pile driver will not work, After the accumulated working hour reaches 30 hours, it is necessary to add 20-30g grease. See Fig.10.

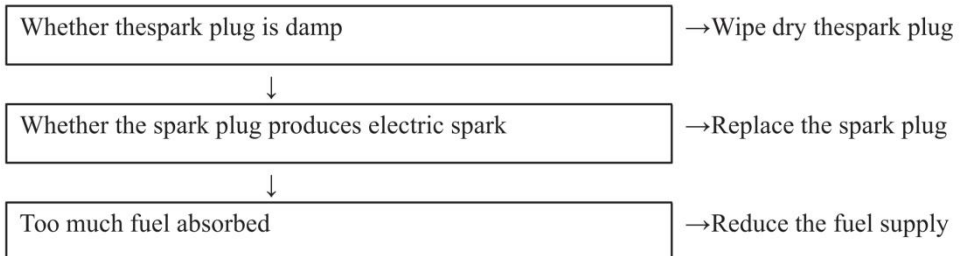


Fig 10

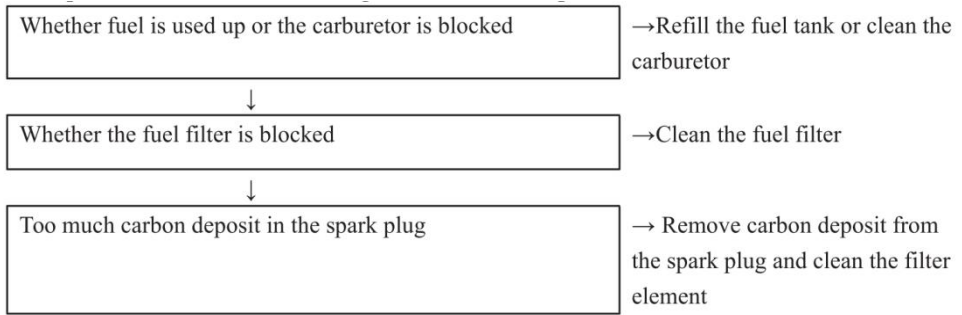
9.Failure Analysis and Its Eliminating Methods

Problem analysis and solving

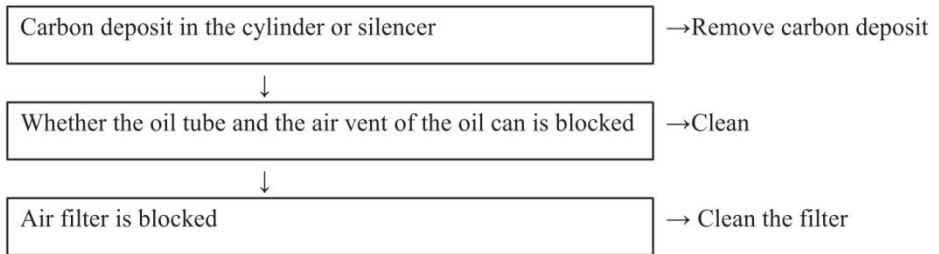
Example 1: Difficulties in starting engine in cooling state.



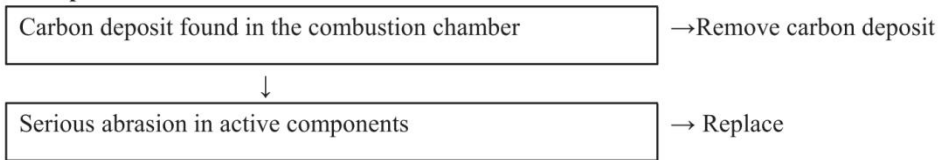
Example 2: Difficulties in restarting after sudden stop.



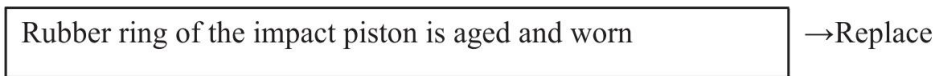
Example 3: Slow speed and weak power.



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-65
Fuel	Gasoline/4 stroke engine oil
Oil can capacity	0.65L

Displacement	37.7CC
Rated power	1kW
Rated speed	6500r/min
Impact frequency	1500-2000BPM
Impact energy	35J
Starter system	Hand pull start

11.Maintenance Cycle

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.		Before work	After work or every day	Aher Filing 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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