CORDLESS TILLER CULTIVATOR

USER MANUAL



HP-DLT22A-ODB

If you encounter any issues while using the product, please reach out to us at the following email.

support_heinpro@yeah.net

Notice: The product is intended for household use.

BATTERY AND CHARGER NOT INCLUDED

Important!
Safety instructions

All operators must read these instructions before using them

Always follow these safety guidelines. Failure to do so may result in serious bodily injury or death.

General safety warning!

You and any other operator of this power tool must fully read, understand and follow these instructions. Failure to follow these instructions may result in electric shock, fire and/or serious personal injury.

Please note the personal safety warning symbol used in this manual to alert you to the warnings associated with the specific operating manual. This means that the operation requires special attention, caution and awareness.

Warning! This unit can be dangerous! Careless or improper use can cause serious injury.

Warning! The rotating blade will cut you. Keep your hands and feet away from the blade and cutting area.

Before using a power tool, familiarize yourself with the controls, especially how to stop the power tool in an emergency. The only people who should use power tools are those who fully understand the instructions and know how to use the device properly. Children should never use power tools.

Keep this manual for future reference and re-read it at the beginning of each season.

1. Keep the work area clean and bright-messy, dark areas can cause accidents.
2. Spare Parts-Use only the same spare parts when repairing this appliance.
3. Keep children, onlookers and pets away-All onlookers, including pets, should maintain a safe distance from the workplace.
4. Know your product-know how to start and stop machines. Be familiar with control. Before use, make sure that the control (Start/stop) is working properly.
5. Use the right tool-Do not use this power tool for any work other than the intended one.
6. Dress decently-do not wear loose clothing or jewelry as these items can get stuck by moving parts.Contains a protective cover for long hair. When working outdoors, it is recommended to wear rubber gloves and sturdy, non-slip shoes.
7. Avoid accidental starting-Do not hold your fingers on the switch when carrying power tools.

Watch out! After the machine is switched off, the moving parts continue to run for a few seconds.

8.Moving Parts-Keep hands and feet away from moving parts. Keep the guards in place and work normally.

9.Do not use the tool forcefully-when used at the intended speed, it behaves better and there is less risk of human or mechanical injury.

10.Do not overdo it-always maintain proper grip and balance.

11.Disconnect the tool-Disconnect the power tool when not in use, before repairing, replacing accessories, and any other maintenance task.

12.Store unused tools in the room-When not in use, power tools should be stored in the room dry, high or in a closed place to prevent children from coming into contact.

13.Avoid hazardous environments-Do not use power tools in rainy or humid places. Do not use power tools in gas or explosive areas, and do not use power tools near flammable or flammable liquids. The motors in these tools usually produce sparks that can ignite the smoke.

14.Stay vigilant-watch what you do. Use common sense. Do not operate power tools if you are tired or under the influence of drugs, alcohol or other drugs.

15. Inspect Damaged Parts-Before continuing to use power tools, any damaged guards or other parts should be carefully inspected to determine whether they are functioning properly and performing their intended function. Check the alignment of moving parts, bundling of moving parts, damage to parts, installation and any other circumstances that may affect your operation.

16.Avoid Dangerous Environment – Don't use appliances in damp or wet locations.

17.Don't Use In Rain.

18.Keep Children Away – All visitors should be kept at a distance from work area.

19. Dress Properly – Do not wear loose clothing or jewelry. They can be caught in moving parts. Use of rubber gloves and substantial footwear is recommended when working outdoors. Wear protective hair covering to contain long hair.

20.Use Safety Glasses – Always use face or dust mask if operation is dusty.

21. Use Right Appliance – Do not use appliance for any job except that for which it is intended.

22. Don't grasp the exposed cutting blades or cutting edges when picking up or holding the appliance.

23. Don't Force Appliance – It will do the job better and with less likelihood of a risk of injury at the rate for which it was designed.

24. Don't Overreach – Keep proper footing and balance at all times.

25. Stay Alert – Watch what you are doing. Use common sense. Do not operate appliance when you are tired.

26. Maintain Appliance With Care – Keep cutting edge sharp and clean for best performance and to reduce the risk of injury. Follow instructions for lubricating and changing accessories.

27. Check Damaged Parts – Before further use of the appliance, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other condition that may affect its operation.

28. Keep hands away from blades.

SPECIAL SAFETY WARNINGS FOR TILLER CULTIVATOR

1. Always check the area where the tiller is used. Remove all objects (such as stones, sticks, wires, and foreign objects) that may be thrown through the blade or cause the operator to trip.
2. Throwing objects can cause serious injuries to the eyes and exposed body. Always wear safety glasses or eye mask during operation and during adjustments or repairs.
3. Be sure to use the garden cultivator in the right clothes. Do not wear jewelry or other loose clothing as they may become entangled in moving parts. Wear shoes that provide a firm grip.
4. When the cultivator is running, keep people, pets and property at least 25 feet away from the cultivator. If someone or a pet enters the drain area, stop the garden cultivator.
5. Never try to make adjustments while the engine is running.
6. Contact with rotating parts can lead to amputations of hands and feet. Keep your hands or feet away from rotating parts.
7. Be especially careful when driving on or crossing gravel roads, sidewalks or roads. Watch for hidden dangers or traffic.
8. Always plan your cultivation model to avoid emissions to people, pets and property. Throwing objects can cause serious personal injury.
9. Hold the tiller with both hands during operation. Make sure the handles are dry.
10. After impact with foreign objects, switch off the engine, thoroughly inspect the garden cultivator for possible damage and repair the damage before starting and operating the garden cultivator again.
11. Be careful not to slip or fall.
12. Follow all noise regulations and laws.
13. If the garden cultivator vibrates abnormally, stop the engine and check the cause immediately. Vibrations are often a warning sign of trouble.
14. When leaving the operating position, disconnect all controls, stop the motor and wait until the blade is completely stopped before dredging the blade and making repairs, adjustments and inspections.

15.Turn off the engine and make sure all moving parts have been stopped before cleaning, repairing or inspecting.

16.Never operate the cultivator without proper guards, plates or other safety devices.

17.Never operate the cultivator at high speed on hard or slippery roads.

18.Be careful when working on hard ground. The blade can get stuck on the ground and push the cultivator forward. If this happens, release the handlebar and do not tie the cultivator.

19.Be especially careful when driving backwards or pulling the garden tiller towards you.

20.Start the motor carefully and keep your feet away from the blade.

21. Never pick up or carry a garden cultivator while the engine is running.

22.Check the for worn, missing or damaged parts and safety labels.
A detailed description can be found in the Maintenance section.

23.Be careful when changing direction and working on the slope. Always keep your feet and legs at a safe distance from the machine. Look for hidden obstacles or dangers.

24.When picking up or holding the appliance, do not reach for exposed cutting blades or cutting edges.

25.Be sure to turn off the tiller and turn off the power if you break down or change work area. Never leave the machine running unattended.

26.After closing the tiller, the blade continues to rotate for a short time. Wait until the blade is completely stopped before lifting the machine or performing inspections and maintenance.

27.After shutting down the machine, keep the motor housing at high temperature for a short time. Allow the motor housing to cool down before contacting or storing it near flammable material.

28. Regularly check the following:

i)The accumulation of deposits around the blades can cause poor performance or damage to the engine. Inspect and clean before use.

ii)The safety devices work perfectly. The safety devices must not be tampered with or adjusted.

iii)Screws and screws maintain the correct attachment. The machine is visually checked for damage and the tiller is in a safe working condition.

Warning for battery-operated appliances

a)Prevent unintentional starting. Ensure the switch is in the off-position before connecting to battery pack, picking up or carrying the appliance. Carrying the appliance with your finger on the switch or energizing appliance that have the switch on invites accidents.

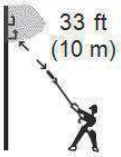
b)Disconnect the battery pack from the appliance before making any adjustments, changing accessories, or storing appliance. Such preventive safety measures reduce the risk of starting the appliance accidentally.

PRODUCT PARAMETERS

MODEL	**HP-DLT22A-0DB**
DC VOLTAGE	**20V**
CUTTING WIDTH	**9 IN.**
WORKING DEPTH	**7 IN.**
NO-LOAD SPEED	**360 RPM**
COMPATIBLE BATTERIES	**DEWALT 20V MAX BATTERIES**

Safety marking

The following table describes the safety symbols that may appear on this product. Please read, understand and follow all instructions on the machine before attempting to assemble and operate it.

	**Read the user manual-read,** Please understand and follow all instructions in the user manual before attempting to assemble and operate it.		**Warning!** Rotating parts can cause serious injury. Make sure the blade is stopped completely before transporting the machine or performing any inspection, cleaning or other maintenance.
	Safety alert-Shows precautions, warnings or A danger.		**Dangerous! Rotary blades** -Hands and feet should be kept away from the openings when the machine is running.
	**Warning!** Keep the electrical extension cord away from the blade.		**Warning! Impact hazard** -Keep a distance of at least 10 m from the power line. Don't overdo it. Always maintain proper grip and balance.
	Watch out for foreign objects that can be thrown out of the device. Keep the viewer at a safe distance from the work area.		**Double insulation-when** For repairs, only the same spare parts are used.
	**Dangerous!** Be careful to throw objects at spectators. Keep the spectator at least 15 meters away from the machine.		**Warning!** Do not expose the appliance to rain or moisture.
	Wear protective gloves and non-slip shoes when operating the machine and handling splinters.		Wear eye protection


Upper handle
Safety switch
Auxiliary handle
Upper pole
Pole connector
Middle pole
Pole connector
Lower pole
Blades

OPERATING TIPS

·Start the cordless lithium electric tiller, Push the machine forward at a comfortable rate, yet slow enough to clear the path completely. The clearing width of the electric tiller and the depth of the arable land should dictate your forward speed.
·Direct the soil discharge to the right or to the left by holding the cordless electric tiller at a slight angle.
·To remove soil most efficiently, throw the soil downwind and slightly overlap each swath.
·TILLER CULTIVATOR.
·When clearing deeper drifts, hold the cordless electric tiller by the upper and lower handles and use a swinging or sweeping motion.

UNPACKING

Caution! This packaging contains sharp objects. Take care when unpacking. Remove the machine, together with the accessories supplied, from the packaging. Check carefully to ensure that the machine is in good condition and account for any accessories listed in this manual. Make sure that all the accessories are complete. If any parts are found to be missing, the machine and its accessories should be returned together in their original packaging to the retailer.

Do not throw the packaging away, keep it safe throughout the guarantee period, then recycle if possible, otherwise dispose of it by the proper means. Do not let children play with empty plastic bags due to the risk of suffocation.

ASSEMBLY

WARNING! To prevent accidental starting that could cause serious personal injury, always remove the battery pack from the product when assembling parts.

HANDLE ADJUSTMENT

To adjust the angle of the auxiliary handle, follow the instructions below:
1.Stop the machine and remove the battery. Wait until the blade comes to a complete stop.
2.Loosen the auxiliary handle by turning the handle knob counterclockwise. Rotate the auxiliary handle to a comfortable position (Fig.1).

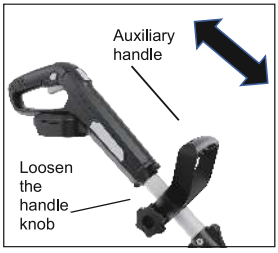


Fig.1

3.Fix the handle by tightening the handle knob, Insert the battery and resume working.

To adjust the location of the auxiliary handle, follow the instructions below:

1.Stop the machine and remove the battery, Wait until the blade comes to a complete stop.

2.Loosen handle knob slightly and slide auxiliary handle as needed to desired location. Re-tighten handle knob securely. Insert the battery and resume working.

NOTE: In order to prevent the auxiliary handle from moving around or sliding on the pole, be sure to tighten securely.

CONNECTING THE POLES

Slide the middle pole into the lower pole assembly and the upper pole assembly by the joint fixing knobs (Fig.2).



Fig.2

STARTING THE MACHINE

To start the cordless lithium electric tiller, push and hold the safety lock switch on the side of the handle grip with your thumb and then squeeze the trigger switch with your fingers. Once the machine powers on, you can release the safety lock switch and proceed with operation (Fig.3).

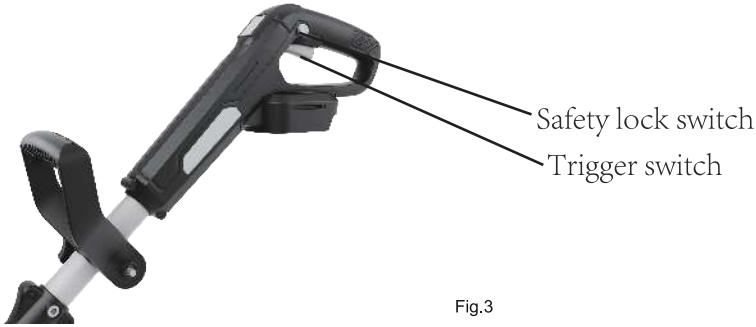


Fig.3

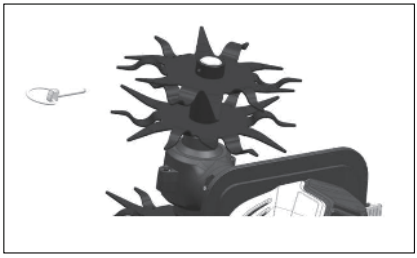
To stop the cordless lithium electric tiller, release the trigger switch.

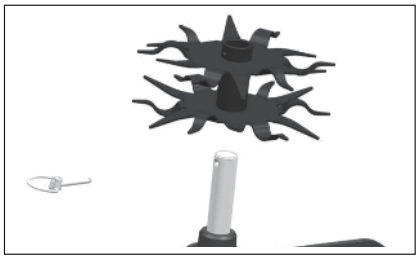
Changing the blade

Note: The blades in the motor housing are supplied by the manufacturer. Only the blades supplied by the manufacturer are used. Before the operation, make sure that the blade is in good condition.

To change the blade, follow these steps:

1. Close the tiller and unplug the battery
2. Place the device on a level and in a safe position.
3. Remove the latch and remove the blade.





Cleaning, maintenance
Storage

Warning! Accidental movement of the blade may result in personal injury. Switch off the engine and disconnect the battery pack before servicing, repairing, or inspecting the appliance. Wait until the blade stops spinning completely before performing any inspection, cleaning or maintenance.

Warning! Contact with hot parts of the machine (e.g. engine housing or gearbox) may cause burns. Allow the machine to cool before handling.

Important!

- Wear protective gloves when cleaning or servicing the machine.
- When cleaning the machine, do not use cleaning liquid or solvents or spray the machine with water (especially not with pressurized water).

Note: Clean the machine after each use as follows:

Use a brush or dry cloth to remove dirt, dirt and leaves adhering to blades, drive shafts, tool surfaces and vents.
2. The biodegradable oil is sprayed or rubbed into the leaves.
3. Clean the dirty handles with a damp cloth.

Always check the machine for damaged and worn parts after each use. Check if safety features (labels, guards) are in place. Check that nuts, bolts and screws are tightened.

NOTE

Please check the product for damage or missing accessories.
Please check if there are accessories damaged or lost.
If there are, please contact our customer service team to get a replacement or a full refund.

support_heinpro@yeah.net