

16-INCH ELECTRIC TILLER

ITEM #82052



SAVE THIS MANUAL. KEEP THIS MANUAL FOR SAFETY WARNINGS, PRECAUTIONS, ASSEMBLY, OPERATION, INSPECTION, MAINTENANCE AND CLEANING PROCEDURES. WRITE THE PRODUCT'S SERIAL NUMBER ON THE BACK OF THE MANUAL, OR THE MONTH AND YEAR OF PURCHASE IF PRODUCT HAS NO SERIAL NUMBER

FOR QUESTIONS, PLEASE CALL CUSTOMER SERVICE: 909.628.0880

SAFETY INFORMATION

IMPORTANT!

Safety Instructions

All Operators Must Read These Instructions Before Use

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

General Safety WARNINGS!

You and any other operator of this garden tiller + cultivator must read, understand, and follow these instructions in their entirety. Failure to follow these instructions may result in ELECTRIC SHOCK, FIRE, and/or serious PERSONAL INJURY.

Notice the personal safety alert symbol  used in this manual to draw your attention to a WARNING given along with the particular operating instruction. This means that the operation requires special ATTENTION, CAUTION, and AWARENESS.

- 1. Keep work area clean and well-lit** – Cluttered, dark areas invite accidents.
- 2. Replacement parts** – When servicing this unit, use only identical replacement parts. Replace or repair damaged cords immediately.
- 3. Keep children, bystanders, and pets away** – All spectators, including pets, should be kept a safe distance away from the work area.
- 4. Know your product** – Know how to start and stop the machine. Be thoroughly familiar with the controls.
- 5. Use the right tool** – Do not use this machine for any job except that for which it was intended.
- 6. Dress properly** – Do not wear loose clothing or jewelry as such articles can become caught in moving parts. Wear a protective covering to contain long hair. Wearing rubber gloves and substantial non-slip footwear is recommended when working outdoors.
- 7. Extension cords** – To prevent electric shock, use only with an extension cord suitable for outdoor use.
- 8. Avoid accidental starting** – Do not carry the garden tiller + cultivator with your finger on the switch. Make sure the switch is off before plugging in or unplugging the unit.
- 9. Do not abuse the cord** – Never carry the garden tiller + cultivator by the cord or yank the cord to disconnect it from the receptacle. Keep the cord away from heat, oil, and sharp edges.
- 10. Moving parts** – Keep hands and feet away from moving parts. Keep guards in place and in proper working order.
- 11. Do not force the tool** – It will perform better with less likelihood of personal or mechanical injury if it is used at the rate for which it was designed.
- 12. Do not overreach** – Keep proper footing and balance at all times.
 - If the tiller + cultivator strikes a foreign object, follow these steps:
 - **Stop the electric tiller + cultivator.**
 - **Inspect for damage.**
 - **Repair any damage before restarting and operating the tool.**
- 13. Use safety glasses** – Also use safety footwear, snug-fitting clothing, protective gloves, hearing, and head protection.
- 14. Disconnect the tool** – Disconnect the tiller + cultivator from the power supply when it is not in use, before servicing it, when changing accessories, and when performing any other maintenance task.
- 15. Store idle tool indoors** – When not in use, the tiller + cultivator should be stored indoors in a dry and high or locked-up place out of the reach of children.
- 16. Maintain the tiller + cultivator with care** – Keep the cutting edges sharp and clean for optimal performance and to reduce the risk of injury. Inspect the extension cord periodically and immediately replace it if damaged. Keep the handles dry, clean, and free from oil and grease. Follow the additional recommendations described in the maintenance section of this manual.
- 17. Avoid dangerous environments** – Do not use the tiller + cultivator in rain or in damp or wet locations. Do not operate the tiller + cultivator in gaseous or explosive atmospheres or use the tiller + cultivator near flammable or combustible liquids. Motors in these tools normally spark, and the sparks might ignite fumes.
- 18. Stay alert** – Watch what you are doing. Use common sense. Do not operate the tiller + cultivator when you are tired or under the influence of drugs, alcohol, or other medication.

 **CAUTION!** Moving parts will continue to run for several seconds after turning off the machine.

SAVE THESE INSTRUCTIONS

SAFETY INFORMATION

- 19. Check for 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. A guard or other part that is damaged should be properly repaired or replaced. Contact the Snow Joe® + Sun Joe® customer service center at 1-866-SNOWJOE (1-866-766-9563) for assistance.

Training

- Read, understand, and follow **all** instructions on the tiller + cultivator and in the manual before operating this unit. Thoroughly familiarize yourself with the controls and the proper use of the equipment. Know how to stop the unit and disengage the controls quickly.
- Children should never be allowed access to the equipment. Adults should never operate the equipment without carefully reading and understanding these instructions.
- Keep the area of operation clear of **all** persons, particularly small children or pets.
- Exercise caution to avoid slipping or falling.
- Always plan your cultivating path to avoid discharge of material toward people, pets, and property (e.g. windows, cars, etc.). Thrown objects can cause serious personal injury and property damage. Do not allow anyone in front of a running machine.
- Keep people, pets, and property at least 25 feet from the tiller + cultivator while it is in operation. Stop the tiller + cultivator if people or pets enter the discharge area.
- Always observe the surface conditions in order to avoid slipping, falling, and unexpected objects.

Preparation

- Always inspect the area where the tiller + cultivator is to be used. Remove **all** objects (i.e. stones, sticks, wires, and other foreign materials) that could be thrown by the tines or cause the operator to trip.
- Thrown objects can cause serious injury to the eyes and exposed body. Always wear safety glasses or eye shields during operation and while making an adjustment or repair.
- Always operate the tiller + cultivator wearing adequate garments. Do not wear jewelry or other loose clothing, which could become entangled in moving parts. Wear non-slip footwear to ensure proper footing.
- Observe any noise-prevention regulations and laws.
- Inspect the tiller + cultivator for worn, missing, or damaged parts and safety labels. See maintenance section for detailed instructions.

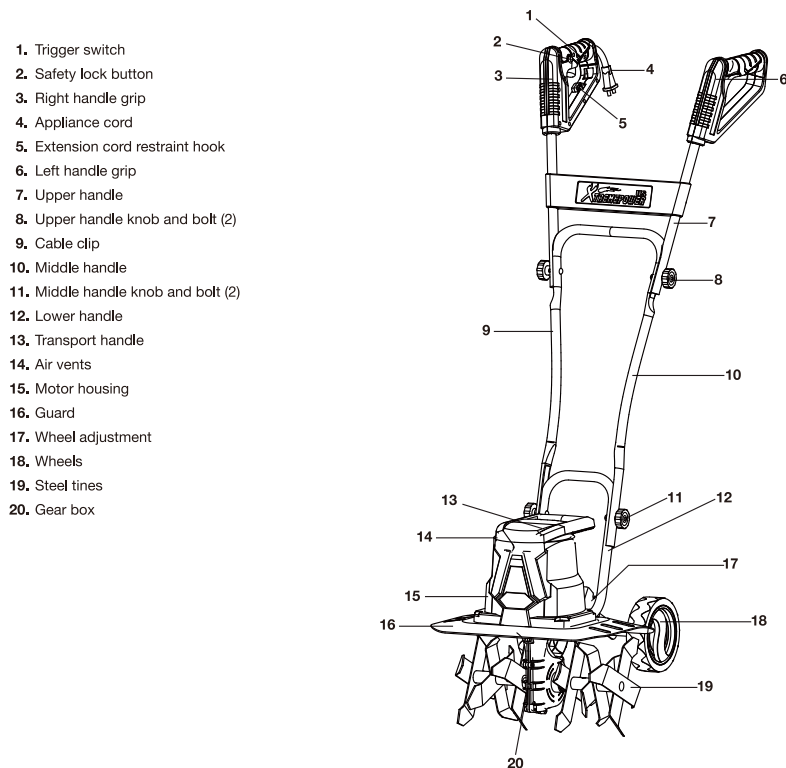
Operation

- Do not operate the machine while under the influence of alcohol or drugs.
- Keep **all** safety devices in place and in proper working order. Do not operate with missing or damaged components.
- Ensure the controls (start/stop) function properly before cultivating.
- Hold onto the tiller + cultivator with both hands during operation. Ensure the grips are dry.
- Contact with rotating parts can amputate hands and feet. Keep hands and feet away from **all** rotating parts.
- Only operate the tiller + cultivator when there is good visibility or light and dry conditions. Always watch your footing and keep a firm hold on the grips. Walk; don't run!
- Do not operate the tiller + cultivator on slippery surfaces. Check your footing during use.
- Exercise caution when changing direction and operating the tool on slopes. Always keep feet and legs a safe distance away from the machine. Look for hidden obstacles or hazards.
- Do not overload machine capacity by attempting to cultivate too deeply. It will cause excessive resistance.
- Stop the tiller + cultivator and disconnect the electric cord before leaving the operating position (behind the handles) to adjust or inspect the unit. Wait until the tines have come to a complete stop.
- If the tiller + cultivator should start to vibrate abnormally, stop the machine and inspect thoroughly for damage.
- Turn the machine OFF and disconnect the electrical power when moving to a new work area. Allow the tines to completely stop rotating before transporting the unit.
- Do not use in rain or wet conditions.
- Do not grasp the exposed cutting blades or cutting edges when picking up or holding the appliance.

Stopping Work

- Always turn the tiller + cultivator OFF and disconnect the electrical power when stopping work or when changing work areas. Never leave the machine running when unattended.
- The tines will continue to rotate for a short period after turning OFF the tiller + cultivator. Wait until the tines have completely stopped before lifting the machine or conducting inspection and maintenance.
- The motor housing remains hot for a short period after the machine is turned OFF. Allow the motor housing to cool completely before touching or storing near combustible material.

PRODUCT INFORMATION



Technical Data

Rated Voltage	120 V ~ 60 Hz	Rotor	6 steel blades
Power	13.5 A	Cultivating Width (Max.)	16 in. (40.6 cm)
No Load Speed	370 ± 10% rpm	Cultivating Depth (Max.)	8 in. (20.3 cm)
Handle	Foldable (3 sections)	Weight	26 lbs (12 kg)

ASSEMBLY

FIG 1

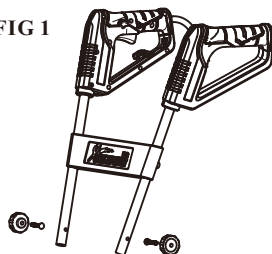
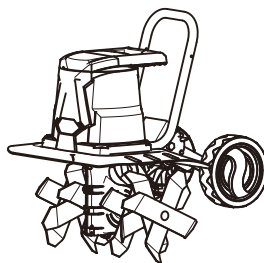
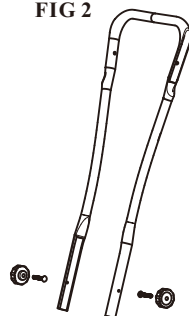


FIG 2



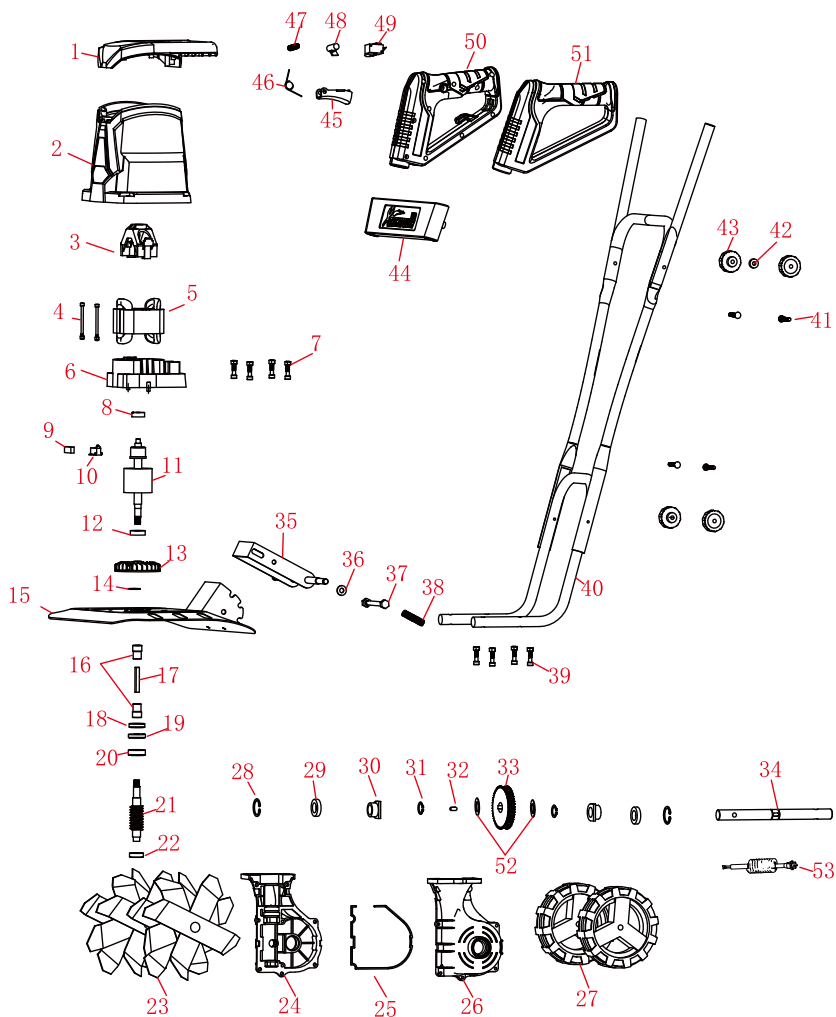
ASSEMBLING ADJUSTMENT FRAME

As above Fig 1. First, unlade black knob from bolt, keep two groove of frame (II) conform two holes of frame(I), and then screw the bolt from outside to inside.

Assembly of left/right handle

As above Fig2. First, unlade black knob from bolt, keep two groove of left/right handle conform two holes of frame(II), and then screw the bolt from outside to inside.

PARTS INFORMATION



PARTS LIST

No	Name	QTY	No	Name	QTY
1	Upper Cover	1	28	Inner Ring Snap	2
2	Plastic Housing	1	29	Framework Oil Seal	2
3	Plastic Bearing Bracket	1	30	Powder Metallurgy Sleeve	2
4	Rotor Screw+Screw Nut	2	31	∅ 19 Circlip	2
5	Coil	1	32	Key	1
6	Coil Frame	1	33	Big Gear	1
7	Coil Frame Screw	4	34	Transmission Shaft	1
8	628 Bearing	1	35	Wheel Activity Frame	1
9	Carbon Brush	2	36	Snap Ring	1
10	Brush Holder	2	37	Screw+Nut	1
11	Rotor	1	38	Tension Spring	1
12	6001 Bearing	1	39	Hexagon Socket Head Cap Screw	4
13	Fan	1	40	Iron Stand	1
14	Gasket	1	41	Screw	4
15	Protect Cover	1	42	Semi-Circular Gasket	4
16	Connect Screw Nut	2	43	Hand Wheel	4
17	Square Flexible Shaft	1	44	Plastic Decorative Panel	1
18	Wool Loop Pile	1	45	Switch Trigger	1
19	Framework Oil Seal	1	46	Trigger Spring	1
20	6201 Bearing	1	47	Lockable Gas Spring	1
21	Gear Shaft	1	48	Switch Self-Locking	1
22	6000 Bearing	1	49	Switch	1
23	Steel Tines	2	50	Switch Handle-LEFT	1
24	Gearbox-LEFT	1	51	Switch Handle-RIGHT	1
25	Sealing Strip	1	52	Gasket∅ 34*∅ 19.5*1	2
26	Gearbox-RIGHT	1	53	Power Cord	1
27	Wheels	2			

DISCLAIMER

PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST AND ASSEMBLY DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

Record Product's Serial Number Here: _____

Note: If product has no serial number, record month and year of purchase instead.

Note: Some parts are listed and shown for illustration purposes only and are not available individually as replacement parts.



SAVE THESE INSTRUCTIONS.



Questions, problems, missing parts?

Before returning to your retailer, our exceptional customer service is here to help.

Call Us: 909.628.0880

Email Us: customer@xtremepowerusa.com

Hours of Operation: 9am - 4pm (Monday - Friday)

PRODUCT MADE IN CHINA