

## Greencut GTC190X

# GREENCUT GTC190X Petrol Tiller Instruction Manual

Model: GTC190X | Brand: Greencut

## 1. INTRODUCTION

Thank you for choosing the GREENCUT GTC190X Petrol Tiller. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new equipment. Please read this manual thoroughly before assembly, operation, or maintenance to ensure proper use and to prevent injury or damage.

The GTC190X is a powerful and efficient petrol-powered tiller designed for preparing soil in gardens and agricultural fields. It features a 161cc 4-stroke OHV engine, a working width of 56cm, and durable hardened iron blades, making it suitable for various soil types and intensive work.

## 2. SAFETY INFORMATION

Always prioritize safety when operating power equipment. Failure to follow safety instructions can result in serious injury or death.

- **Read the Manual:** Understand all instructions and warnings before operation.
- **Personal Protective Equipment (PPE):** Always wear appropriate safety glasses, hearing protection, sturdy footwear, and gloves.
- **Fuel Handling:** Handle petrol with extreme care. Store in approved containers, refuel in a well-ventilated area with the engine off and cool. Do not smoke while refueling.
- **Work Area:** Clear the work area of stones, debris, and other objects that could be thrown by the blades. Keep bystanders, children, and pets at a safe distance (at least 15 meters).
- **Engine Exhaust:** Operate the tiller only in well-ventilated outdoor areas. Engine exhaust contains carbon monoxide, which is a colorless, odorless, and deadly gas.
- **Blade Safety:** Keep hands and feet away from rotating blades. Ensure the engine is off and blades have stopped before performing any adjustments or maintenance.
- **Slope Operation:** Exercise extreme caution when operating on slopes. Till across the face of slopes, never up and down.
- **Security Lock:** The tiller is equipped with a safety lock to prevent accidental starting. Always engage this lock

when the machine is not in use or during maintenance.

### 3. PRODUCT COMPONENTS

Familiarize yourself with the main components of your GREENCUT GTC190X tiller.

- **Engine:** 161cc 4-stroke OHV air-cooled engine.
- **Tilling Blades:** Hardened iron blades for effective soil cultivation.
- **Adjustable Handlebar:** Ergonomic handlebar, adaptable for various users and foldable for compact storage.
- **Transport Wheel:** Front wheel for easy maneuverability.
- **Depth Stake:** Adjustable stake to control tilling depth.
- **Safety Lock:** Mechanism to prevent accidental starts.



Figure 3.1: Overall view of the GREENCUT GTC190X Petrol Tiller.

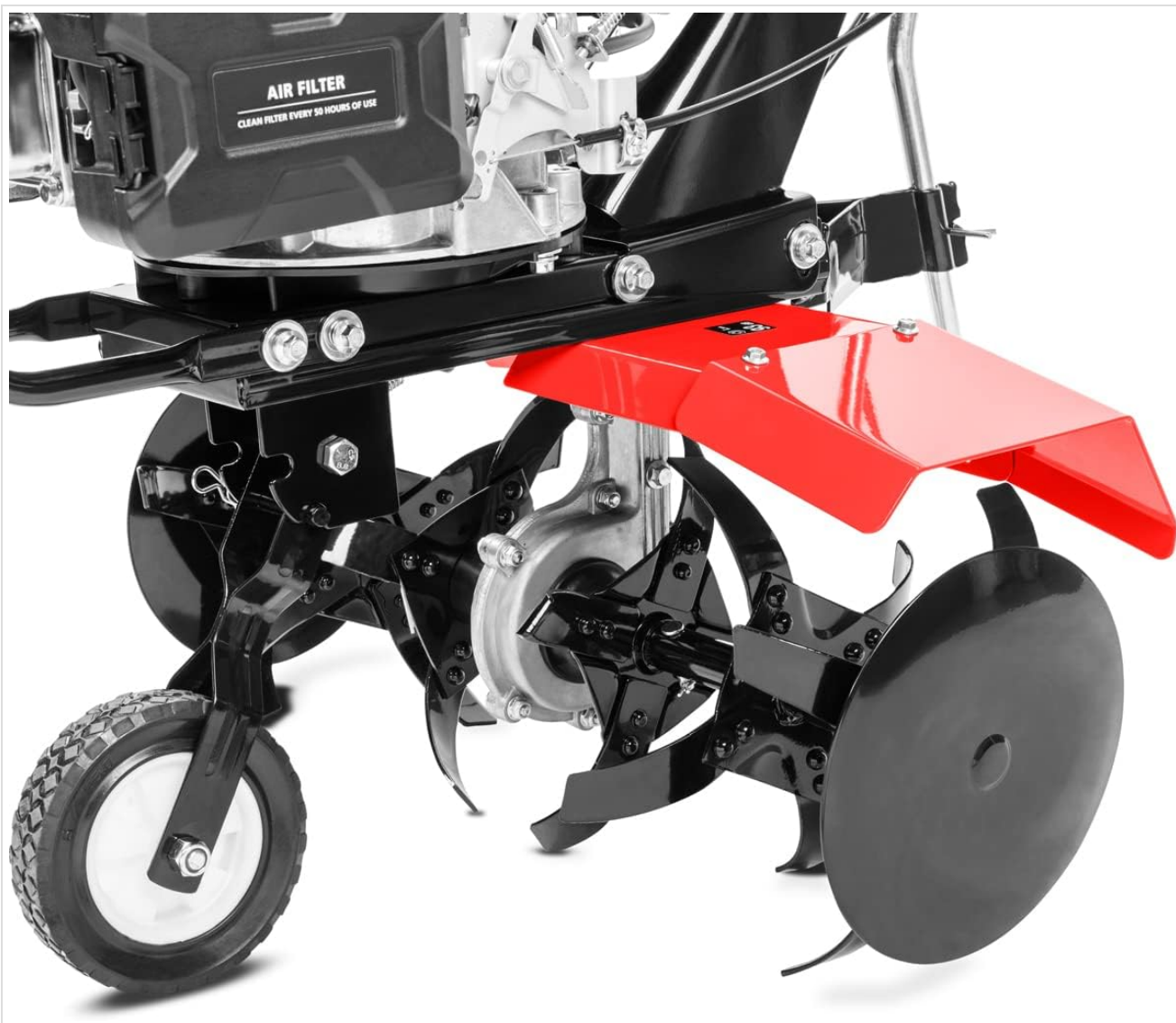


Figure 3.2: Detail of the hardened iron tilling blades and transport wheel.

## 4. SETUP AND ASSEMBLY

Follow these steps to assemble and prepare your tiller for first use.

### 4.1. Handlebar Assembly

1. Attach the lower handlebar section to the main unit using the provided bolts and nuts. Ensure a secure fit.
2. Connect the upper handlebar section to the lower section, aligning the holes and securing with the quick-release knobs or bolts.
3. Mount the control levers (throttle, clutch) to the handlebar and route the cables according to the diagrams in the separate assembly guide. Ensure cables are not pinched.

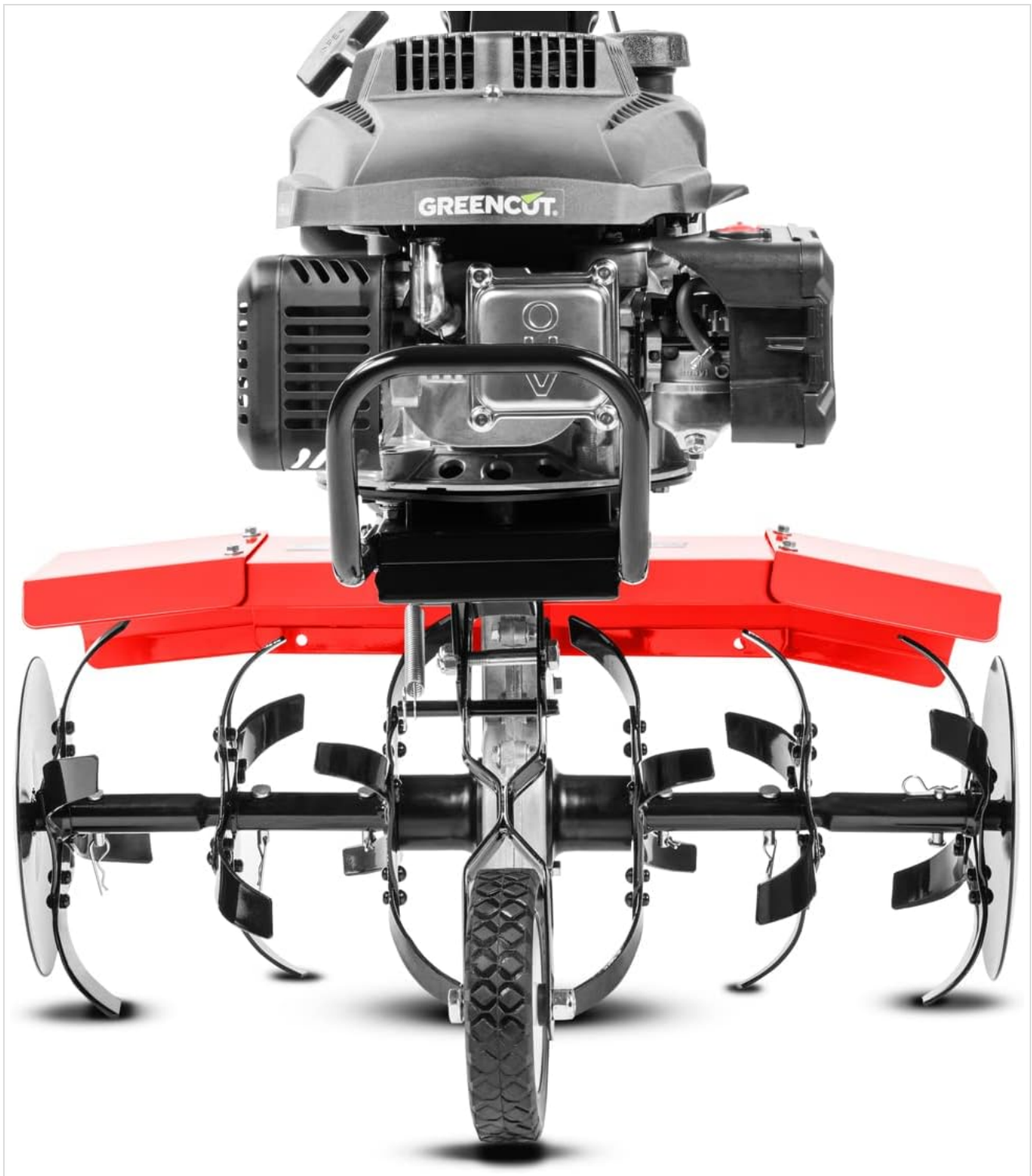


Figure 4.1: Side view of the tiller, showing the assembled handlebar.

## 4.2. Blade and Wheel Attachment

1. Attach the tilling blades to the axle shafts, ensuring they are oriented correctly (left and right blades). Secure them with the pins or bolts.
2. Install the transport wheel at the front of the tiller. This wheel is used for moving the tiller to and from the work area, and can be adjusted or removed during tilling.





Figure 4.2: Detail of the transport wheel and tilling tines.

### 4.3. Fuel and Oil

Before starting, ensure the engine has sufficient fuel and oil.

- **Engine Oil:** Fill the engine crankcase with the recommended 4-stroke engine oil (refer to engine manual for specific type and capacity). Do not overfill.
- **Fuel:** Fill the fuel tank with fresh, unleaded petrol. Do not use E85 or other ethanol blends not approved for small engines.

**WARNING: Never refuel a hot engine. Always allow the engine to cool down before adding fuel.**

## 5. OPERATING INSTRUCTIONS

Learn how to safely start and operate your GREENCUT GTC190X tiller.

## 5.1. Starting the Engine

1. Ensure the tiller is on a level surface and the safety lock is disengaged.
2. Open the fuel valve (if applicable).
3. Set the choke lever to the 'CHOKE' position (for cold starts).
4. Press the primer bulb 3-5 times until fuel is visible.
5. Move the throttle lever to the 'FAST' position.
6. Pull the starter rope firmly and smoothly until the engine starts.
7. Once the engine starts, gradually move the choke lever to the 'RUN' position as the engine warms up.

## 5.2. Tilling Operation

When tilling, hold the handlebars firmly with both hands. Allow the tiller to pull itself forward, guiding it gently. For deeper tilling, make multiple passes, gradually increasing the depth with each pass by adjusting the depth stake.



Figure 5.1: Operator using the GREENCUT GTC190X tiller to cultivate soil.





Figure 5.2: Front view of the tiller in operation, showing the tilling action.

### 5.3. Stopping the Engine

To stop the engine, move the throttle lever to the 'STOP' or 'OFF' position. If equipped, turn the engine switch to 'OFF'.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your tiller.

### 6.1. After Each Use

- Clean the tilling blades and housing of any soil, debris, or plant material.
- Inspect blades for damage or excessive wear.
- Check all nuts, bolts, and fasteners for tightness.



### 6.2. Engine Oil Change

Change the engine oil after the first 5 hours of operation, and then every 25-50 hours or annually, whichever comes first. Refer to the engine manual for detailed instructions and oil specifications.

### 6.3. Air Filter Cleaning/Replacement

Inspect the air filter every 10-20 hours of operation, or more frequently in dusty conditions. Clean or replace as necessary to ensure proper engine performance.

### 6.4. Spark Plug Inspection

Inspect the spark plug annually or every 50 hours. Clean or replace if fouled or worn.

### 6.5. Storage

For long-term storage, drain the fuel tank or add a fuel stabilizer. Run the engine until it stops to consume all fuel in the carburetor. Clean the tiller thoroughly and store in a dry, protected area.

## 7. TROUBLESHOOTING

This section provides solutions for common issues you might encounter.

Problem	Possible Cause	Solution
Engine does not start	No fuel; Old fuel; Spark plug fouled; Choke incorrect; Safety lock engaged	Add fresh fuel; Drain and refill with fresh fuel; Clean/replace spark plug; Adjust choke; Disengage safety lock
Engine runs poorly	Dirty air filter; Stale fuel; Incorrect engine oil level	Clean/replace air filter; Drain and refill with fresh fuel; Check/adjust oil level
Tiller not cultivating effectively	Worn blades; Incorrect tilling depth; Soil too hard/wet	Replace blades; Adjust depth stake; Wait for optimal soil conditions
Excessive vibration	Loose components; Bent blades; Debris wrapped around blades	Tighten all fasteners; Inspect/replace blades; Clear debris

If you encounter issues not listed here or if solutions do not resolve the problem, please contact Greencut customer support.

## 8. SPECIFICATIONS

Key technical specifications for the GREENCUT GTC190X Petrol Tiller.

Feature	Specification
Model Number	GTC190X

Feature	Specification
Engine Type	4-stroke OHV, Air-cooled
Engine Displacement	161cc
Engine Horsepower	5hp
Working Width	56cm
Tilling Depth	Up to 13cm
Blade Material	Hardened Iron
Product Dimensions (L x W x H)	104 x 60 x 99 cm
Weight	31 Kilograms
Power Source	Petrol Operation

## 9. WARRANTY AND SUPPORT

Greencut products are designed for durability and performance. For warranty information, please refer to the documentation included with your purchase or visit the official Greencut website. Keep your proof of purchase for any warranty claims.

For technical assistance, spare parts, or service inquiries, please contact the seller, Beself Brands S.A., or Greencut customer support directly. Provide your model number (GTC190X) and purchase details when contacting support to ensure efficient service.

You can find more information and support resources on the official Greencut brand store:[Greencut Brand Store](#)