

chikura GX50

CHIKURA GX50 10-in-1 Backpack 4-Stroke Multi-Tool Instruction Manual

MODEL: GX50

Introduction

This manual provides essential instructions for the safe assembly, operation, maintenance, and troubleshooting of your CHIKURA GX50 10-in-1 Backpack 4-Stroke Multi-Tool. Please read this manual thoroughly before using the product to ensure proper function and to prevent injury or damage.

Always keep this manual accessible for future reference. For any questions not covered here, please contact customer support.

Important Safety Information

Operating power tools can be dangerous if proper safety precautions are not followed. Always prioritize your safety and the safety of others. Failure to follow these instructions may result in serious injury or death.

- **Personal Protective Equipment (PPE):** Always wear appropriate safety gear, including eye protection (safety glasses or goggles), hearing protection, heavy-duty gloves, long pants, and sturdy, non-slip footwear. A hard hat may be necessary for overhead work.
- **Bystander Safety:** Keep bystanders, children, and pets at a safe distance (at least 50 feet/15 meters) from the operating area.
- **Work Area:** Ensure the work area is clear of debris, obstacles, and other hazards. Do not operate on wet or slippery surfaces.
- **Fuel Handling:** Turn off the engine and allow it to cool completely before refueling. Refuel in a well-ventilated area away from sparks or open flames. Use only approved fuel containers.
- **Moving Parts:** Keep hands and feet away from all moving parts, especially blades and cutting attachments, when the engine is running.
- **Inspection:** Before each use, inspect the machine for any damage, loose fasteners, or worn parts. Do not operate if the machine is damaged or not functioning properly.

- **Engine Off:** Always turn off the engine before making adjustments, changing attachments, or performing maintenance.
- **Ventilation:** Operate the engine in a well-ventilated outdoor area. Exhaust fumes contain carbon monoxide, which is a colorless, odorless, and deadly gas.
- **Manufacturer's Instructions:** Always follow the manufacturer's instructions for maintenance, storage, and specific attachment usage.

Package Contents

Your CHIKURA GX50 10-in-1 Multi-Tool package includes the main engine unit, backpack harness, and various interchangeable attachments. Please verify that all components are present upon unboxing.

- GX50 4-Stroke Engine Unit with Backpack Frame
- Flexible Drive Shaft Assembly
- Brush Cutter Attachment (with various blades: metal blade, string trimmer head)
- Hedge Trimmer Attachment
- Pole Saw Attachment
- Mini Tiller/Cultivator Attachment
- Tool Kit (wrenches, spark plug tool, etc.)
- Fuel Mixing Bottle (if applicable for 2-stroke, but this is 4-stroke, so for oil)
- Instruction Manual

3. Push and twist until the attachment is fully seated.
4. Secure with the locking pin or tightening knob/bolts. Verify the attachment is firmly secured before use.



Images: Various attachments including the mini tiller, hedge trimmer, and pole saw, ready for assembly.

3. Fueling the Engine (4-Stroke)

The GX50 engine is a 4-stroke engine, meaning it uses separate gasoline and oil. Do not mix oil with gasoline.

- **Gasoline:** Use fresh, unleaded gasoline with an octane rating of 87 or higher. Fill the fuel tank (labeled 'FUEL') carefully, avoiding spills.
- **Engine Oil:** Check the engine oil level before each use. Add recommended 4-stroke engine oil (e.g., SAE 10W-30) to the oil fill port (labeled 'OIL') until it reaches the appropriate level on the dipstick. Do not overfill.

Operating Instructions

1. Starting the Engine

1. Place the unit on a flat, stable surface.
2. Ensure the fuel tank cap is securely tightened.
3. Move the choke lever to the 'CLOSED' or 'START' position.
4. Press the primer bulb 3-5 times until fuel is visible in the bulb.
5. Set the throttle lever to the 'START' or 'FAST' position.
6. Grip the starter handle firmly and pull it quickly and smoothly until the engine starts. Do not pull the rope to its full extension.
7. Once the engine starts, gradually move the choke lever to the 'OPEN' or 'RUN' position as the engine warms up.
8. Allow the engine to warm up for a few minutes before engaging the attachment.

2. Using Attachments

Always wear appropriate PPE and maintain a stable stance during operation. Be aware of your surroundings and potential hazards.

- **Brush Cutter / Weed Wacker / Strimmer:** Use the appropriate blade or string head for the task. Hold the unit firmly with both hands. Swing the cutting head in a controlled motion, keeping it away from your body and obstacles.
- **Mini Tiller / Cultivator:** Guide the tiller slowly over the soil. Allow the tines to penetrate the ground naturally. Do not force the unit.
- **Pole Saw:** Ensure the chain is properly tensioned and lubricated. Use caution when cutting overhead branches. Maintain a secure footing and avoid cutting above shoulder height if possible.
- **Hedge Trimmer:** Use a sweeping motion to trim hedges. Keep the blades away from electrical wires or other hidden objects.



**GX50 BACKPACK ENGINE
4 STROKES BRUSH CUTTER GX50
ENGINE TYPE: AIR COOLED 4 STROKE
SINGLE CYLINDER GASOLINE
ENGINE POWER: 0.95KW/7500R/MIN
CARBURETOR: PUMP-FILM TYPE**

Image: Demonstrates the use of the pole saw for high branches and the hedge trimmer for shaping foliage.



Image: A user operating the mini tiller attachment to loosen soil in a garden bed.

3. Stopping the Engine

1. Release the throttle trigger.
2. Move the engine switch to the 'OFF' or 'STOP' position.
3. Allow the engine to cool down before storing or performing any maintenance.

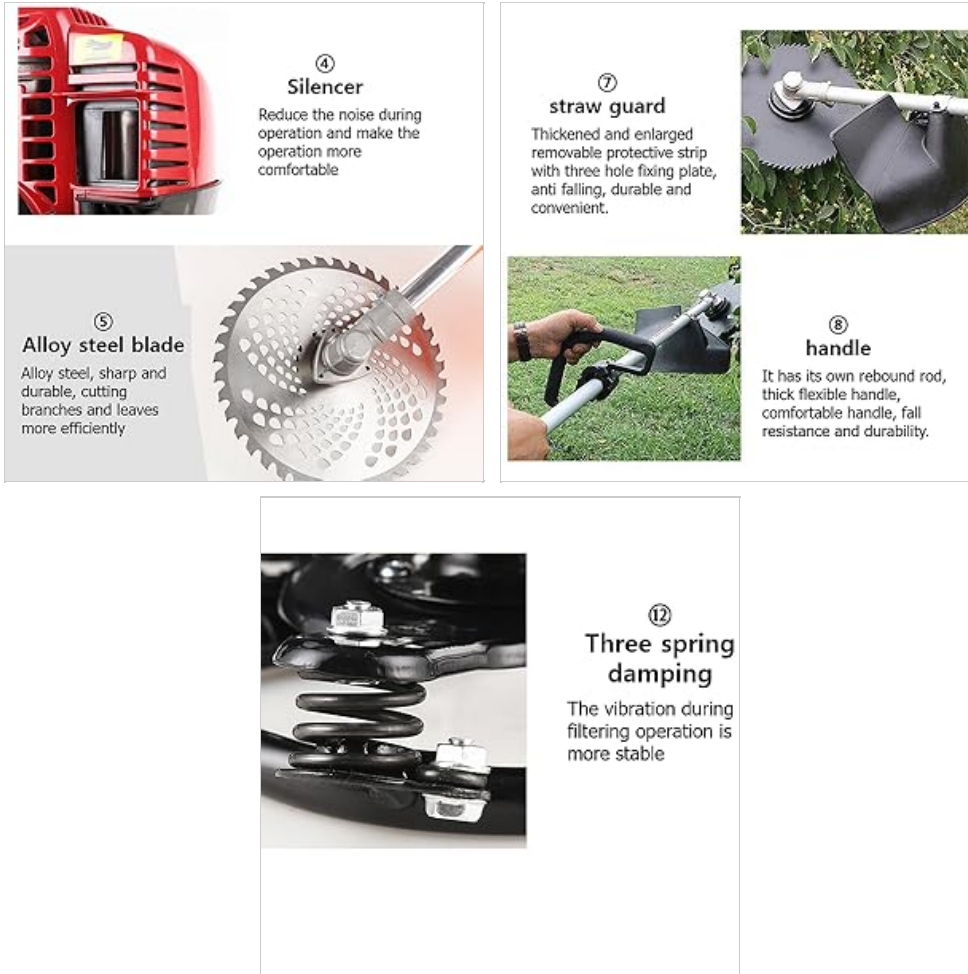
Maintenance

Regular maintenance ensures the longevity and safe operation of your multi-tool. Always ensure the engine is off and cool before performing any maintenance.

- **Air Filter:** Regularly inspect and clean the air filter. A dirty air filter can reduce engine performance. Replace if damaged.
- **Spark Plug:** Inspect the spark plug periodically. Clean or replace if fouled or worn.
- **Engine Oil:** Check the oil level before each use. Change the engine oil after the first 20 hours of operation,

then every 50 hours or annually, whichever comes first.

- **Blades and Cutting Heads:** Inspect blades for sharpness and damage. Sharpen or replace as needed. Ensure string trimmer line is properly loaded.
- **Lubrication:** Lubricate the flexible drive shaft and attachment gears as recommended in the specific attachment's instructions.
- **General Cleaning:** Keep the engine and attachments clean and free of debris.



Images: Details of the engine's air inlet for maintenance, the silencer, and an alloy steel blade.

Storage

Proper storage is crucial for maintaining the tool's condition and ensuring it's ready for future use.

- **Clean the Unit:** Thoroughly clean the engine and all attachments after each use.
- **Fuel System:** For long-term storage (over 30 days), drain the fuel tank and run the engine until it stops from lack of fuel. This prevents fuel degradation and carburetor issues.
- **Engine Oil:** Ensure the engine oil is at the correct level.
- **Store Safely:** Store the multi-tool and attachments in a dry, well-ventilated area, away from direct sunlight, extreme temperatures, and out of reach of children.

Troubleshooting

Refer to the table below for common issues and their potential solutions. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Engine won't start	No fuel; old/stale fuel; clogged fuel filter; spark plug issue; choke setting incorrect; engine flooded.	Check fuel level; use fresh fuel; clean/replace fuel filter; clean/replace spark plug; adjust choke; follow starting procedure carefully.
Engine lacks power	Dirty air filter; incorrect engine oil level; dull/damaged cutting attachment; engine overheating.	Clean/replace air filter; check/add engine oil; sharpen/replace attachment; ensure proper ventilation.
Excessive vibration	Loose attachment; bent shaft; damaged blade/head; worn engine mounts.	Tighten all connections; inspect shaft for damage; replace damaged blade/head; contact service if engine mounts are suspected.
Engine smokes excessively	Overfilled oil; wrong type of oil; engine malfunction.	Check oil level and drain excess; ensure correct 4-stroke oil is used; contact service for persistent smoking.

Technical Specifications

Feature	Detail
Brand	chikura
Model Number	GX50
Power Source	Gasoline-powered
Engine Type	4-Stroke, Air Cooled, Single Cylinder
Engine Power	0.95 kW / 7500 RPM
Speed	7000 RPM (Max)
Item Weight	35 Pounds (approx.)
Product Dimensions	68"L x 8"W (approx. main unit)
Cutting Width	6 Inches (for specific attachments)
Assembly Required	Yes
UPC	707427919372

Warranty and Support

This product comes with a manufacturer's warranty against defects in materials and workmanship. Please refer to the warranty card included with your purchase for specific terms, conditions, and duration.

For technical assistance, parts, or warranty claims, please contact CHIKURA customer support. Contact information can typically be found on the product packaging or the official brand website.

