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› DYRABREST 4-in-1 Garden Multi Tool (Model CG520) Instruction Manual

DYRABREST CG520

DYRABREST 4-in-1 Garden Multi Tool (Model CG520) Instruction Manual

Comprehensive guide for safe and effective use of your multi-functional garden tool.

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1. PRODUCT OVERVIEW

The DYRABREST 4-in-1 Garden Multi Tool is a versatile, gas-powered device designed for various outdoor landscaping tasks. It combines the functions of a hedge cutter, trimmer, pole saw, and chainsaw into a single unit, powered by a 51.7cc 2-stroke engine. Its modular design allows for easy attachment changes and includes an extension pole for extended reach. Constructed from high-quality plastic and aluminum, this tool is built for durability and efficient performance in gardens, parks, and yards.

- Ensure all guards and safety features are properly installed and functioning before use.

2.2 Fuel Handling Safety

- Use only the recommended fuel mixture (1:25 oil to petrol ratio for this 2-stroke engine).
- Mix fuel in a well-ventilated area, away from sparks or open flames.
- Store fuel in approved containers and away from heat sources.
- Never refuel a hot engine. Allow the engine to cool down before adding fuel.
- Wipe up any spilled fuel immediately.

2.3 Operation Safety

- Hold the tool firmly with both hands during operation.
- Be aware of kickback when using saw attachments.
- Avoid contact with moving parts.
- Do not overreach or operate on unstable ground.
- Turn off the engine and disconnect the spark plug before performing any maintenance or clearing blockages.

3. PACKAGE CONTENTS

Your DYRABREST 4-in-1 Garden Multi Tool package includes the following components:

- 1x 2-stroke Motor
- 1x Rod (Main Shaft)
- 1x Extension Rod
- 1x High Pruning Shear Attachment
- 1x High Branch Saw Attachment
- 1x Working Rod (for brush cutter/trimmer)
- 1x Guide Plate (for chainsaw)
- 1x Guide Plate Guard (for chainsaw)
- 1x Round Blade (for brush cutter)
- 1x 3-tooth Blade (for brush cutter)
- 1x English Manual
- Other Accessories for Assembly (e.g., toolkit, safety glasses, ear muffs, harness, fuel mixing bottle)



Image 3.1: All included components of the 4-in-1 multi-tool, including the engine, various shafts, cutting attachments, safety gear, and tools.

4. SETUP & ASSEMBLY

Follow these steps to assemble your DYRABREST 4-in-1 Garden Multi Tool. Ensure all parts are present and undamaged before beginning assembly.

4.1 Attaching the Main Shaft to the Engine

1. Align the main shaft with the engine unit.
2. Carefully insert the shaft into the engine's coupling.
3. Secure the shaft using the provided screws and a drill/screwdriver. Ensure it is tightly fastened.

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Video 4.1: Demonstrates the process of attaching the main shaft to the engine unit and securing it with screws.

4.2 Assembling the Strimmer Head and Guard

1. Attach the strimmer head to the end of the working rod.
2. Secure the strimmer head with the appropriate fasteners.
3. Mount the orange protective guard onto the working rod, ensuring it is positioned correctly to deflect debris.
4. Fasten the guard securely using the provided screws.

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Video 4.2: Shows the assembly of the strimmer head and the protective guard onto the working rod, including securing all components.

4.3 Attaching the Handlebar and Harness

1. Slide the handlebar assembly onto the main shaft.
2. Adjust the handlebar to a comfortable operating position and tighten the clamps.

3. Attach the shoulder harness to the designated hook on the main shaft.
4. Ensure the harness is properly adjusted for balance and comfort during operation.

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Video 4.3: Illustrates the installation of the handlebar and the attachment of the shoulder harness for ergonomic use.

4.4 Fuel Mixing and Filling

1. Use the provided mixing bottle to prepare the fuel mixture. The recommended ratio for this 2-stroke engine is 1:25 (oil to petrol).
2. Fill the fuel tank on the engine unit with the prepared mixture.
3. Ensure the fuel cap is securely tightened after filling.

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Video 4.4: Demonstrates the correct procedure for mixing fuel and filling the tank of the 2-stroke engine.

5. OPERATING INSTRUCTIONS

Before starting, ensure you have read and understood all safety warnings and assembly instructions.

5.1 Starting the Engine

1. Place the tool on a flat, stable surface.
2. Press the primer bulb several times until fuel is visible in the return line.
3. Set the choke lever to the "START" or "CLOSED" position.
4. Pull the starter cord firmly and smoothly until the engine attempts to start (usually 1-3 pulls).
5. Once the engine attempts to start, move the choke lever to the "RUN" or "OPEN" position.
6. Pull the starter cord again until the engine starts.
7. Allow the engine to warm up for a few moments before engaging the throttle.

5.2 Using Different Attachments

- **Strimmer/Brush Cutter:** Use for cutting grass and light brush. Maintain a steady pace and avoid hitting hard objects.
- **Hedge Cutter:** Ideal for trimming hedges and shrubs. Move the cutter in a sweeping motion, keeping both hands on the handles.
- **Pole Saw/Chainsaw:** For cutting branches. Ensure the branch is stable and use caution to avoid kickback. Always cut from the underside first to prevent pinching.

5.3 Stopping the Engine

To stop the engine, release the throttle trigger and press the engine stop switch to the "OFF" position.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your tool. Always turn off the engine and disconnect the spark plug before performing any maintenance.

- **Air Filter:** Clean or replace the air filter regularly, especially in dusty conditions.
- **Spark Plug:** Inspect and clean the spark plug periodically. Replace if worn or fouled.
- **Fuel Filter:** Check and replace the fuel filter as needed to prevent fuel system blockages.

- **Cutting Attachments:** Keep blades sharp and free of debris. Replace damaged blades or trimmer lines.
- **Gearbox:** Lubricate the gearbox of attachments according to the manual's recommendations.
- **General Cleaning:** Clean the tool after each use, removing grass, dirt, and debris from the engine and attachments.

7. TROUBLESHOOTING

If you encounter issues with your multi-tool, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Engine won't start	No fuel, incorrect choke setting, fouled spark plug, clogged fuel filter.	Check fuel level and mixture, adjust choke, clean/replace spark plug, clean/replace fuel filter.
Engine runs poorly/lacks power	Dirty air filter, incorrect fuel mixture, worn spark plug, carburetor issues.	Clean/replace air filter, ensure correct fuel mixture, replace spark plug, consult service center for carburetor.
Cutting attachment not spinning	Attachment not properly installed, drive shaft issue, clutch problem.	Re-install attachment securely, inspect drive shaft for damage, consult service center for clutch.
Excessive vibration	Damaged or unbalanced cutting blade/head, loose components.	Inspect and replace damaged blades, tighten all fasteners.

8. SPECIFICATIONS

- **Model:** CG520
- **Color:** Red, White, Black
- **Material:** Plastic, Aluminum
- **Engine Type:** 2-Stroke
- **Power:** 1.4 kW
- **Speed:** 6500 rpm
- **Displacement:** 51.7 cc
- **Oil Petrol Mixing Ratio:** 1:25
- **Fuel Tank Capacity:** 1.2 L / 0.3 gal (US) / 0.2 gal (UK)
- **Net Weight:** 16.5 kg / 36.38 lbs
- **Gross Weight:** 17.5 kg / 38.58 lbs
- **Product Length with Rod:** 2.27 m / 7.44 ft
- **Extension Rod Length:** 83 cm / 32.67 inch
- **High Branch Saw Length:** 83 cm / 32.67 inch
- **Working Rod Length:** 83 cm / 32.67 inch
- **Round Blade Diameter (Max Cutting Width):** 25 cm / 9.84 inch
- **Guide Plate Length:** 34 cm / 13.38 inch
- **Motor Size:** 20 x 30 x 30 cm / 7.87 x 11.81 x 11.81 inch

9. WARRANTY & SUPPORT

For warranty information, technical support, or service inquiries, please contact DYRABREST customer service through the retailer where the product was purchased. Keep your purchase receipt as proof of purchase.

You can also visit the official DYRABREST store for more information:[DYRABREST Store](#)