

Texas BCU52M

TEXAS BCU52M 5-in-1 Professional Petrol Garden Tool Instruction Manual

Model: BCU52M | Brand: Texas

1. SAFETY INFORMATION

Read and understand all safety warnings and instructions before operating this garden tool. Failure to follow the warnings and instructions may result in serious injury.

1.1 General Safety Warnings

- Always wear appropriate personal protective equipment (PPE) including eye protection, hearing protection, gloves, and sturdy footwear.
- Do not operate the tool when tired, ill, or under the influence of drugs or alcohol.
- Keep children, bystanders, and pets at a safe distance (at least 15 meters) from the operating area.
- Inspect the tool before each use for loose parts, damage, or wear. Do not operate a damaged tool.
- Ensure all guards and safety devices are in place and functioning correctly.

1.2 Fuel Safety

- Mix fuel (petrol and 2-stroke oil) in a well-ventilated area, away from sparks or open flames.
- Use only fresh, clean, unleaded petrol and high-quality 2-stroke engine oil.
- Do not smoke while refueling.
- Wipe up any spilled fuel immediately.
- Store fuel in approved containers in a cool, well-ventilated area.

2. PRODUCT OVERVIEW

The TEXAS BCU52M is a versatile 5-in-1 professional petrol garden tool designed for various garden maintenance tasks. It features a powerful 52 cm³ (1.7 HP) 2-stroke engine and comes with multiple interchangeable attachments.

2.1 Main Components

- **Engine Unit:** The core power unit with a 2-stroke petrol engine and pull starter.
- **Shaft:** The main shaft connecting the engine unit to the attachments.
- **Handle with Controls:** Ergonomic handle with throttle control, safety switch, and stop switch.
- **Professional Shoulder Strap:** For comfortable and fatigue-free operation.



Figure 1: Main unit of the TEXAS BCU52M garden tool.



Figure 2: Handle with integrated controls for operation.

2.2 Interchangeable Attachments

- **Brush Cutter Attachment:** Used for clearing dense brush and thick weeds. Includes a 3-tooth blade and an

80-tooth blade.

- **Line Trimmer Attachment:** For trimming grass and light weeds. Features a Tap'n Go line spool.
- **Pole Pruner (Chainsaw) Attachment:** For pruning high branches. Equipped with a 25 cm blade and an oil reservoir.
- **Hedge Trimmer Attachment:** For shaping and trimming hedges. Features a 40 cm cutting length and 24 mm cutting capacity.





Figure 3: Brush Cutter attachment with a multi-tooth blade.





Figure 4: Line Trimmer attachment with Tap'n Go spool.





Figure 5: Pole Pruner (chainsaw) attachment for high branches.





Figure 6: Hedge Trimmer attachment for shaping hedges.



Figure 7: Professional shoulder strap for enhanced comfort and control.

3. SETUP AND ASSEMBLY

This section details the assembly of the main unit and the attachment of various tools.

3.1 Fuel Mixing

The BCU52M uses a 2-stroke engine and requires a specific petrol/oil mixture. Refer to the engine manufacturer's recommendations for the exact mixing ratio, typically 25:1 or 50:1 (petrol:2-stroke oil). Use fresh, unleaded petrol and high-quality 2-stroke engine oil.

1. Obtain an approved fuel mixing container.
2. Pour half the required amount of petrol into the container.
3. Add the correct amount of 2-stroke oil.
4. Shake the container to mix thoroughly.
5. Add the remaining petrol and shake again.
6. Fill the tool's fuel tank (1 liter capacity) carefully, avoiding spills.

Warning: Never use pure petrol or an incorrect fuel mixture, as this will damage the engine and void the warranty.

3.2 Attaching the Shaft and Handle

1. Connect the main engine unit to the shaft. Ensure the connection is secure.
2. Attach the handle assembly to the shaft at a comfortable operating position. Tighten all fasteners firmly.

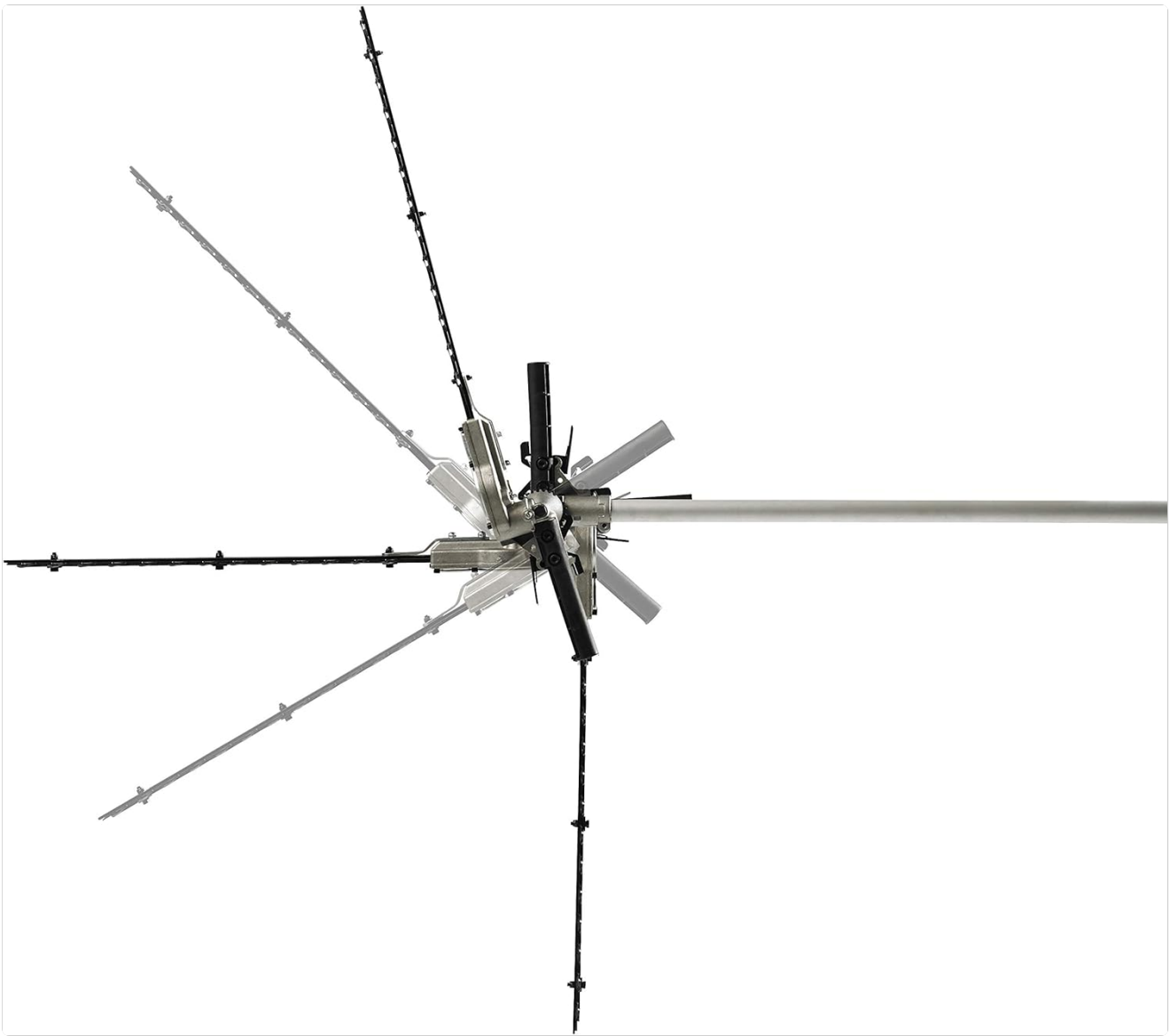


Figure 8: Securely connecting the shaft components.

3.3 Attaching the Working Head

To attach any of the working heads (brush cutter, line trimmer, pole pruner, hedge trimmer):

1. Align the attachment shaft with the main shaft.
2. Push the attachment onto the main shaft until it clicks into place or the locking pin engages.
3. Secure the attachment with the provided locking mechanism (e.g., screw knob or quick-release clamp).
4. Ensure the attachment is firmly seated and does not wobble.

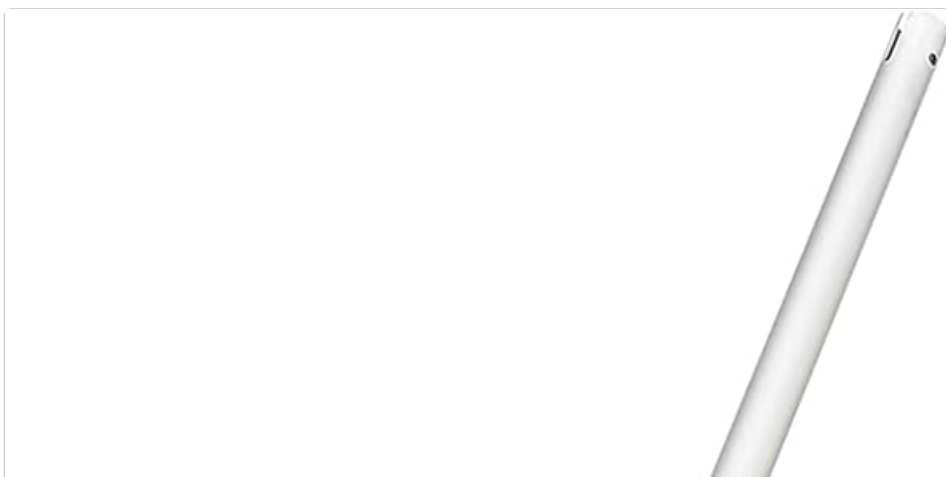




Figure 9: Example of attaching a working head to the main shaft.







Figure 10: Pole Pruner attachment fully assembled.





Figure 11: Hedge Trimmer attachment fully assembled.





Figure 12: Brush Cutter attachment fully assembled.





Figure 13: Line Trimmer attachment fully assembled.

3.4 Adjusting the Shoulder Strap

Attach the professional shoulder strap to the designated hook on the main shaft. Adjust the strap length to ensure the tool is balanced and comfortable to operate, reducing strain during prolonged use.

4. OPERATING INSTRUCTIONS

Before starting, ensure you have read the safety information and the tool is correctly assembled with the desired attachment.

4.1 Starting the Engine

1. Place the tool on a flat, stable surface.

2. Ensure the stop switch is in the "ON" position.
3. Engage the choke (if cold start).
4. Press the primer bulb several times until fuel is visible.
5. Pull the starter cord firmly and smoothly until the engine starts.
6. Once the engine starts, gradually disengage the choke.
7. Allow the engine to warm up for a few moments before engaging the throttle.

Caution: The cutting attachment will rotate when the engine is running and the throttle is engaged. Keep clear of the cutting area.

4.2 Using the Brush Cutter

The brush cutter is ideal for dense vegetation. Use the 3-tooth blade for general brush and the 80-tooth blade for thicker, woodier growth.

- Always use the appropriate guard for the blade.
- Maintain a firm grip on the handles.
- Swing the tool in a controlled arc, cutting from right to left for optimal efficiency.
- Avoid hitting hard objects like rocks or metal.

4.3 Using the Line Trimmer

The line trimmer is for grass and light weeds. The Tap'n Go feature allows for easy line extension.

- Ensure the line guard is properly installed.
- To extend the line, tap the trimmer head gently on the ground while the engine is running at full throttle.
- Trim with a sweeping motion, keeping the line parallel to the ground.
- Maintain a safe distance from fences, walls, and other obstacles to prevent line breakage.

4.4 Using the Pole Pruner

The pole pruner is designed for cutting high branches. The total length of 230 cm allows access to elevated areas.

- Fill the oil reservoir (60 ml capacity) with appropriate chainsaw chain oil before use.
- Ensure the chain is properly tensioned and lubricated.
- Always stand on a stable surface. Do not overreach.
- Make relief cuts to prevent pinching and ensure a clean fall of the branch.
- Be aware of falling branches and maintain a safe distance from others.

4.5 Using the Hedge Trimmer

The hedge trimmer is for shaping and trimming hedges and shrubs.

- Ensure the blades are sharp and free of debris.
- Cut with a smooth, even motion.
- For thick branches (up to 24 mm), use a slow, steady approach.
- Maintain a stable footing and avoid cutting above shoulder height.

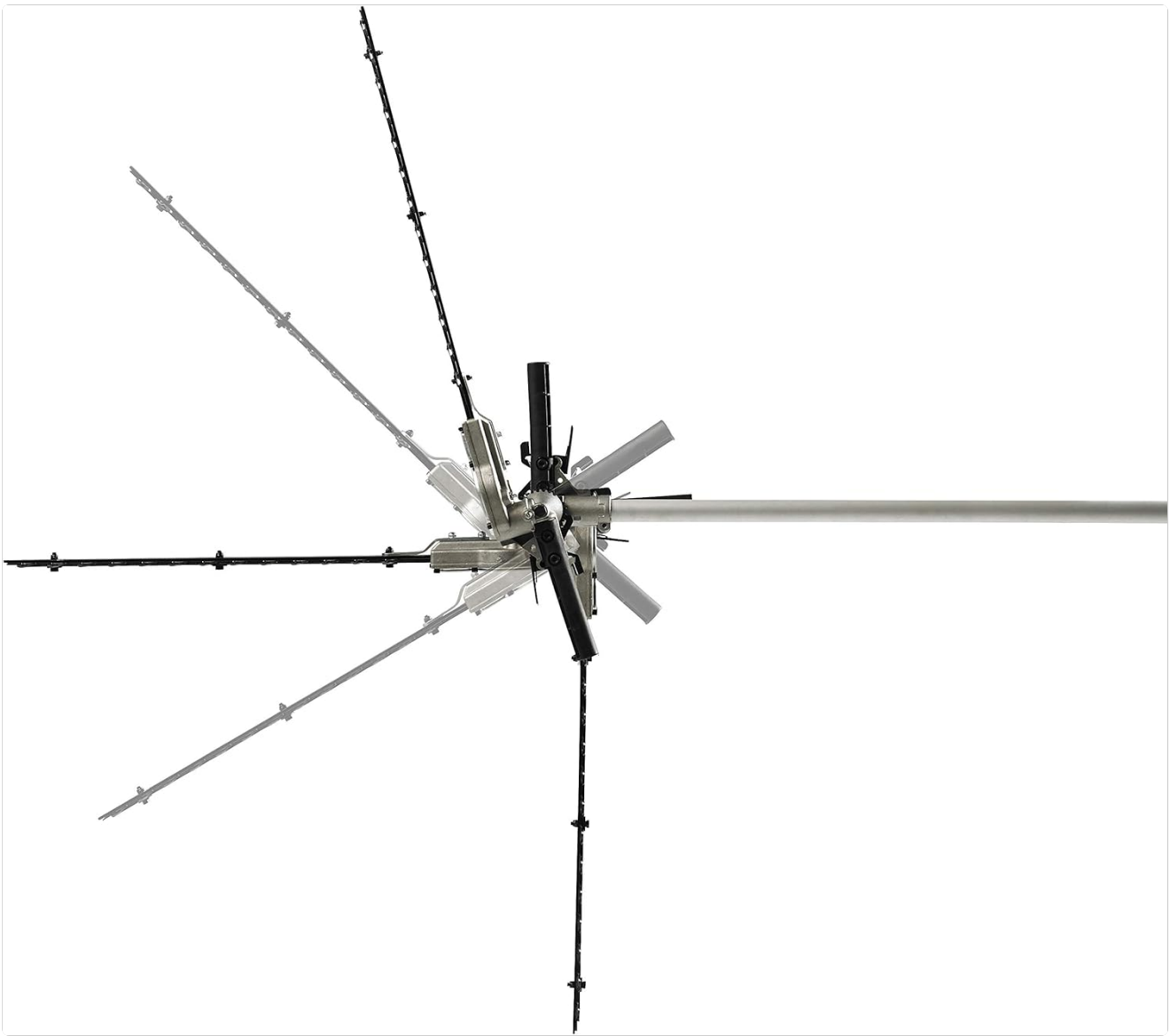


Figure 14: The adjustable angle feature for the hedge trimmer attachment, allowing for versatile cutting positions.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your TEXAS BCU52M tool. Always turn off the engine and disconnect the spark plug wire before performing any maintenance.

5.1 Engine Maintenance

- **Spark Plug:** Inspect and clean the spark plug every 25 hours of operation. Replace if worn or fouled.
- **Air Filter:** Clean the air filter regularly, especially in dusty conditions. Wash foam filters with warm, soapy water, rinse, and allow to dry completely before re-oiling lightly.
- **Fuel Filter:** Check and replace the fuel filter annually or if fuel delivery issues occur.

5.2 Attachment Maintenance

- **Blades (Brush Cutter, Hedge Trimmer):** Keep blades sharp and clean. Sharpen or replace dull blades. Lubricate hedge trimmer blades after each use with a light machine oil.
- **Line Trimmer Head:** Inspect the line spool for wear. Replace the trimmer line as needed (2.4 mm thickness).
- **Chainsaw Chain (Pole Pruner):** Keep the chain sharp and properly tensioned. Ensure the oil reservoir is filled with chain oil before each use.

5.3 Cleaning and Storage

- Clean the tool thoroughly after each use, removing grass, dirt, and debris from the engine and attachments.
- Store the tool in a dry, well-ventilated area, away from direct sunlight and extreme temperatures.
- For long-term storage, drain the fuel tank or use a fuel stabilizer to prevent fuel degradation.

6. TROUBLESHOOTING

This section provides solutions to common operational issues. For problems not listed here, contact a qualified service technician.

Problem	Possible Cause	Solution
Engine does not start	<ul style="list-style-type: none">• No fuel or incorrect fuel mixture• Stop switch in "OFF" position• Choke not engaged (cold start)• Spark plug fouled or loose• Air filter clogged	<ul style="list-style-type: none">• Fill with correct fuel mixture• Move stop switch to "ON"• Engage choke• Clean or replace spark plug; ensure it's tight• Clean air filter
Engine runs poorly or stalls	<ul style="list-style-type: none">• Incorrect fuel mixture• Clogged fuel filter• Dirty air filter• Spark plug issue	<ul style="list-style-type: none">• Use correct fuel mixture• Replace fuel filter• Clean air filter• Inspect/replace spark plug
Attachment not cutting effectively	<ul style="list-style-type: none">• Dull or damaged blade/line• Incorrect operating technique	<ul style="list-style-type: none">• Sharpen or replace blade/line• Review operating instructions for the specific attachment
Excessive vibration	<ul style="list-style-type: none">• Loose fasteners• Damaged or unbalanced blade	<ul style="list-style-type: none">• Check and tighten all fasteners• Inspect and replace damaged blades

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	BCU52M
Engine Type	2-stroke, Petrol
Engine Displacement	52 cm ³
Engine Power	1.7 HP (1250 W)
Fuel Tank Volume	1 Liter

Feature	Specification
Starter	Pull Starter
Weight (without attachment)	6.1 Kilograms
Overall Dimensions (L x W x H)	50 x 50 x 28 cm (packaged/base unit)
Material	Carbon Steel (blades)
Max Speed	3000 rpm
Brush Cutter: Cutting Width (3-tooth/80-tooth blade)	25 cm
Line Trimmer: Cutting Width	43 cm
Line Trimmer: Line Thickness	2.4 mm
Pole Pruner: Blade Length	25 cm
Pole Pruner: Oil Reservoir Volume	60 ml
Hedge Trimmer: Cutting Length	40 cm
Hedge Trimmer: Cutting Thickness	24 mm

8. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or contact Texas customer support directly. Keep your proof of purchase for any warranty claims.

For technical assistance, spare parts, or service, please contact your authorized Texas dealer or visit the official Texas website for support contact details.