

Daewoo DAMT520

Daewoo DAMT520 51.7cc Multifunction Cutting Kit User Manual

Model: DAMT520 | Brand: Daewoo

1. INTRODUCTION

The Daewoo DAMT520 Multifunction Cutting Kit is a versatile 4-in-1 tool designed for various garden maintenance tasks. This kit includes a powerful 51.7cc 2-stroke gasoline engine and interchangeable attachments for hedge trimming, chainsaw pruning, and brush cutting. This manual provides essential information for the safe and effective operation, assembly, and maintenance of your Daewoo DAMT520.

2. SAFETY WARNINGS

WARNING: Failure to follow these safety instructions may result in serious injury or death.

- Always wear appropriate personal protective equipment (PPE), including safety glasses, work gloves, and hearing protection, when operating the tool.
- Keep bystanders, children, and pets at a safe distance (at least 15 meters) from the operating area.
- Do not operate the chainsaw attachment in areas where there is a risk of fire or explosion.
- Inspect the tool before each use. Do not operate the chainsaw if it is damaged or if fuel is leaking.
- When using the chainsaw, wear a dust and fume protection mask to avoid inhaling harmful particles.
- Ensure proper ventilation when refueling or operating the engine.
- Never modify the tool or use non-approved attachments.
- Always handle fuel with extreme care. Store fuel in an approved container in a well-ventilated area.
- Before performing any maintenance or cleaning, ensure the engine is turned off and cooled down.

3. PRODUCT OVERVIEW

The Daewoo DAMT520 kit consists of a powerful engine unit and three interchangeable cutting attachments:

- **Engine Unit:** The core power source, a 51.7cc 2-stroke gasoline engine with a D-handle for control.
- **Hedge Trimmer Attachment:** For shaping and trimming hedges and shrubs.
- **Chainsaw Attachment:** For pruning branches and cutting smaller trees.

- **Brush Cutter Attachment:** For clearing grass and dense vegetation.



Figure 1: The Daewoo DAMT520 Multifunction Cutting Kit. This image displays the complete kit, including the main power unit with the 51.7cc 2-stroke engine and D-handle. To the right, separated, are the three interchangeable attachments: a pole chainsaw, a hedge trimmer, and a brush cutter head, each designed to connect to the main shaft.

4. ASSEMBLY AND SETUP

The Daewoo DAMT520 requires assembly before first use. Follow these general steps:

1. **Unpack Components:** Carefully remove all parts from the packaging and check against the packing list.
2. **Assemble Shaft:** Connect the main shaft sections if they are separate. Ensure they are securely fastened.
3. **Attach Engine Unit:** Securely attach the engine unit to the main shaft, ensuring all clamps and bolts are tightened.
4. **Select and Attach Tool Head:** Choose the desired attachment (hedge trimmer, chainsaw, or brush cutter). Align the attachment with the end of the shaft and secure it according to the specific instructions for that attachment. Ensure it is firmly locked in place.
5. **Fuel Preparation:** The engine requires a mixture of gasoline and 2-stroke engine oil. The recommended mixing ratio is **25 ml of 2-stroke oil per liter of unleaded gasoline**. Mix thoroughly in an approved fuel container before filling the fuel tank.
6. **Chainsaw Oil (if applicable):** For the chainsaw attachment, fill the chain oil reservoir with appropriate chain lubricant.

Refer to the detailed diagrams in your product's specific assembly guide for precise instructions on connecting each component.

5. OPERATING INSTRUCTIONS

5.1 General Engine Operation

1. **Starting the Engine:** Follow the manufacturer's specific starting procedure, typically involving priming the carburetor, setting the choke, pulling the starter cord, and then adjusting the choke as the engine warms up.
2. **Stopping the Engine:** Release the throttle and press the engine stop switch.

3. **Throttle Control:** Use the throttle lever on the handle to control engine speed and cutting power.

5.2 Using the Hedge Trimmer Attachment

- This attachment is designed for cutting hedges and shrubs with a maximum branch diameter of 24 mm.
- The blade length is 410 mm, providing a good reach for various hedge sizes.
- Operate the trimmer with a steady, sweeping motion, ensuring both hands are firmly on the handles.
- Avoid cutting branches thicker than the recommended capacity to prevent damage to the blades and engine.

5.3 Using the Chainsaw Attachment

- The chainsaw attachment is suitable for pruning fruit trees, cutting hanging branches, and trimming tree tops.
- It features a 250 mm (10-inch) bar, with a maximum effective cutting length of 200 mm.
- Ensure the chain is properly tensioned and lubricated before each use.
- Always maintain a secure footing and balance. Be aware of kickback potential.
- Do not attempt to cut branches larger than the recommended cutting length.

5.4 Using the Brush Cutter Attachment

- This attachment is designed for cutting grass and small vegetation.
- It has a cutting width of 380 mm and is ideal for use with a 2 mm cutting line.
- Clear the work area of any debris, rocks, or objects that could be thrown by the cutting line.
- Operate with a steady, controlled motion, keeping the cutting head away from your body and feet.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Daewoo DAMT520. Always ensure the engine is off and cool before performing any maintenance.

- **Cleaning:** After each use, clean the engine unit and attachments to remove grass, dirt, and debris. Use a damp cloth; avoid using high-pressure water.
- **Air Filter:** Periodically inspect and clean the air filter. A clogged air filter can reduce engine performance.
- **Spark Plug:** Check the spark plug for wear and proper gap. Replace if necessary.
- **Fuel System:** Drain the fuel tank if storing the tool for an extended period to prevent fuel degradation.
- **Cutting Attachments:**
 - **Hedge Trimmer:** Keep blades sharp and lubricated. Inspect for damage.
 - **Chainsaw:** Ensure the chain is sharp, properly tensioned, and adequately lubricated. Check the bar for wear.
 - **Brush Cutter:** Inspect the cutting line or blade for wear and replace as needed.
- **General Inspection:** Regularly check all nuts, bolts, and fasteners for tightness. Inspect for any signs of wear or damage to cables and hoses.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Daewoo DAMT520.

- **Engine Fails to Start:**
 - Check fuel level and ensure correct fuel/oil mixture.
 - Verify spark plug is clean and properly connected.
 - Ensure choke is set correctly for starting.
- **Loss of Power During Operation:**
 - Clean or replace the air filter.
 - Check for proper fuel flow.
 - Ensure cutting attachments are not clogged or dull.
- **Excessive Vibration:**
 - Inspect cutting attachments for damage or imbalance.
 - Check for loose fasteners on the shaft or engine unit.

If problems persist after attempting these solutions, contact a qualified service technician.

8. SPECIFICATIONS

Model Number	DAMT520
Brand	Daewoo
Engine Type	2-stroke, Gas-powered
Engine Displacement	51.7 cc
Engine Power	2.2 kW / 2.3 HP
Idle Speed	2800 ± 2000 rpm
Fuel Mixing Ratio	25 ml oil per 1 liter fuel
Shaft Length	1500 mm
Shaft Diameter	26 mm
Hedge Trimmer Blade Length	410 mm
Hedge Trimmer Cutting Capacity	Ø 24 mm
Chainsaw Bar Length	250 mm
Chainsaw Cutting Length	200 mm
Chainsaw Oil Tank Capacity	120 cc
Brush Cutter Width	380 mm
Item Weight	14.3 Kilograms
Product Dimensions (L x W x H)	24 x 24 x 25 cm (packaged)
Material	Plastic (housing)

Assembly Required

Yes

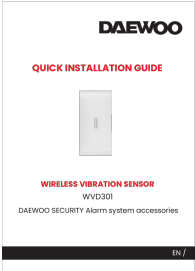
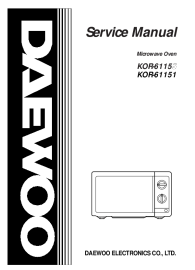
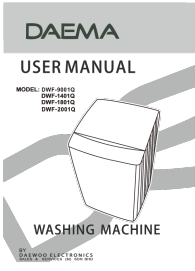
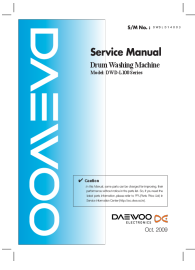
9. WARRANTY AND SUPPORT


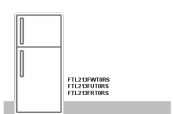
For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. Daewoo Power Products aims to provide reliable tools and customer support.

If you require technical assistance, spare parts, or have questions regarding the operation or maintenance of your DAMT520, please contact Daewoo customer service or an authorized service center. Keep your purchase receipt and model number (DAMT520) handy for faster service.

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Related Documents - DAMT520

	<p>Daewoo WVD301 Wireless Vibration Sensor Quick Installation Guide</p> <p>This guide provides quick installation instructions for the Daewoo WVD301 Wireless Vibration Sensor. Learn about its product description, technical specifications, installation steps, LED indicators, maintenance, and compliance standards.</p>
	<p>DAEWOO KOR-6115 & KOR-61151 Microwave Oven Service Manual</p> <p>Detailed service manual for DAEWOO KOR-6115 and KOR-61151 microwave ovens, covering specifications, installation, operation, troubleshooting, and parts lists for qualified service personnel.</p>
	<p>Daewoo Washing Machine User Manual - DWF-9001Q, DWF-1401Q, DWF-1801Q, DWF-2001Q</p> <p>Comprehensive user manual for Daewoo washing machines, models DWF-9001Q, DWF-1401Q, DWF-1801Q, and DWF-2001Q. Covers safety precautions, part identification, specifications, installation, operation, troubleshooting, and care.</p>
	<p>Daewoo DWD-L100 Series Drum Washing Machine Service Manual</p> <p>This service manual provides detailed technical information, parts lists, specifications, and troubleshooting guidance for the Daewoo DWD-L100 Series drum washing machines. It is intended for service technicians and maintenance personnel.</p>

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Documents - Daewoo – DAMT520



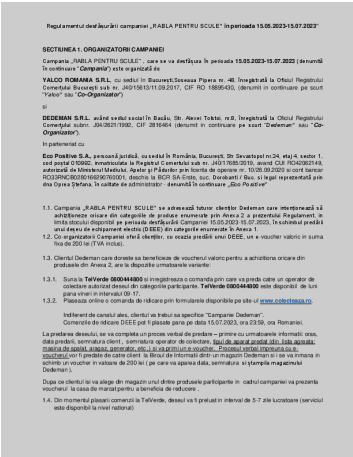
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