

Kyocera EBVK-2650

Kyocera EBVK-2650 Engine Blower Vacuum Instruction Manual

Model: EBVK-2650

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1. INTRODUCTION

This manual provides essential instructions for the safe and efficient use of your Kyocera EBVK-2650 Engine Blower Vacuum. Please read this manual thoroughly before operating the machine and keep it for future reference. The EBVK-2650 is designed for blowing and vacuuming leaves and light debris in outdoor environments.



Image 1.1: The Kyocera EBVK-2650 Engine Blower Vacuum in its primary blower configuration. This image shows the main unit with the straight nozzle attached, ready for blowing leaves and debris.

2. SAFETY INFORMATION

Always prioritize safety when operating power tools. Failure to follow these instructions may result in serious injury or property damage.

2.1 General Safety Rules

- Read and understand all instructions before operating the machine.
- Wear appropriate personal protective equipment (PPE), including eye protection, hearing protection, gloves, and sturdy footwear.

- Do not operate the machine in wet conditions or in the presence of flammable liquids or gases.
- Keep children, bystanders, and pets at a safe distance (at least 15 meters / 50 feet) from the operating area.
- Inspect the machine for loose parts, damage, or wear before each use. Do not operate a damaged machine.
- Ensure proper ventilation when operating the engine, as exhaust fumes contain carbon monoxide.
- Never point the blower nozzle at people or animals.
- Turn off the engine and allow it to cool before refueling, cleaning, or performing maintenance.
- Store the machine in a dry, secure location, out of reach of children.

2.2 Fuel Safety

- Use only the recommended fuel mixture: unleaded gasoline and 2-cycle engine oil at a 50:1 ratio.
- Mix fuel in a well-ventilated area, away from sparks or open flames.
- Do not smoke while mixing or refueling.
- Wipe up any spilled fuel immediately.
- Store fuel in an approved container in a cool, dry place.

3. PACKAGE CONTENTS AND COMPONENTS

Verify that all components are present and undamaged upon unpacking.

3.1 Included Accessories

- Main Unit (Engine Blower Vacuum)
- Straight Nozzle
- Curved Nozzle
- Suction Pipe
- Fan Nozzle
- Dust Bag
- Socket Wrench (13x19mm)
- Instruction Manual

3.2 Key Components Overview

Familiarize yourself with the main parts of the EBVK-2650.



Image 3.1: The Ryocera EBVK-2650 configured for vacuuming. This view shows the suction pipe and the dust bag attached, ready to collect leaves and debris.

- **Engine Unit:** The core power source.
- **Fuel Tank:** For mixed fuel.
- **Starter Handle:** For manual engine start.
- **Throttle Lever:** Controls engine speed.
- **Stop Switch:** To turn off the engine.
- **Air Filter Cover:** Protects the air filter.
- **Spark Plug:** For ignition.
- **Blower/Vacuum Port:** Where nozzles or suction pipe attach.
- **Dust Bag Connection:** For attaching the collection bag in vacuum mode.

4. SETUP AND ASSEMBLY

4.1 Assembling for Blower Mode

1. Ensure the engine is off and cool.
2. Attach the desired nozzle (straight or curved) to the blower port. Twist until securely locked.
3. Confirm all connections are tight before use.



Image 4.1: A close-up view of the Ryocera EBVK-2650 in operation, demonstrating the blower function. The user is holding the unit, directing the airflow.

4.2 Assembling for Vacuum/Mulching Mode

1. Ensure the engine is off and cool.
2. Remove any blower nozzles from the blower port.
3. Attach the suction pipe to the intake port. Secure it firmly.
4. Connect the dust bag to the exhaust port. Ensure the bag is properly sealed to prevent debris leakage.
5. Confirm all connections are tight before use.



Image 4.2: The Kyocera EBVK-2650 being used in vacuum mode. The suction pipe is directed towards leaves, and the dust bag is visible, collecting the mulched debris.

4.3 Fuel Preparation and Filling

The EBVK-2650 uses a 2-cycle engine. It requires a specific mixture of unleaded gasoline and 2-cycle engine oil.

- **Fuel Ratio:** Unleaded Gasoline : 2-Cycle Engine Oil = 50:1
- Use high-quality 2-cycle engine oil specifically designed for air-cooled engines.
- Mix the fuel in a separate, approved fuel container. Shake well before filling.
- Open the fuel tank cap slowly to release pressure.
- Fill the fuel tank (capacity 0.47 L) carefully, avoiding overfilling.
- Securely close the fuel tank cap.

5. OPERATING INSTRUCTIONS

5.1 Starting the Engine

1. Place the machine on a flat, stable surface.
2. Ensure the stop switch is in the "ON" position.
3. Engage the choke lever (if cold start).
4. Press the primer bulb several times until fuel is visible.
5. Pull the starter handle firmly and smoothly until the engine starts. Do not pull the rope to its full extension.
6. Once the engine starts, gradually disengage the choke.
7. Allow the engine to warm up for a few moments before applying full throttle.



Image 5.1: A user demonstrating the engine starting procedure for the Kyocera EBVK-2650. The starter handle is being pulled to ignite the engine.

5.2 Blower Operation

1. Hold the machine firmly with both hands.
2. Direct the nozzle towards the debris you wish to move.
3. Gradually increase the throttle to achieve the desired airflow.
4. Use a sweeping motion to gather leaves and debris into piles.



Image 5.2: A user operating the Kyocera EBVK-2650 in blower mode, clearing leaves from a path. The machine is held comfortably, directing the airflow.

5.3 Vacuum/Mulching Operation

1. Ensure the machine is correctly assembled for vacuum mode with the dust bag attached.
2. Hold the machine firmly, guiding the suction pipe over the leaves.
3. Move slowly and steadily to allow the machine to pick up and mulch debris.
4. Monitor the dust bag and empty it when it becomes full to maintain optimal performance.
5. Note: Mulching performance varies based on leaf type, size, and moisture content. Avoid vacuuming

wet leaves or large, hard objects.



Image 5.3: A user operating the Kyocera EBVK-2650 in vacuum mode, actively collecting leaves from a paved area. The dust bag is visible, indicating collection.

5.4 Stopping the Engine

1. Release the throttle lever to allow the engine to idle.
2. Move the stop switch to the "OFF" position.
3. Allow the machine to cool down before storage or maintenance.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your EBVK-2650. Always ensure the engine is off and cool before performing any maintenance.

6.1 Air Filter Cleaning

- Remove the air filter cover.
- Carefully remove the air filter element.
- Clean the filter by tapping it gently or using compressed air. If heavily soiled, wash with warm, soapy water, rinse thoroughly, and allow to dry completely before reinstallation.
- Replace the air filter cover.

6.2 Spark Plug Inspection and Replacement

- Remove the spark plug cap.
- Use the provided socket wrench to remove the spark plug (NGK BPM8Y).
- Inspect the spark plug for wear, carbon buildup, or damage. Clean if necessary.
- Check the electrode gap and adjust if needed.
- Replace with a new spark plug of the recommended type if worn or damaged.
- Reinstall the spark plug and cap securely.

6.3 Fuel Filter

The fuel filter is located inside the fuel tank. Inspect it periodically for debris. If clogged, replace it. This procedure may require professional assistance.

6.4 Carburetor Adjustment

Carburetor adjustments should ideally be performed by a qualified service technician. Incorrect adjustments can lead to engine damage or poor performance.

6.5 Storage

- For long-term storage, drain all fuel from the tank and run the engine until it stops to clear the carburetor.
- Clean the exterior of the machine.
- Store in a dry, dust-free location, away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

This section addresses common issues you might encounter. For problems not listed here, contact customer support.

Problem	Possible Cause	Solution
Engine does not start	Stop switch in "OFF" position No fuel or incorrect fuel mixture Clogged fuel filter Dirty or faulty spark plug Choke not engaged (cold start)	Move stop switch to "ON" Fill with correct fuel mixture Clean/replace fuel filter Clean/replace spark plug Engage choke
Engine runs, but lacks power	Clogged air filter Incorrect fuel mixture Worn spark plug Carburetor needs adjustment	Clean air filter Use correct fuel mixture Replace spark plug Consult service technician
Excessive vibration	Loose components Damaged fan/impeller	Check and tighten all fasteners Discontinue use and consult service technician

8. SPECIFICATIONS

Feature	Detail
Brand	Kyocera
Model Number	EBVK-2650
Engine Type	Air-cooled 2-cycle single cylinder gasoline engine
Displacement	25.4 ml
Average Air Volume	8.7 m³/min
Maximum Air Volume	67.5 m³/min
Ignition Method	Electronic ignition (Flywheel magnet)
Spark Plug	NGK BPM8Y
Carburetor Type	Diaphragm type

Feature	Detail
Fuel	Mixed fuel (Unleaded gasoline: 2-cycle engine oil = 50:1)
Fuel Tank Capacity	0.47 L
Dimensions (L x W x H, excluding nozzle)	330 x 270 x 345 mm
Weight (excluding nozzle, fuel)	4.2 kg
Accessories Included	Straight nozzle, Curved nozzle, Suction pipe, Fan nozzle, Dust bag, Socket wrench (13x19mm)
Recommended Use	Dust cleaning, Leaf cleaning



Note: Product specifications are subject to change without notice for improvement. The listed weight of 8.1 kg in some product descriptions likely includes packaging and all accessories, while 4.2 kg refers to the bare unit.

9. WARRANTY AND SUPPORT

For warranty information, service, or technical support, please refer to the warranty card included with your product or visit the official Kyocera website. Keep your proof of purchase for warranty claims.

Kyocera Customer Support: Please visit the official Kyocera website or contact your local dealer for assistance.

Related Documents - EBVK-2650

	<p>Kyocera 7135 Smartphone: Enterprise Resource Guide & Features</p> <p>Comprehensive guide to the Kyocera 7135 smartphone, detailing its features, enterprise solutions, accessories, software, case studies, and FAQs for business professionals.</p>
	<p>KYOCERA Net Manager Embedded: Installation and User Guide</p> <p>Comprehensive guide to installing, configuring, and using the KYOCERA Net Manager Embedded terminal software for managing print jobs, accounting, and device operations on Kyocera multifunction printers.</p>

	<p>KYOCERA TASKalfa Pro 15000c Advanced Operation Guide</p> <p>Comprehensive guide for professional users on the operation, maintenance, and troubleshooting of the KYOCERA TASKalfa Pro 15000c production printer. Essential for efficient use and problem resolution.</p>
	<p>KYOCERA Microsoft Connector Setup and Operation Guide</p> <p>This guide provides comprehensive instructions for setting up and operating the KYOCERA Microsoft Connector, enabling seamless document scanning and printing with Microsoft SharePoint, Exchange, and OneDrive for Business from Kyocera HyPAS-enabled MFPs.</p>
	<p>Kyocera TASKalfa MZ5001i: Advanced A3 B&W Multifunction Printer Specifications</p> <p>Explore the Kyocera TASKalfa MZ5001i, an A3 Black & White multifunction printer offering high-speed copying, printing, scanning, and optional fax. Discover its advanced features, paper handling, security, and finishing options for business efficiency.</p>
<p>Safety & warranty information.</p> 	<p>Kyocera DuraForce PRO 2 Safety and Warranty Information</p> <p>This document provides essential safety guidelines, operational instructions, and warranty details for the Kyocera DuraForce PRO 2 smartphone. It covers topics such as safe usage, RF energy, water resistance, battery care, and manufacturer warranty terms.</p>