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## Kubota ARX 5500 B

# Kubota ARX 5500 B Generator Operator's Manual

Essential instructions for safe and efficient operation.

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## INTRODUCTION

This manual provides detailed instructions for the safe and proper operation, maintenance, and troubleshooting of your Kubota ARX 5500 B Generator. Please read this manual thoroughly before operating the generator to ensure safe use and to prevent damage to the equipment or injury to personnel. Keep this manual in a safe place for future reference. The Kubota ARX 5500 B Generator is designed to provide reliable electrical power for various applications. Adherence to the guidelines presented herein will maximize the generator's lifespan and performance.

## IMPORTANT SAFETY INFORMATION

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury. This section outlines critical safety warnings and instructions.

- **Carbon Monoxide Hazard:** Generators produce carbon monoxide, a colorless, odorless, poisonous gas. Operate the generator outdoors in a well-ventilated area, far from windows, doors, and vents. Never operate indoors or in enclosed spaces.
- **Electrical Shock Hazard:** Never operate the generator in wet conditions. Ensure all electrical connections are dry and properly insulated. Use ground fault circuit interrupters (GFCIs) when operating in damp locations.
- **Fire Hazard:** Fuel is highly flammable. Refuel in a well-ventilated area with the engine off and cool. Do not smoke or allow open flames near the generator. Store fuel in approved containers.
- **Hot Surfaces:** The generator engine and muffler become very hot during operation and remain hot for a period after shutdown. Avoid contact to prevent burns.
- **Read the Manual:** Before operating, read and understand all instructions and safety warnings in this manual.

## SETUP AND ASSEMBLY

Proper setup is crucial for safe and efficient operation. Follow these steps carefully.

### 1. Unpacking

1. Carefully remove the generator from its packaging.
2. Inspect for any shipping damage. Contact your dealer immediately if damage is found.
3. Verify all components listed in the packing list are present.

## 2. Placement

- Place the generator on a firm, level surface.
- Ensure adequate clearance (at least 5 feet) from buildings, vehicles, and other combustible materials.
- Operate only in a well-ventilated outdoor area.

## 3. Adding Engine Oil

The generator is shipped without engine oil. You must add the correct type and amount before first use.

1. Remove the oil fill cap/dipstick.
2. Add recommended engine oil (SAE 10W-30 for general use) to the "FULL" mark on the dipstick. Do not overfill.
3. Replace the oil fill cap/dipstick securely.

## 4. Adding Fuel

Use clean, fresh, unleaded gasoline with an octane rating of 87 or higher.

1. Ensure the generator is off and cool.
2. Open the fuel tank cap.
3. Fill the tank slowly, leaving a small air gap at the top to allow for fuel expansion. Do not overfill.
4. Securely replace the fuel tank cap.
5. Wipe up any spilled fuel immediately.

## OPERATING INSTRUCTIONS

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Follow these steps for starting and stopping your generator.

### 1. Pre-Start Checklist

- Check engine oil level.
- Check fuel level.
- Ensure all electrical loads are disconnected from the generator.
- Verify the generator is on a level surface in a well-ventilated outdoor area.

### 2. Starting the Engine

1. Turn the fuel valve to the "ON" position.
2. Move the choke lever to the "CHOKE" position (if engine is cold).
3. Turn the engine switch to the "ON" position.
4. Pull the recoil starter handle slowly until resistance is felt, then pull briskly.
5. Once the engine starts, gradually move the choke lever to the "RUN" position.
6. Allow the engine to warm up for a few minutes before connecting electrical loads.

### 3. Connecting Electrical Loads

- Ensure the generator is running smoothly.
- Plug in appliances one at a time, starting with the largest load.
- Do not overload the generator. Refer to the generator's rated wattage.

## 4. Stopping the Engine

1. Disconnect all electrical loads from the generator.
2. Allow the engine to run for a few minutes without load to cool down.
3. Turn the engine switch to the "OFF" position.
4. Turn the fuel valve to the "OFF" position.

## MAINTENANCE SCHEDULE AND PROCEDURES

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Regular maintenance ensures optimal performance and extends the life of your generator. Always perform maintenance with the engine off and cool.

### Maintenance Schedule

Item	Before Each Use	Every 25 Hours / Monthly	Every 100 Hours / Annually
Engine Oil Level	Check		
Engine Oil		Change	
Air Filter		Clean	Replace
Spark Plug		Inspect	Clean/Adjust/Replace
Fuel Filter			Inspect/Replace

### Detailed Procedures

#### Engine Oil Change

1. Place a drain pan under the oil drain plug.
2. Remove the oil drain plug and oil fill cap/dipstick.
3. Allow all oil to drain completely.
4. Replace the drain plug and tighten securely.
5. Refill with the recommended amount and type of new engine oil.
6. Check the oil level with the dipstick and replace the fill cap.

#### Air Filter Cleaning/Replacement

1. Remove the air filter cover.
2. Remove the foam filter element.
3. Wash the foam element in warm, soapy water, rinse thoroughly, and allow to air dry completely.
4. Lightly oil the foam element with engine oil and squeeze out excess.
5. Reinstall the foam element and air filter cover. Replace if damaged or excessively dirty.

## TROUBLESHOOTING GUIDE

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This section provides solutions to common operational issues. For problems not listed, contact authorized service personnel.

Problem	Possible Cause	Solution
Engine will not start	No fuel	Add fresh fuel.
	Fuel valve OFF	Turn fuel valve to ON.
	Engine switch OFF	Turn engine switch to ON.
	Low oil level	Add engine oil to correct level.
	Choke not set correctly	Adjust choke lever as needed for cold/warm start.
No power output	Circuit breaker tripped	Reset circuit breaker. Reduce load.
	Overloaded generator	Reduce connected electrical load.
Engine runs rough	Stale fuel	Drain old fuel and add fresh fuel.
	Dirty air filter	Clean or replace air filter.

## TECHNICAL SPECIFICATIONS

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Key technical data for the Kubota ARX 5500 B Generator. For precise figures, refer to your product's physical labels or original documentation.

**Model:** Kubota ARX 5500 B

**Engine Type:** Single Cylinder, 4-Stroke, Air-Cooled

**Max AC Output:** 5500 Watts

**Rated AC Output:** 5000 Watts

**Rated Voltage:** 120V/240V

**Rated Frequency:** 60 Hz

**Fuel Tank Capacity:** Approximately 4 Gallons

**Oil Capacity:** Approximately 0.6 Quarts

**Dimensions (L x W x H):** Varies by specific configuration

**Weight:** Varies by specific configuration

## WARRANTY AND CUSTOMER SUPPORT

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Kubota products are manufactured to high standards and are backed by a limited warranty. For specific warranty terms and conditions, please refer to the warranty card included with your generator or visit the official Kubota website.

For technical assistance, parts, or service, please contact your authorized Kubota dealer or Kubota customer support.

**Official Website:** [www.kubotausa.com](http://www.kubotausa.com)

**Customer Service:** Refer to the website for regional contact information.

When contacting support, please have your generator's model number (ARX 5500 B) and serial number ready.

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