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› Flying Banana Mini Sewing Machine Model 202 Upgrade Instruction Manual

Flying Banana 202 Upgrade

Flying Banana Mini Sewing Machine Model 202 Upgrade Instruction Manual

Your Guide to Effortless Sewing

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation of your Flying Banana Mini Sewing Machine Model 202 Upgrade. Designed for ease of use, this portable electric sewing machine is suitable for beginners and experienced users alike, making it ideal for various household sewing projects and quick repairs. Please read this manual thoroughly before first use and retain it for future reference.

2. SAFETY INSTRUCTIONS

- Always unplug the machine from the power source when changing the needle, threading, or when the machine is not in use.
- Keep fingers away from the needle and handwheel during operation.
- Do not allow children to operate the machine unsupervised.
- Use only the recommended power adapter.
- Ensure the machine is placed on a stable, flat surface during use.
- Do not operate the machine if it is wet or if the power cord is damaged.

3. PACKAGE CONTENTS

Your Flying Banana Mini Sewing Machine Model 202 Upgrade package includes the following items:

- Mini Sewing Machine
- Extension Table
- Foot Pedal
- AC/DC Power Adapter
- 4 Bobbins (pre-filled and empty)
- 4 Needles

- 1 Needle Threader
- 1 Seam Ripper
- Measuring Tape
- Metal Thimble
- Stainless Steel Scissors
- Spools of Thread (various colors)
- DIY Sewing Guide Book (E-book access)



Image 3.1: Overview of the Flying Banana Mini Sewing Machine and its complete accessory kit.



Image 3.2: A closer look at the various sewing accessories provided with the machine, such as fabric squares, spools of thread, scissors, thimble, and needle threader.

4. MACHINE COMPONENTS

Familiarize yourself with the different parts of your sewing machine:



Image 4.1: Labeled diagram showing key components: Take-up lever, Tension adjusting screw, Handwheel, ON/OFF Switch, Speed button, Lamp, Thread cutter, Bobbin compartment, Needle, and Bobbin.

- **Take-up Lever:** Guides the upper thread.
- **Tension Adjusting Screw:** Controls the tightness of the upper thread.
- **Handwheel:** Manually raises and lowers the needle.
- **ON/OFF Switch:** Powers the machine on or off.
- **Speed Button:** Adjusts sewing speed (Low/High).
- **Lamp:** Illuminates the sewing area.
- **Thread Cutter:** Conveniently cuts thread after sewing.
- **Bobbin Compartment:** Houses the lower bobbin.
- **Needle:** Pierces the fabric to form stitches.
- **Bobbin:** Holds the lower thread.

5. SETUP

5.1 Powering the Machine

Your sewing machine can be powered by either the AC/DC adapter or 4 AA batteries (not included).

- **AC/DC Adapter:** Insert the adapter plug into the DC input jack on the machine and then plug the adapter into a wall outlet.
- **Batteries:** Open the battery compartment on the bottom of the machine and insert 4 AA batteries, ensuring correct polarity.

Note: Do not use both power sources simultaneously. Remove batteries when using the AC adapter.



Image 5.1: The battery compartment located at the base of the machine, along with other features like the LED light and handwheel.

5.2 Attaching the Extension Table

For larger projects or increased stability, attach the extension table:

1. Locate the slots on the side of the sewing machine.
2. Align the pegs on the extension table with these slots.
3. Gently push the extension table until it clicks securely into place.

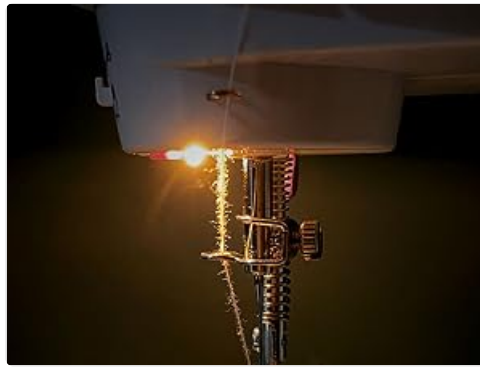


Image 5.2: The extension table, shown both separately and attached to the sewing machine, providing a larger work surface.

5.3 Initial Threading

The machine may come pre-threaded for testing purposes. If not, or if you need to re-thread, follow these steps:

1. **Upper Thread:** Place a spool of thread on the spool pin. Guide the thread through the tension disc, then through the take-up lever, and finally down to the needle. Use the needle threader for easier threading through the needle eye.
2. **Lower Bobbin:** Open the bobbin compartment cover. Insert a pre-wound bobbin, ensuring the thread unwinds in the correct direction (usually counter-clockwise). Pull the thread through the small slot.

Important: Ensure the upper and lower threads are pulled under the presser foot and towards the back of the machine before starting to sew.



Image 5.3: Step 1 of threading: Guiding the thread from the spool pin through the first guide.



Image 5.4: Step 2 of threading: Guiding the thread through the tension disc.



Image 5.5: Step 3 of threading: Guiding the thread through the take-up lever.



Image 5.6: Step 4 of threading: Threading the needle from front to back.

6. OPERATION

6.1 Adjusting Thread Tension

The tension dial controls the tightness of the upper thread. Adjust it to achieve balanced stitches. A balanced stitch will have both threads meeting evenly between the fabric layers.

- Turn the dial clockwise for tighter tension.
- Turn the dial counter-clockwise for looser tension.



Image 6.1: The tension adjustment dial, used to control thread tightness for optimal stitching.

6.2 Selecting Speed

Use the speed button (L/H) to choose between low and high sewing speeds. Low speed is recommended for beginners or intricate work, while high speed is suitable for straight seams on larger projects.

6.3 Starting and Stopping Sewing

You can operate the machine using either the ON/OFF switch or the foot pedal.

- **Using ON/OFF Switch:** Press the switch to turn the machine on and off.
- **Using Foot Pedal:** Ensure the ON/OFF switch is in the OFF position. Plug the foot pedal into its designated port. Press the foot pedal to start sewing and release to stop.

6.4 Using the Cuff Slot

The machine features a special cuff slot design, making it easier to sew sleeves, trouser legs, and other cylindrical items. Simply slide the fabric around the free arm of the machine.

6.5 Fabric Compatibility Guide

The Flying Banana Mini Sewing Machine is suitable for a variety of fabrics. Refer to the table below for guidance:

Complimentary Easy-to-follow Guides

Learn from the pros how to master The art of sewing in no time

Guide E-book

VIDEO

The Manual & Tutorial Video are here to guide you, avoid malfunction, and answer your questions in simple & clear steps

Image 6.2: A chart indicating the sewing machine's compatibility with different fabric types and thicknesses.

Fabric Specification	Cotton/Linen	Silk/Wool	Polyester	Elastic Jeans
Regular	✓	✗	✓	▲
Thick	✓	✗	✓	▲
Thin	✓	✗	✗	✗
Hard	✓	✓	✓	▲
Soft	✓	✗	✗	✗

✓ = Suitable, ✗ = Not Suitable, ▲ = May require careful handling or specific needle.

7. MAINTENANCE

- **Cleaning:** Regularly clean lint and dust from the bobbin area and under the needle plate using a small brush.
- **Needle Replacement:** Replace bent or dull needles to prevent skipped stitches and fabric damage. Loosen the needle clamp screw, remove the old needle, insert a new one with the flat side facing the back, and tighten the screw.
- **Storage:** Store the machine in a dry, dust-free environment when not in use.

8. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Machine not starting	No power, ON/OFF switch off (when using foot pedal), foot pedal not connected.	Check power connection, ensure batteries are fresh, verify foot pedal connection and switch position.
Skipped stitches	Bent or dull needle, incorrect threading, improper tension.	Replace needle, re-thread machine carefully, adjust tension.

Problem	Possible Cause	Solution
Thread breaking	Too much tension, poor quality thread, needle bent or wrong size.	Loosen tension, use good quality thread, replace needle.
Fabric not feeding	Presser foot not lowered, feed dogs obstructed.	Lower the presser foot, clean any lint from feed dogs.
Machine starts unexpectedly	Faulty foot pedal or switch.	Unplug immediately. Contact customer support for assistance.

9. SPECIFICATIONS

- **Model:** 202 Upgrade
- **Product Dimensions:** 5.4"D x 8.4"W x 9.2"H (with extension table: 7.9"D x 9.8"W x 8.27"H)
- **Item Weight:** 1.7 pounds
- **Power Supply:** AC/DC Adapter (UL/ETL/CE approved) or 4 x AA Batteries
- **Manufacturer:** Flying Banana



Image 9.1: Detailed dimensions of the sewing machine, including measurements with the extension table attached.

10. WARRANTY AND SUPPORT

Flying Banana provides 7x24 quick support for every customer. We offer refund or replacement service for 3 months from the date of purchase. For any questions, concerns, or to claim warranty service, please contact our customer support team through the retailer's platform or via the contact information provided with your purchase.

11. ADDITIONAL RESOURCES

For further guidance and creative inspiration, please refer to the complimentary resources:

- **DIY Sewing Guide Book (E-book):** Access the free e-book for step-by-step illustrated project guides.



Image 11.1: The 'Sewing Project Book' e-book, offering 10 step-by-step illustrated project guides for various sewing creations.

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