

YICBOR 360158-900

YICBOR Needle Plate Instruction Manual

Model: 360158-900

1. INTRODUCTION

This manual provides essential information for the proper installation, use, and maintenance of your YICBOR Needle Plate. This component is designed as a replacement part for specific Singer sewing machine models, ensuring optimal performance and stitch quality. Please read these instructions carefully before installation to ensure correct usage and to prolong the life of your sewing machine and the needle plate.

2. PRODUCT OVERVIEW

The needle plate, also known as the throat plate, is a crucial component of a sewing machine. It sits directly under the needle and feed dogs, providing a flat surface for the fabric to rest on while stitching. It features an opening through which the needle passes and slots for the feed dogs to move the fabric. A properly functioning needle plate is vital for consistent stitch formation and smooth fabric feeding.



Figure 1: YICBOR Needle Plate (Top View). This image displays the metallic needle plate from a top-down perspective, highlighting the central needle opening and the parallel slots for the feed dogs.



Figure 2: YICBOR Needle Plate (Angled View). This image shows the needle plate from an angled perspective, revealing its structural design, including the mounting tabs on the underside that secure it to the sewing machine.

3. COMPATIBILITY

This YICBOR Needle Plate (Part Number: 360158-900) is guaranteed to fit the following Singer Sewing Machine Models:

- Singer 2802
- Singer 2808
- Singer 2809
- Singer 2818

Alternate Part Numbers: 358318-900

4. INSTALLATION/SETUP

Before beginning, ensure your sewing machine is turned off and unplugged from the power outlet for safety.

1. **Prepare the Machine:** Raise the needle to its highest position. Open the bobbin case cover or remove the free arm accessory box to access the needle plate area.
2. **Remove the Old Needle Plate:** Depending on your Singer model, the needle plate may be secured

by one or two screws. Use a suitable screwdriver to carefully loosen and remove these screws. Gently lift the old needle plate away from the machine.

3. **Clean the Area:** Use a small brush or lint roller to clean any lint, dust, or thread accumulation from the feed dogs and the area beneath where the needle plate sits. This ensures smooth operation and prevents future issues.
4. **Install the New Needle Plate:** Carefully position the new YICBOR Needle Plate onto the machine, aligning the screw holes with those on the machine bed. Ensure the feed dogs are properly aligned with their respective slots on the plate.
5. **Secure the Plate:** Reinsert the screws and tighten them firmly, but do not overtighten, as this can strip the threads or damage the plate.
6. **Test:** Plug in and turn on your sewing machine. Manually turn the handwheel to ensure the needle passes cleanly through the needle hole and the feed dogs move freely within their slots.

5. MAINTENANCE

Regular maintenance of your needle plate and surrounding area is crucial for optimal sewing machine performance.

- **Regular Cleaning:** Periodically remove the needle plate (following the installation steps in reverse) and clean the area underneath. Lint and thread fibers can accumulate, affecting feed dog movement and stitch quality.
- **Inspect for Damage:** Before each sewing session, quickly inspect the needle plate for any burrs, nicks, or scratches around the needle hole. A damaged needle plate can snag fabric or cause needle breakage. If damage is present, replacement is recommended.
- **Needle Condition:** Always use sharp, undamaged needles. A bent or dull needle can strike the needle plate, causing damage to both the needle and the plate.

6. TROUBLESHOOTING

If you encounter issues after installing the new needle plate, consider the following:

- **Fabric Not Feeding Smoothly:**
 - Ensure the needle plate is securely fastened and not loose.
 - Check for lint or debris under the needle plate obstructing feed dog movement.
 - Verify that the feed dogs are properly engaged and not lowered.
- **Needle Breaking Frequently:**
 - Confirm the needle is inserted correctly and fully seated.
 - Check if the needle is the correct type and size for your fabric.
 - Inspect the needle hole on the plate for any burrs or damage that might be catching the needle.
- **Skipped Stitches:**
 - While less common for a needle plate issue, ensure the plate is installed correctly and not interfering with the bobbin area or hook timing.
 - Check needle condition and re-thread the machine.

7. SPECIFICATIONS

- **Product Type:** Sewing Machine Needle Plate
- **Brand:** YICBOR
- **Part Number:** 360158-900
- **Alternate Part Number:** 358318-900
- **Material:** Metal
- **Compatible Models:** Singer 2802, 2808, 2809, 2818
- **Date First Available:** March 29, 2021

8. WARRANTY AND SUPPORT

For specific warranty information or technical support regarding your YICBOR Needle Plate, please refer to the seller's return policy or contact the seller directly through the platform where the purchase was made. Keep your purchase receipt as proof of purchase.