

GC0318-1

Generic Sewing Machine Parts Instruction Manual for Highlead GC0318-1

Model: GC0318-1 | Part Number: ISSN-22-DU

INTRODUCTION

This instruction manual provides essential information for the proper installation, operation, and maintenance of the Generic 22-piece sewing machine parts set. This set is designed for use with the Highlead GC0318-1 industrial sewing machine, enhancing its functionality for various sewing tasks. Please read this manual thoroughly before attempting any installation or operation to ensure safe and efficient use.

COMPONENTS OVERVIEW

The 22-piece set includes a variety of essential components for your Highlead GC0318-1 sewing machine. These parts are crucial for different sewing applications, particularly those requiring precise fabric feeding and specialized stitching.



Image: A comprehensive view of the 22-piece sewing machine parts set. This includes multiple types of walking feet (presser feet), several metal bobbins, a bobbin case, a needle plate, and a feed dog. These components are laid out on a green background with "EVERNICE" watermark.

The set typically includes:

- **Walking Feet (Presser Feet):** A variety of specialized presser feet designed for even feeding of multiple layers of fabric, slippery materials, or bulky items. These include different sizes and styles for various applications.
- **Needle Plate:** The metal plate under the needle that supports the fabric and has openings for the needle and feed dog.
- **Feed Dog:** The toothed mechanism beneath the needle plate that moves the fabric under the needle.
- **Bobbins:** Multiple metal bobbins for holding the lower thread.
- **Bobbin Case (S Case):** The housing that holds the bobbin and regulates lower thread tension.

SETUP AND INSTALLATION

Before installing any new parts, ensure the sewing machine is turned off and unplugged from the power source to prevent accidental operation and injury. Refer to your Highlead GC0318-1 machine's primary manual for specific safety precautions and detailed instructions on accessing internal components.

Installing Presser Feet (Walking Feet)

1. Raise the needle to its highest position.
2. Raise the presser foot lever.
3. Loosen the screw that holds the current presser foot in place.
4. Remove the old presser foot.
5. Align the new walking foot with the presser bar and the needle clamp screw. Ensure the fork of the walking foot sits over the needle clamp screw.
6. Tighten the screw securely to hold the new walking foot in place.
7. Test the foot by manually turning the handwheel to ensure it moves freely and the needle passes through the foot's opening without obstruction.

Installing Needle Plate and Feed Dog

1. Remove the existing needle plate by unscrewing the retaining screws.
2. Carefully lift out the old needle plate.
3. If replacing the feed dog, remove the screws holding it in place and lift it out.
4. Position the new feed dog, ensuring its teeth align correctly with the slots in the machine bed. Secure with screws.
5. Place the new needle plate over the feed dog, aligning the screw holes.
6. Insert and tighten the retaining screws to secure the needle plate.
7. Ensure the feed dog moves freely through the needle plate slots.

Installing Bobbin and Bobbin Case

1. Wind a bobbin with the desired thread, ensuring even tension.
2. Insert the wound bobbin into the bobbin case.
3. Thread the bobbin thread through the tension spring of the bobbin case.
4. Open the bobbin compartment on your sewing machine.
5. Insert the bobbin case into the shuttle hook assembly, ensuring it clicks securely into place.
6. Pull the upper thread down to catch the bobbin thread, bringing it up through the needle plate.

OPERATING WITH NEW PARTS

Once the parts are installed, perform a test stitch on a scrap piece of fabric similar to your project material. Adjust tension and stitch length as needed.

- **Walking Foot:** Ideal for quilting, matching plaids, sewing slippery fabrics like silk or satin, and working with thick layers. The walking foot helps feed the top layer of fabric at the same rate as the bottom layer, preventing shifting and puckering.
- **Needle Plate & Feed Dog:** Ensure these are appropriate for your fabric type and needle size. Using the correct needle plate and feed dog combination is essential for proper fabric feeding and stitch formation.
- **Bobbins & Bobbin Case:** Always use bobbins that are compatible with your machine and bobbin case. Incorrect bobbins can lead to thread jams and damage. Ensure the bobbin thread tension is correctly set for balanced stitches.

MAINTENANCE

Regular maintenance extends the life of your sewing machine parts and ensures optimal performance.

- **Cleaning:** Periodically remove the needle plate and clean out lint and dust from the feed dog area and bobbin case. Use a small brush or vacuum cleaner.
- **Inspection:** Regularly inspect presser feet, needle plates, and feed dogs for wear, burrs, or damage. Worn parts can affect stitch quality and fabric feeding. Replace damaged parts promptly.
- **Storage:** Store unused parts in a clean, dry container to prevent rust and loss. The provided "S Case" (if referring to a storage case) is ideal for this purpose.
- **Lubrication:** Refer to your Highlead GC0318-1 machine manual for specific lubrication points and schedules. Ensure no oil gets on the feed dog teeth or presser foot sole, as this can stain fabric.

TROUBLESHOOTING

If you encounter issues after installing new parts, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Skipped Stitches	Incorrect needle, bent needle, improper threading, worn needle plate.	Replace needle, re-thread machine, inspect needle plate for burrs.
Uneven Fabric Feeding	Feed dog clogged with lint, feed dog height incorrect, walking foot not installed correctly.	Clean feed dog area, ensure feed dog is not lowered, re-install walking foot securely.
Thread Breakage (Upper)	Upper tension too tight, burr on needle plate or presser foot, poor quality thread.	Adjust upper tension, inspect parts for burrs, use quality thread.
Thread Breakage (Lower)	Bobbin wound unevenly, bobbin case tension too tight, burr on bobbin case.	Re-wind bobbin, adjust bobbin case tension, inspect bobbin case for damage.

If problems persist, consult a qualified sewing machine technician or refer to your Highlead GC0318-1 machine's comprehensive service manual.

SPECIFICATIONS

- **Product Name:** Sewing Parts for 22 Parts Walking Foot Needle Plate Feeder S Case
- **Compatible Machine:** Highlead GC0318-1 Industrial Sewing Machine
- **Part Number:** ISSN-22-DU
- **ASIN:** B0F5Q8FLJS
- **Manufacturer:** GOODJOBHN
- **Date First Available:** April 18, 2025

WARRANTY AND SUPPORT

For warranty information regarding these sewing machine parts, please contact the seller or manufacturer directly. Keep your purchase receipt as proof of purchase. For technical support related to the Highlead GC0318-1 sewing machine itself, please refer to the official Highlead documentation or contact their authorized service centers.

