

## SINGER 21502

# SINGER Universal Sewing Machine Maintenance Kit

Model: 21502

## INTRODUCTION

The SINGER Universal Sewing Machine Maintenance Kit provides essential tools and supplies to ensure your sewing machine operates smoothly and efficiently. Regular maintenance helps prolong the life of your machine and ensures consistent performance. This kit is designed for use with any domestic sewing machine brand or model.

### Kit Contents:

- Full size vinyl cover
- Lint brush with machine needle inserter
- Machine oiler with 0.7 ounces of machine oil
- Machine needle organizer
- 3-piece screwdriver set (2 flathead, 1 Phillips)
- Needle threader with magnifier



Image: The complete SINGER Universal Sewing Machine Maintenance Kit, showing all 8 pieces in their original packaging.

Video: An official product overview demonstrating the components and basic uses of the SINGER Universal Sewing Machine Maintenance Kit.

## SETUP

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1. **Unpack Components:** Carefully remove all items from the packaging. Inspect each tool for any damage.
2. **Prepare Oiler:** The machine oiler comes pre-filled with 0.7 ounces of oil. Ensure the cap is securely tightened after each use to prevent leakage.
3. **Organize Tools:** Store the screwdrivers, lint brush, and needle threader in a convenient location for easy access during maintenance.

## OPERATING INSTRUCTIONS

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### 1. Using the Full Size Vinyl Cover

The vinyl cover protects your sewing machine from dust, spills, and accidental damage when not in use.

1. Ensure your sewing machine is turned off and unplugged.
2. Carefully place the vinyl cover over the entire sewing machine, ensuring it drapes evenly to provide maximum protection.



Image: A sewing machine protected by the clear vinyl cover, demonstrating its fit and purpose.



Image: An alternative angle showing the sewing machine fully enclosed by the clear vinyl cover, highlighting its

## 2. Using the Lint Brush with Needle Inserter

Regularly cleaning lint and dust from your sewing machine's bobbin area and feed dogs is crucial for smooth operation.

1. Turn off and unplug your sewing machine.
2. Remove the needle plate and bobbin case according to your machine's specific instructions.
3. Use the brush end to gently sweep away lint and dust from the feed dogs, bobbin area, and tension discs.
4. The needle inserter end can be used to hold and guide needles into the needle clamp, making insertion easier and safer.

## 3. Using the Machine Oiler

Proper lubrication reduces friction and wear on moving parts.

1. Consult your sewing machine's manual to identify specific oiling points. Not all machines require oiling, and some have sealed components.
2. Apply a small drop of oil to designated lubrication points. Avoid over-oiling, as excess oil can attract lint and cause staining.
3. Run the machine slowly for a few seconds to distribute the oil.

## 4. Using the Machine Needle Organizer

Keep your sewing machine needles organized and protected.

1. Place needles into the designated slots or compartments within the organizer.
2. Close the organizer securely to prevent needles from falling out or getting damaged.

## 5. Using the 3-Piece Screwdriver Set

This set includes two flathead screwdrivers and one Phillips head screwdriver for various adjustments.

1. Select the appropriate screwdriver size and type for the screw you need to adjust (e.g., needle plate screws, tension adjustments).
2. Apply gentle, firm pressure and turn the screwdriver to loosen or tighten screws as required.



Image: A hand using one of the flathead screwdrivers from the kit to perform an adjustment on a sewing machine's needle plate area.



Image: A detailed view of the three screwdrivers included in the kit, showing their red handles and different head types (two flathead, one Phillips).

## 6. Using the Needle Threader with Magnifier

This tool assists in threading needles, especially for small needle eyes or users with vision challenges.

1. Use the magnifier to enlarge the needle eye for better visibility.
2. Insert the wire loop of the threader through the needle eye from front to back.
3. Pass the thread through the wire loop.
4. Pull the threader back through the needle eye, bringing the thread with it.

## MAINTENANCE OF KIT COMPONENTS

- **Vinyl Cover:** Wipe clean with a damp cloth as needed. Allow to air dry completely before storing.
- **Lint Brush:** Clean bristles by hand or with a small comb to remove accumulated lint.
- **Machine Oiler:** Keep the cap tightly closed when not in use. Store upright to prevent leakage.
- **Screwdrivers:** Keep the metal tips clean and dry to prevent rust.
- **Needle Threader/Magnifier:** Wipe the magnifier lens with a soft, dry cloth.



## TROUBLESHOOTING

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- **Oil Leakage from Oiler:** Ensure the cap is fully tightened. Store the oiler in an upright position. If leakage persists, transfer oil to a more secure container.
- **Lint Brush Bristles Shedding:** This can occur with new brushes. Use gently. If shedding is excessive, consider replacing the brush.
- **Screwdrivers Not Fitting:** While universal, some specialized sewing machine screws may require specific tools not included in this kit. Always use the correct size and type of screwdriver to avoid stripping screws.

## SPECIFICATIONS

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- **Brand:** SINGER
- **Model Number:** 21502
- **Compatible Devices:** Domestic Sewing Machines
- **Unit Count:** 1.0 Count (Kit)
- **Product Dimensions:** 0.94 x 8.5 x 8.82 inches
- **Item Weight:** 1.6 ounces
- **UPC:** 075691215026
- **Manufacturer:** Dyno Merchandise
- **Date First Available:** January 11, 2010

## WARRANTY INFORMATION

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This SINGER product is covered by the manufacturer's standard warranty. For specific details regarding warranty coverage, duration, and claims, please refer to the documentation provided with your purchase or visit the official SINGER website.

## CUSTOMER SUPPORT

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For further assistance, questions about the SINGER Universal Sewing Machine Maintenance Kit, or to report any issues, please contact SINGER customer support. Contact information can typically be found on the SINGER official website or in the product packaging.