

STANLEY 94-248

STANLEY 65-Piece Home/Mechanics Tool Set (Model 94-248) Instruction Manual

Model: 94-248

1. PRODUCT OVERVIEW

The STANLEY 65-Piece Home/Mechanics Tool Set (Model 94-248) is a versatile collection designed to assist with a wide range of household tasks, basic repairs, and do-it-yourself (DIY) projects. This set provides essential tools for hanging pictures, assembling furniture, cutting materials, and various mechanical applications. All tools are manufactured to STANLEY specifications, meeting or exceeding ANSI standards, ensuring durability and reliable performance.

Key features include:

- Comprehensive range of SAE and metric-sized sockets and drive tools.
- High-quality steel construction with high-polish nickel chrome or black chrome finish for durability.
- Ergonomically designed ratchet handles with thumb-operated reverse-switch mechanisms.
- Max-Drive design in sockets for increased torque and reduced fastener wear.
- Secure locking mechanism for sockets and extensions with a low-profile quick-release button.

2. PRODUCT COMPONENTS

This 65-piece set includes the following tools, neatly organized in a blow-molded carrying case for easy storage and portability:

- **13-Ounce Hammer:** Fiberglass handle to reduce vibrations, with a curve claw for nail removal.
- **16-Foot Tape Rule (30-495):** Features a Tru-Zero end hook for accurate measurements, 3/4-inch polymer-coated blade, and stud center markings.
- **18mm Snap-Off Knife (10-280):** Stainless steel and high-impact polymer construction with a smooth, self-locking slider mechanism and 13 snap-off blade sections.
- **8-Inch Torpedo Level (42-291):** Made of high-impact ABS plastic with a top-reading vial and three 360-degree tinted vials for readability.
- **6-Inch Long Nose Pliers (84-101):** Fixed joint design with a 1-inch jaw and comfortable grip for bending, turning, and cutting.

- **6-Inch Slip Joint Pliers (84-097):** Offers two locking positions with a 1/2-inch jaw and comfortable grip.
- **Two-Piece Screwdriver Set:** Includes a #2 Phillips screwdriver (65-167) and a 1/4-inch standard tip screwdriver (65-191), both with ergonomically designed, slip-resistant textured grips and magnetic chrome vanadium bars.
- **Mechanics Tools:**
 - 1/4-inch Round Head, Full Polish Ratchet (85-890)
 - 8 SAE 1/4-inch Sockets
 - 1/4-inch Spinner Handle (86-004)
 - 1/4-inch Bit Holder (86-124)
 - 30 Specialty Bits
 - 8 SAE Hex Keys in a durable caddy
 - 8 Metric Hex Keys in a durable caddy

3. SETUP AND PREPARATION

Before starting any project, ensure you have a clear and well-lit workspace. Familiarize yourself with the tools and their designated slots within the carrying case. Always wear appropriate safety gear, such as safety glasses, when using hand tools.

1. **Unpack the Tool Set:** Open the carrying case and ensure all 65 pieces are present and securely seated in their respective compartments.
2. **Inspect Tools:** Before first use, visually inspect each tool for any signs of damage or manufacturing defects. Do not use damaged tools.
3. **Understand Tool Functionality:** Refer to the descriptions in Section 2 to understand the primary use of each tool.

4. OPERATING INSTRUCTIONS

This tool set is designed for general home and light mechanical use. Always select the correct tool for the job to prevent damage to the tool or the workpiece, and to ensure personal safety.

- **Hammers:** Use the hammer for driving nails or light demolition. Ensure a firm grip and strike squarely.
- **Pliers:** Use long nose pliers for gripping small objects or bending wire. Use slip joint pliers for gripping and turning various fasteners.
- **Screwdrivers:** Match the screwdriver tip (Phillips or standard) to the fastener head. For the bit holder, insert the desired specialty bit firmly into the 1/4-inch bit holder.
- **Tape Rule:** Extend the tape measure to the desired length. The Tru-Zero end hook allows for accurate inside and outside measurements.
- **Torpedo Level:** Place the level on the surface to be checked. The bubbles in the vials indicate horizontal, vertical, or 45-degree alignment.
- **Snap-Off Knife:** Extend the blade to the desired length. Use caution as the blade is extremely sharp. Snap off dull blade sections using the integrated snapper in the cap.
- **Ratchet and Sockets:** Select the appropriate SAE socket size for the fastener. Attach the socket to the 1/4-inch round head ratchet. Use the thumb-operated reverse-switch mechanism to change direction.
- **Hex Keys:** Select the correct SAE or metric hex key size for hexagonal fasteners. Apply steady pressure when turning.

5. MAINTENANCE

Proper maintenance extends the life of your tools and ensures their safe operation.

- **Cleaning:** After each use, wipe down tools with a clean, dry cloth to remove dirt, grease, and moisture. For stubborn grime, use a mild cleaner.
- **Lubrication:** Periodically apply a light coat of machine oil to moving parts of pliers and ratchets to ensure smooth operation and prevent rust.
- **Storage:** Always return tools to their designated slots in the carrying case. This prevents loss, damage, and keeps them organized for the next use. Store the case in a dry environment to prevent corrosion.
- **Blade Replacement:** Replace the blade in the snap-off knife when it becomes dull or damaged.

6. TROUBLESHOOTING

Most issues with hand tools can be resolved with proper selection and maintenance.

- **Tool Slipping:** Ensure you are using the correct size tool for the fastener. For sockets, the Max-Drive design minimizes slipping, but proper fit is crucial.
- **Stuck Fasteners:** Apply penetrating oil to rusted or stuck fasteners before attempting to loosen them. Use steady, increasing pressure rather than sudden force.
- **Damaged Tool:** If a tool becomes bent, cracked, or otherwise damaged, discontinue use immediately. Do not attempt to repair tools beyond simple cleaning or blade replacement. Refer to warranty information for replacement options.
- **Missing Pieces:** The blow-molded case is designed to hold each tool securely. If a piece is missing, check all compartments and your workspace thoroughly.

7. SPECIFICATIONS

Attribute	Value
Brand	STANLEY
Model Number	94-248
Material	High Carbon Steel
Color	Black
Style	Tool kit
Item Dimensions L x W x H	15.98 x 10.98 x 3.19 inches
Item Weight	0.09 Kilograms
Unit Count	1.0 Count

8. WARRANTY INFORMATION

This STANLEY tool set comes with a **2-Year Limited Manufacturer Warranty**. This warranty covers defects in material and workmanship under normal use. For specific details regarding warranty claims, replacements, or service, please refer to the official STANLEY warranty documentation included with your purchase or visit the

9. PRODUCT IMAGES



The STANLEY 65-Piece Home/Mechanics Tool Set displayed open in its black blow-molded carrying case, showcasing all tools neatly organized. Key tools like the hammer, tape measure, pliers, screwdrivers, and various bits are visible.



All 65 individual tools from the STANLEY Home/Mechanics Tool Set are laid out on a white background, including the hammer, tape measure, level, pliers, screwdrivers, hex keys, sockets, and various bits.



A closer view of the STANLEY 65-Piece Tool Set, highlighting the hammer, tape measure, level, pliers, screwdrivers, and various bits and sockets, all with their distinctive black and yellow STANLEY branding.



The STANLEY 65-Piece Tool Set in its retail packaging, clearly displaying the STANLEY brand logo, the model number 94-248, and a visual representation of the tools inside.



A detailed shot of the STANLEY 13-ounce hammer, featuring its polished metal head and ergonomic yellow and black handle, securely fitted into its case compartment.



A close-up image showing the two sets of STANLEY hex keys (SAE and Metric) in their yellow, foldable holders, neatly stored in the tool case.



A detailed view of the STANLEY long nose pliers and slip joint pliers, showcasing their black and yellow ergonomic handles and polished metal jaws, positioned within the tool case.

10. PRODUCT VIDEOS

Honest Review of STANLEY Tool Kit: This video provides an honest review of the STANLEY Tool Kit, highlighting its contents and overall utility for various tasks around the house. The reviewer demonstrates the quality and organization of the tools within the case.