CRAFTSMAN CMMT45307

CRAFTSMAN 262-Piece Mechanic Tool Set

Model: CMMT45307

Instruction Manual

1. Product Overview

The CRAFTSMAN 262-Piece Mechanic Tool Set (CMMT45307) is a comprehensive collection designed for both expert repair persons and do-it-yourself enthusiasts. This heavy-duty, all-in-one set includes a wide array of sockets, ratchets, hex keys, wrenches, and specialty bits, organized within a VERSASTACK™ 3-drawer mechanic tool set. Its design emphasizes organization, accessibility, and durability for various home and automotive repair tasks.

Image 1.1: The complete CRAFTSMAN 262-Piece Mechanic Tool Set, including the VERSASTACK 3-drawer case and all included tools.

2. Key Features

- **Versatile Application:** Designed to tackle a variety of automotive jobs and general mechanic fixes.
- **One-Handed Drawer Operation:** Features a spring-loaded locking dial that allows for easy opening and closing of drawers with one hand, and securely locks them when not in use.
- **Convenient Storage:** Drawers can be nested on top of the main tool box for quick access and temporary storage during work.
- **Durable Construction:** Sockets, wrenches, and ratchets are crafted from long-lasting steel and finished with full-polish chrome for enhanced strength and corrosion protection.
- **Safety and Performance Certified:** Every tool in the set meets or exceeds the rigorous performance and safety requirements set by the American Society of Mechanical Engineers.

3. Package Contents

Upon unpacking, verify that all components listed below are present and in good condition:

- 3 Ratchets (1/4", 3/8", 1/2" drive)
- 118 Sockets (SAE and Metric, various sizes and depths)
- 24 Wrenches (SAE and Metric)
- 44 Hex Keys
- 66 Specialty Bits
- 7 Accessories (e.g., extensions, adapters)
- 1 VERSASTACK™ 3-Drawer Mechanic Tool Box

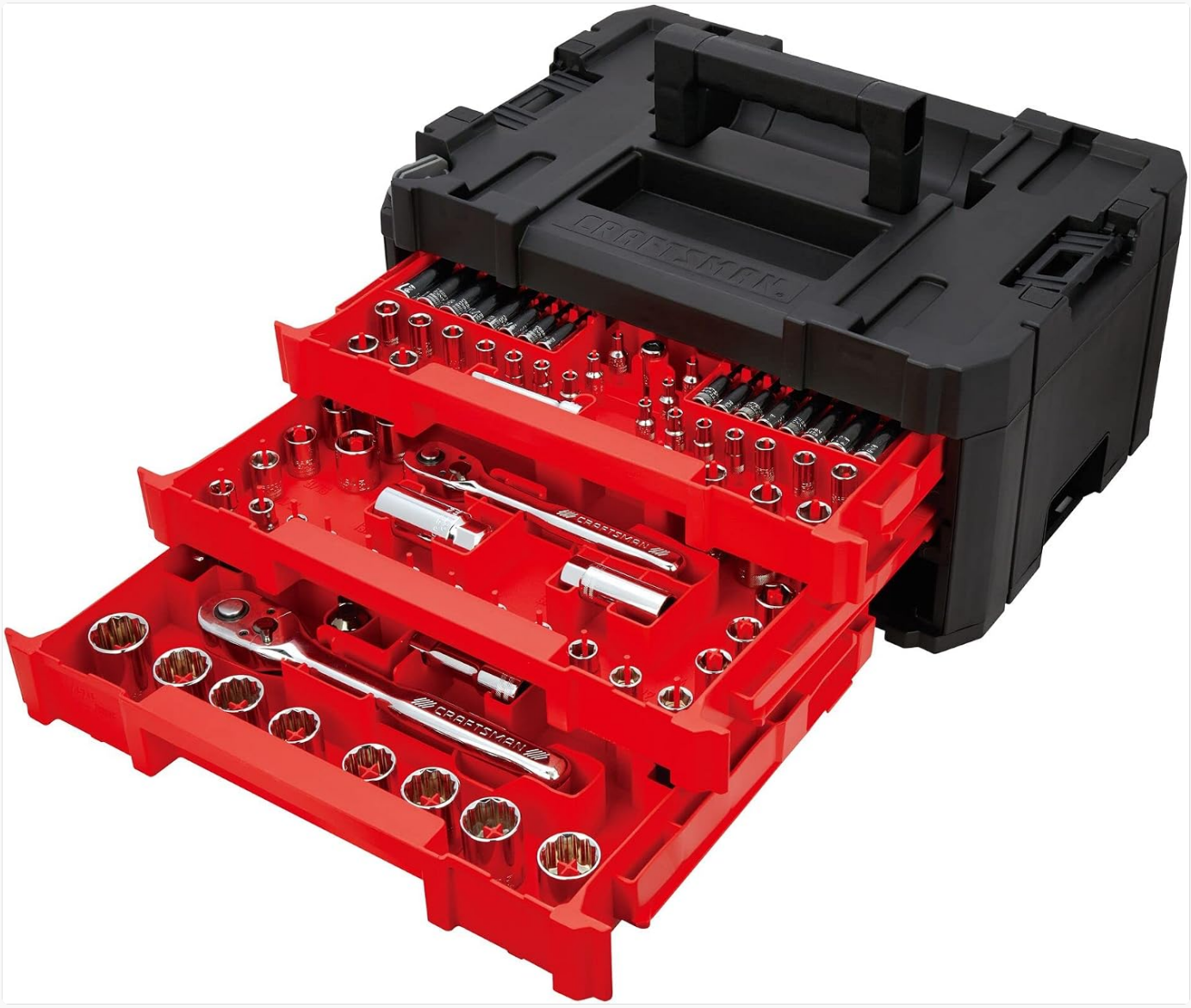

Image 3.1: A detailed view of the various sockets, wrenches, ratchets, and other tools included in the 262-piece set.

4. Setup

The CRAFTSMAN VERSASTACK system is designed for modularity and easy setup.

1. **Unpacking:** Carefully remove all components from the packaging. Inspect for any shipping damage.
2. **Tool Organization:** The 3-drawer unit comes pre-organized with dedicated slots for most tools. Ensure each tool is placed in its designated spot for optimal organization and easy access.

3. **Stacking (Optional):** The VERSASTACK system allows for stacking with other compatible CRAFTSMAN storage units. To stack, align the bottom grooves of an upper unit with the top ridges of a lower unit and press down until they securely interlock.
4. **Drawer Locking:** Before moving the unit, ensure the integrated lock dial is engaged to prevent drawers from opening inadvertently. This dial is typically located on the front of the unit.

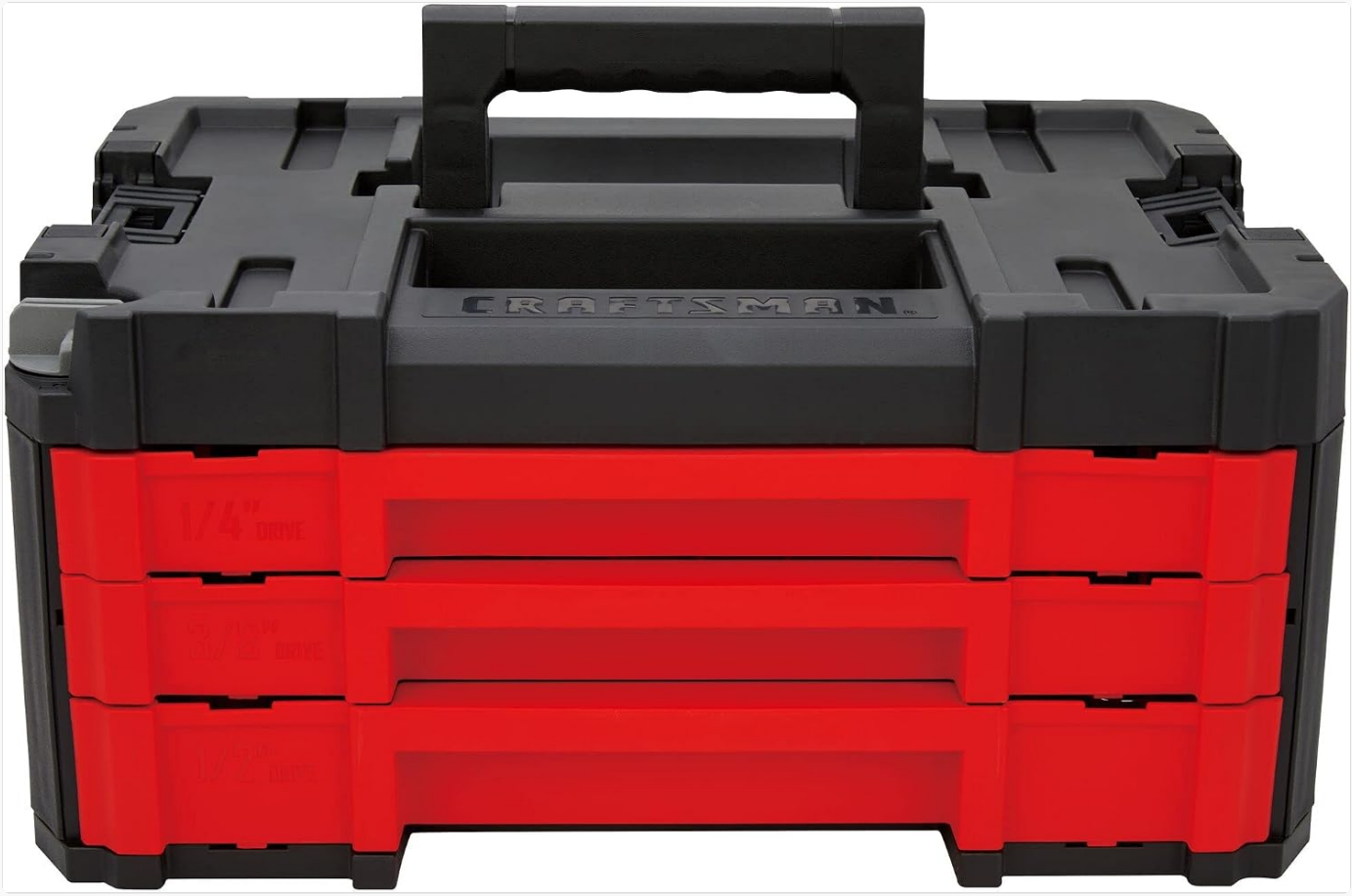

Image 4.1: Front view of the VERSASTACK 3-drawer tool case, ready for use or stacking.

Image 4.2: An example of the VERSASTACK system demonstrating its modular and stackable design with additional units.

5. Operating Instructions

Using your CRAFTSMAN tool set is straightforward, designed for efficiency and ease of access.

1. **Accessing Tools:** To open a drawer, disengage the spring-loaded locking dial (if engaged) and pull the drawer handle. The drawer stop system allows you to pull the drawer out fully without it detaching, or to remove it completely if needed.
2. **Using Ratchets and Sockets:** Select the appropriate socket size (SAE or Metric) for your fastener. Attach it firmly to the ratchet drive. Ensure the ratchet direction switch is set correctly for tightening or loosening.
3. **Using Wrenches:** Choose the correct open-end or box-end wrench size for your application. Ensure a snug fit to prevent slipping and damage to the fastener.
4. **Using Hex Keys and Specialty Bits:** Insert the hex key or bit into the corresponding fastener. For bits, use the included bit driver handle.
5. **Temporary Drawer Placement:** For immediate access during a task, you can sit an open drawer on top of the main tool box. This keeps frequently used tools within easy reach.
6. **Securing Drawers:** When finished, push the drawers back into the unit until they click into place. Engage the integrated lock dial to secure all drawers and prevent accidental opening during transport or storage.

Image 5.1: The VERSASTACK tool case with its drawers extended, showcasing the organized layout of the tools for easy selection.

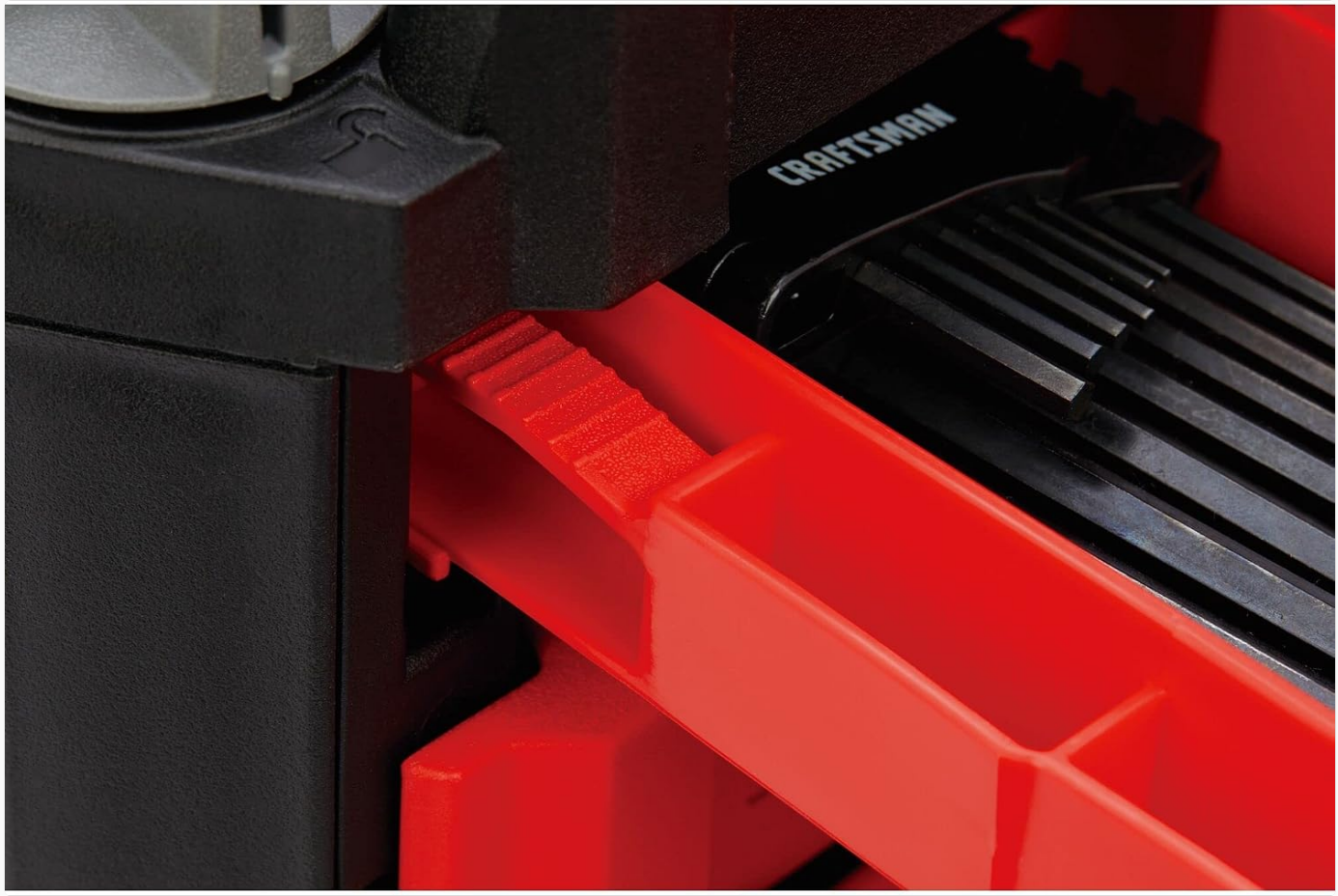

Image 5.2: A close-up view of the drawer stop mechanism, which prevents drawers from accidentally falling out when fully extended.

6. Maintenance

Proper maintenance will ensure the longevity and performance of your CRAFTSMAN tool set.

- **Cleaning Tools:** After each use, wipe down tools with a clean, dry cloth to remove dirt, grease, and debris. For stubborn grime, a mild degreaser can be used, followed by thorough drying.
- **Corrosion Protection:** The full-polish chrome finish provides excellent corrosion resistance. However, for prolonged exposure to moisture or harsh environments, a light coat of rust-preventative oil can be applied to metal surfaces.
- **Lubrication:** Periodically apply a small amount of light machine oil to the moving parts of ratchets and drawer slides to ensure smooth operation.
- **Storage:** Always store the tool set in a dry environment to prevent rust and corrosion. Ensure all drawers are closed and locked when not in use.
- **Inspection:** Regularly inspect tools for any signs of wear, damage, or deformation. Replace any damaged tools immediately to ensure safety and optimal performance.

7. Troubleshooting

This section addresses common issues you might encounter with your tool set.

- **Drawer Sticking/Difficulty Opening:**
    - Ensure the integrated lock dial is fully disengaged.
    - Check for any obstructions or debris in the drawer slides. Clean if necessary.

- Apply a small amount of lubricant to the drawer slides.

- **Ratchets Not Engaging/Slipping:**
  - Ensure the direction switch is fully engaged in either the tightening or loosening position.
  - Clean any debris from the ratchet head mechanism.
  - If the issue persists, the ratchet mechanism may be worn and require replacement.
- **Tools Missing:**
  - Thoroughly check all drawers and the surrounding work area.
  - Refer to the "Package Contents" section to confirm all original items.

For issues not covered here, please refer to the warranty and support information.

8. Specifications

Attribute	Detail
Brand	CRAFTSMAN
Model Number	CMMT45307
Material	Alloy Steel
Item Weight	32.1 Pounds
Item Length	17.7 Inches
Item Package Quantity	1
Head Style	Fixed Square, Hex
Finish Type	Polished
Operation Mode	Mechanical
Power Source	Hand Powered
Included Components	3 ratchets, 118 sockets, 24 wrenches, 44 hex keys, 66 specialty bits, and 7 accessories

9. Warranty and Support

CRAFTSMAN stands behind the quality of its products.

Limited Lifetime Warranty

This CRAFTSMAN product is backed by a Limited Lifetime Warranty. If a product fails to perform due to defects in material or workmanship, CRAFTSMAN will replace the defective part. Proof of purchase is required.

Image 9.1: CRAFTSMAN Limited Lifetime Warranty statement.

Customer Support

For detailed warranty information, product registration, or to contact customer support, please visit the official CRAFTSMAN website or refer to the contact information provided with your purchase documentation.

Visit the CRAFTSMAN Store on Amazon

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