

Pittsburgh 69344, 69346, 66313

Pittsburgh 3/8" Drive SAE/Metric Deep Wall Color Coded Socket Set and Composite Ratchet Instruction Manual

INTRODUCTION

This manual provides instructions for the Pittsburgh 3/8 inch drive deep wall color-coded socket set and composite ratchet bundle. This set includes both SAE and Metric deep wall sockets, designed for durability and ease of identification. The composite ratchet offers a lightweight yet robust solution for various fastening tasks.

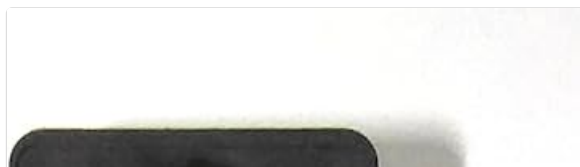
The bundle includes:

- 10 Piece 3/8" Drive SAE Deep Wall Color Coded Socket Set with sizes: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16" and 7/8".
- 10 Piece 3/8" Drive METRIC Deep Wall Color Coded Socket Set with sizes: 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm and 19mm.
- 1 Heavy Duty 3/8" Drive Composite Ratchet.
- All sockets feature a 6-point design.

SETUP

Before use, ensure all components are present and free from damage. The sockets are color-coded for quick identification of sizes, with separate sets for SAE and Metric measurements.

1. **Identify Socket Size:** Select the appropriate socket size (SAE or Metric) and type (deep wall) for your fastener. The color coding assists in rapid selection.
2. **Attach Socket to Ratchet:** Align the square drive opening of the chosen socket with the 3/8" drive square on the composite ratchet. Push the socket firmly onto the ratchet until it clicks into place. Ensure it is securely seated.
3. **Direction Selection:** Use the directional switch on the ratchet head to select the desired rotation direction (tighten or loosen).



Lifetime Warranty ITEM 66313

PITTSBURGH PRO

3/8" DRIVE

**COMPOSITE
QUICK-RELEASE RATCHET**

- Chrome vanadium gears
- Lightweight composite handle

72 TEETH 5° ARC
SWING





Image: Pittsburgh 3/8 inch drive composite quick-release ratchet in its original packaging. This image shows the lightweight composite handle and the 72-tooth ratchet head.



Image: Pittsburgh 3/8 inch drive 10-piece deep wall color-coded Metric socket set. The sockets are arranged on a black rail, displaying various colors corresponding to different metric sizes.



Image: Pittsburgh 3/8 inch drive 10-piece deep wall color-coded SAE socket set. Similar to the metric set, these sockets are also on a black rail, with colors indicating different SAE sizes.

OPERATING INSTRUCTIONS

The 3/8" drive deep wall sockets are ideal for applications requiring access to fasteners with long-threaded bolts or in recessed areas. The composite ratchet provides a comfortable grip and efficient operation.

1. **Position the Socket:** Place the attached socket onto the fastener head, ensuring a snug fit to prevent stripping.
2. **Apply Force:** Hold the ratchet handle firmly. Apply steady, controlled force to turn the fastener. The 72-tooth mechanism allows for fine adjustments and operation in confined spaces.
3. **Change Direction:** To switch between tightening and loosening, use the directional lever on the ratchet head.
4. **Remove Socket:** To remove the socket, press the quick-release button (if present) on the ratchet head and pull the socket off.

Your browser does not support the video tag.

Video: Demonstration of a 1/4 inch drive deep wall metric socket set. While this video features a 1/4 inch drive set, it illustrates the general appearance and handling of color-coded deep wall sockets, which are similar in concept to the 3/8 inch drive sockets in this bundle.

MAINTENANCE

Proper maintenance ensures the longevity and performance of your socket set and ratchet.

- **Cleaning:** After each use, wipe down sockets and the ratchet with a clean cloth to remove dirt, grease, and debris. For stubborn grime, use a mild degreaser and dry thoroughly.
- **Lubrication:** Periodically apply a small amount of light machine oil to the ratchet mechanism to ensure smooth operation. Avoid over-lubrication.
- **Storage:** Store the socket set and ratchet in a dry environment to prevent rust. The included socket rails help keep the sockets organized and easily accessible.
- **Inspection:** Regularly inspect sockets for cracks, wear, or deformation. Check the ratchet for any signs of damage, such as a loose head or worn teeth. Replace any damaged components immediately.

TROUBLESHOOTING

This section addresses common issues you might encounter.

- **Socket Not Fitting Fastener:** Ensure you are using the correct size and type (SAE or Metric) of socket for the fastener. A loose fit can strip the fastener head.
- **Ratchet Not Engaging:** Check the directional switch on the ratchet head. Ensure it is fully engaged in either the tightening or loosening position. If the mechanism feels stiff, apply a small amount of lubricant.
- **Stuck Fastener:** For extremely tight fasteners, apply penetrating oil and allow it to soak. Avoid excessive force that could damage the tool or fastener. Consider using a breaker bar if available, but do not use the composite ratchet for extreme torque applications beyond its design limits.
- **Socket Stuck on Ratchet:** If the quick-release button is present, ensure it is fully depressed when attempting to remove the socket. If no quick-release, firmly pull the socket while wiggling slightly.

SPECIFICATIONS

Feature	Detail
Brand	Pittsburgh
Material	Chrome Vanadium Steel (sockets), Composite (ratchet handle)
Finish Type	Chrome Vanadium

Number of Pieces	21 (10 SAE sockets, 10 Metric sockets, 1 Ratchet)
Drive System	3/8"
Socket Point Style	6-point
Ratchet Teeth Count	72 teeth
Item Weight	5.2 pounds
Model Numbers	69344 (SAE Set), 69346 (Metric Set), 66313 (Ratchet)

WARRANTY INFORMATION

This Pittsburgh product is backed by a **Lifetime Warranty**. For specific details regarding warranty claims, please refer to the packaging or contact the manufacturer directly. The warranty typically covers defects in materials and workmanship under normal use.

SUPPORT

For technical assistance, replacement parts, or further inquiries regarding your Pittsburgh 3/8" Drive SAE/Metric Deep Wall Color Coded Socket Set and Composite Ratchet, please contact Pittsburgh customer support. Refer to the product packaging or the manufacturer's official website for the most current contact information.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question