

Yato YT-38841

Yato YT-38841 216-Piece Socket Spanner Set User Manual

Model: YT-38841

INTRODUCTION

The Yato YT-38841 is a comprehensive 216-piece socket spanner set designed for a wide range of mechanical, automotive, and general repair tasks. This set provides a versatile collection of sockets, ratchets, extensions, and accessories across 1/4 inch, 3/8 inch, and 1/2 inch drive sizes. Constructed from durable chrome vanadium steel, these tools are engineered for reliability and performance in various applications. This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your Yato YT-38841 socket spanner set.



Figure 1: The Yato YT-38841 socket spanner set, fully opened and organized within its durable carrying case. This image displays the comprehensive range of tools included.

SETUP AND ORGANIZATION

Upon receiving your Yato YT-38841 set, carefully unpack all components and inspect them for any signs of damage. The tools are organized within a robust carrying case designed for easy access and secure storage.

- **Unpacking:** Remove the set from its packaging.
- **Inspection:** Verify that all 216 pieces are present and undamaged. Refer to the product diagram (if available) for a complete list of contents.
- **Familiarization:** Take time to familiarize yourself with the layout of the tools within the case. Each tool has a designated slot to ensure proper organization and quick identification.



Figure 2: A detailed view of the Yato YT-38841 set, showcasing the arrangement of sockets, ratchets, and other accessories within the case.

OPERATING INSTRUCTIONS

Proper use of the Yato YT-38841 socket spanner set ensures efficiency and tool longevity. Always select the correct tool for the task to prevent damage to fasteners or the tools themselves.

- **Selecting the Correct Socket:** Match the socket size (e.g., 10mm, 1/2 inch) to the fastener head. Using an incorrect size can strip the fastener or damage the socket.
- **Attaching Sockets:** Press the desired socket firmly onto the square drive of the ratchet, extension bar, or T-handle until it clicks securely into place.
- **Using Ratchets:** The ratchets feature a directional switch to change between tightening and loosening. Ensure the switch is set correctly before applying force. Apply steady, controlled pressure.
- **Extensions and Universal Joints:** Use extension bars to reach recessed fasteners. Universal joints allow for angled access but may reduce torque efficiency.
- **Safety Precautions:**
 - Always wear appropriate personal protective equipment, such as safety glasses.

- Do not use damaged or worn tools.
- Avoid using cheater bars or excessive force, as this can damage the tool or fastener.
- Ensure a stable footing and clear workspace.



Figure 3: A close-up view highlighting the ratchets and various sockets, demonstrating the different drive sizes and types available for operational use.

MAINTENANCE

Regular maintenance extends the lifespan of your Yato tools and ensures their optimal performance.

- **Cleaning:** After each use, wipe down tools to remove dirt, grease, and debris. A clean cloth and a mild degreaser can be used if necessary. Ensure tools are dry before storage to prevent rust.
- **Lubrication:** Periodically apply a small amount of light machine oil to the moving parts of ratchets to maintain smooth operation. Avoid over-lubrication.
- **Inspection:** Regularly inspect all tools for signs of wear, cracks, bends, or other damage. Pay close attention to socket drive ends and ratchet mechanisms. Replace any damaged tools immediately.
- **Storage:** Always store the tools in their designated slots within the provided carrying case. This protects them

from damage, prevents loss, and keeps them organized. Store the case in a dry environment away from extreme temperatures.



Figure 4: The Yato YT-38841 socket spanner set securely stored in its closed carrying case, ready for transport or long-term storage.

TROUBLESHOOTING

This section addresses common issues that may arise during the use of your socket spanner set.

- **Socket Slipping or Stripping Fastener:**

- Ensure the correct size socket is being used.
- Verify the socket is fully seated on the fastener.
- Inspect the socket for wear or damage. Replace if necessary.

- **Ratchet Not Engaging or Slipping:**

- Check the directional switch to ensure it is fully engaged in the desired direction.
- Clean and lubricate the ratchet mechanism.
- If the issue persists, the ratchet mechanism may be worn and require replacement.

- **Stuck Sockets:**

- If a socket is stuck on a fastener, apply penetrating oil and allow it to soak.
- Use a rubber mallet to gently tap the socket to loosen it. Avoid excessive force.

SPECIFICATIONS

Key technical specifications for the Yato YT-38841 Socket Spanner Set:

Feature	Detail
Model Number	YT-38841
Number of Tools	216 pieces
Drive Sizes	1/4 inch (6.3 mm), 3/8 inch (10 mm), 1/2 inch (12.5 mm)
Material	Alloy Steel, Chrome Molybdenum Steel, Chrome Vanadium Steel
Item Weight	Approximately 11 pounds (5 kg)
Item Length	Approximately 49 Centimeters
Manufacturer	Yato



Figure 5: A top-down view of the Yato YT-38841 set, illustrating the comprehensive layout and variety of tools included, corresponding to the detailed specifications.

WARRANTY AND SUPPORT

Yato products are manufactured to high standards. While specific warranty details may vary by region and retailer, the quality of this set is designed to meet the requirements of professional use. For detailed warranty information, please refer to the documentation provided with your purchase or contact the manufacturer directly.

For product support, technical assistance, or inquiries regarding replacement parts, please contact your original point of purchase or the Yato customer service department. Keep your purchase receipt and model number (YT-38841) readily available when seeking support.