

Yato YT-1309

Yato YT-1309 6-Point 3/4 Inch Drive 28mm Socket Instruction Manual

INTRODUCTION

This manual provides essential information for the safe and effective use of your Yato YT-1309 6-point socket. Please read these instructions carefully before use and retain them for future reference to ensure proper handling and longevity of the tool.

PRODUCT OVERVIEW

The Yato YT-1309 is a durable 6-point socket designed for various fastening applications. It features a 3/4 inch drive and a 28mm opening, manufactured from high-quality Chrome Vanadium Steel with a chrome finish for enhanced durability and corrosion resistance. The AS-DRIVE system ensures maximum torque transfer and helps prevent fastener rounding during use.



Image: Key features of the Yato socket, indicating a 3/4 inch drive, compliance with DIN 3121 standard, construction from Chrome Vanadium Steel (CrV 50BV30), and the AS-DRIVE profile for efficient torque transmission.

SETUP AND INSTALLATION

The Yato YT-1309 socket is designed for use with a 3/4 inch drive ratchet, breaker bar, or torque wrench. To install, simply align the square drive opening of the socket with the drive tang of your chosen tool and push firmly until it clicks into place. Ensure the socket is securely seated on the tool before applying any force to prevent slippage or injury.

OPERATING INSTRUCTIONS

- Select the Correct Size:** Ensure the 28mm socket size precisely matches the fastener you intend to work with. Using an incorrect size can damage both the fastener and the socket, leading to unsafe conditions.
- Attach to Tool:** Securely attach the YT-1309 socket to a compatible 3/4 inch drive tool (e.g., ratchet, breaker bar, torque wrench). Verify that the connection is firm and stable.

- 3. **Position on Fastener:** Place the socket squarely onto the head of the fastener. Ensure full engagement of all six points to prevent slipping and rounding of the fastener head.
- 4. **Apply Force:** Apply steady and controlled force to the tool. For tightening, turn clockwise; for loosening, turn counter-clockwise. Avoid sudden jerking motions, which can cause damage or injury.
- 5. **Torque Specifications:** When specific torque values are required, always use a calibrated torque wrench and follow the manufacturer's specifications for the fastener to ensure proper tension.

MAINTENANCE

Proper maintenance extends the life and ensures the continued performance of your Yato YT-1309 socket:

- **Cleaning:** After each use, wipe the socket clean with a dry cloth to remove dirt, grease, or debris. For stubborn grime, use a mild solvent and ensure the socket is thoroughly dried afterward to prevent corrosion.
- **Storage:** Store the socket in a dry environment, away from moisture, direct sunlight, and corrosive chemicals. A dedicated tool tray or box is recommended to prevent loss and damage.
- **Inspection:** Periodically inspect the socket for any signs of wear, cracks, chips, or other damage. Discontinue use immediately if any damage is observed, as a compromised socket can be unsafe and ineffective.

TROUBLESHOOTING

Sockets are generally simple tools, but here are common issues and their solutions:

- **Socket Slipping:** Ensure the socket is fully seated on the fastener and that the correct size (28mm) is being used. Worn fasteners or a worn socket can also cause slipping; inspect both for damage.
- **Difficulty Attaching to Tool:** Check for debris or obstructions in the drive opening of the socket or on the tool's drive tang. Confirm that the tool's drive size (3/4 inch) matches the socket.
- **Damaged Fastener Head:** This often occurs from using an incorrect socket size, a worn socket, or applying excessive, uncontrolled force. Always use the correct size and apply steady, appropriate pressure.

SPECIFICATIONS

The Yato YT-1309 socket features the following technical specifications:

- **Model:** YT-1309
- **Drive Size:** 3/4 inch
- **Socket Size:** 28 mm
- **Type:** 6-Point
- **Material:** Chrome Vanadium Steel (CrV 50BV30)
- **Finish:** Chrome
- **Weight:** Approximately 50 Grams
- **Standard:** DIN 3121
- **System:** AS-DRIVE

Dimensions



Image: Technical diagram illustrating the key dimensions of a socket, including overall width (A), base diameter (D1), top diameter (D2), and length (L).



Image: A table detailing the dimensions (A, D1, D2, L in mm) for various Yato socket models. For model YT-1309, the dimensions are A=28mm, D1=40mm, D2=34mm, L=50mm.

Yato YT-1309 Socket Dimensions

Dimension	Value (mm)
A (Overall Width)	28
D1 (Base Diameter)	40
D2 (Top Diameter)	34
L (Length)	50

SAFETY INFORMATION

Always observe the following safety precautions when using hand tools:

- Wear appropriate personal protective equipment (PPE), such as safety glasses, to protect against flying debris or unexpected tool failure.
- Ensure the workpiece is stable and securely fastened before applying force to prevent movement and potential injury.
- Never use damaged or worn tools. Inspect your socket and drive tool before each use for any signs of wear, cracks, or deformation.
- Do not use cheater bars or unauthorized extensions on wrenches unless the tool is specifically designed and rated for such use, as this can overload the tool and cause catastrophic failure.
- Keep hands and fingers clear of pinch points and moving parts during operation.
- Use the correct tool for the job. This socket is specifically designed for mechanical fastening applications and should not be used for prying or other unintended purposes.

WARRANTY AND SUPPORT

Yato products are manufactured to high standards of quality and durability. For specific warranty information regarding your YT-1309 socket, please refer to the documentation provided with your purchase or visit the official Yato website for the most current details. For technical support, product inquiries, or assistance, please contact your authorized Yato dealer or customer service department.

Note: The quality of this part is designed to meet or exceed the requirements of car manufacturers. Please ensure the correct part is selected for your specific application if used in automotive contexts.

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