

Amazon Basics DS-AMZ035

Amazon Basics Magnetic Ratcheting Wrench and Electronics Precision Screwdriver Set

Model: DS-AMZ035 | 73-Piece Set

- Introduction
- Safety Information
- Setup
- Operation
- Maintenance
- Troubleshooting
- Specifications
- Warranty & Support

1. INTRODUCTION

This instruction manual provides detailed information for the proper use, setup, operation, and maintenance of your Amazon Basics Magnetic Ratcheting Wrench and Electronics Precision Screwdriver Set. This 73-piece set is designed for a wide range of fastening tasks, from delicate electronics to general household appliances. Please read this manual thoroughly before using the product to ensure safe and efficient operation.



Figure 1.1: Overview of the 73-piece Amazon Basics Magnetic Ratcheting Wrench and Electronics Precision Screwdriver Set, including the driver handle, extension bar, sockets, and various screwdriver bits neatly organized in its transparent and red storage case.

2. SAFETY INFORMATION

Always observe the following safety precautions when using this tool set:

- **Eye Protection:** Always wear appropriate eye protection (safety glasses or goggles) to prevent injury from flying debris or particles.
- **Proper Tool Selection:** Use the correct size and type of bit or socket for the fastener. Using an incorrect tool can damage the fastener or the tool itself, and may lead to injury.
- **Secure Grip:** Ensure a firm and secure grip on the tool handle. A slipping grip can cause the tool to strike your hand or the work surface.
- **Non-Magnetic Bits for Electronics:** The precision screwdriver bits are non-magnetic and specifically designed for sensitive electronic instruments like watches, smartphones, and glasses. Do not use magnetic bits on these devices if magnetism could cause damage.

- **Magnetic Bits for Appliances:** The other bits are magnetic and suitable for general repairs on electric appliances such as air conditioners, washing machines, refrigerators, and TVs.
- **Avoid Excessive Force:** Do not apply excessive force to the tools. This can strip fasteners, break bits, or cause personal injury. If a fastener is stuck, use appropriate penetrating oil or other methods before applying more force.
- **Clean and Dry Tools:** Keep tools clean and dry to prevent corrosion and ensure a secure grip.
- **Storage:** Store the tool set in its designated case in a dry, secure location, out of reach of children.
- **Electrical Safety:** When working on electrical appliances, always ensure the power is disconnected and verified before beginning work.

3. SETUP

Your Amazon Basics Screwdriver Set comes pre-organized in a durable plastic storage case. No assembly is required for the main components, but understanding how to select and attach bits is essential.

3.1 Identifying Components

The set includes:

- Ratcheting Driver Handle with non-slip grip.
- Adjustable Extension Bar.
- Various Standard Screwdriver Bits (magnetic).
- Precision Screwdriver Bits (non-magnetic).
- Sockets (magnetic).
- Plastic Storage Case.



Figure 3.1: The driver handle features an adjustable extension bar for reaching recessed fasteners, a magnetic head for secure bit retention, and a non-slip handle for comfortable and firm grip during use.

3.2 Attaching Bits and Sockets

To attach a bit or socket:

1. Select the appropriate bit or socket for your task.
2. Insert the hexagonal base of the bit or socket firmly into the magnetic head of the driver handle. For extended reach, first insert the bit into the extension bar, then insert the extension bar into the driver handle.
3. Ensure the bit or socket is fully seated and secure before applying torque.

Usage Method



Standard bits



Sockets



Precision bits

Figure 3.2: Illustration of how to properly attach standard bits, sockets, and precision bits to the driver handle, demonstrating the versatility of the set for various fastening needs.

4. OPERATION

The ratcheting driver handle offers three settings for efficient fastening and loosening.

4.1 Ratcheting Mechanism

The driver features a collar near the bit holder that allows you to select one of three modes:

- **Clockwise Ratcheting (Right):** Turn the collar to the "R" or right arrow position. The driver will tighten fasteners when turned clockwise and allow free rotation counter-clockwise without turning the bit.
- **Counter-Clockwise Ratcheting (Left):** Turn the collar to the "L" or left arrow position. The driver will loosen fasteners when turned counter-clockwise and allow free rotation clockwise without turning the bit.
- **Fixed (Locked Position):** Turn the collar to the center position (often indicated by a lock icon or no arrow). The driver will be locked, allowing for direct, non-ratcheting rotation in both directions, useful for initial loosening or final tightening.



Figure 4.1: The ratcheting mechanism on the driver handle, showing the three distinct settings: Left (counter-clockwise ratcheting), Right (clockwise ratcheting), and the central Locked position for fixed operation.

4.2 Magnetic vs. Non-Magnetic Bits

The set includes two types of bits for different applications:

- **Precision Screwdriver Bits (Non-Magnetic):** These bits are specifically designed for small electronic instruments where magnetism could interfere with sensitive components. Examples include watches, smartphones, glasses, and other delicate devices.



Figure 4.2: The non-magnetic precision bits are ideal for working on sensitive electronics like laptops, watches, smartphones, and eyeglasses, preventing potential magnetic interference.

- **Standard Screwdriver Bits and Sockets (Magnetic):** The majority of the bits and all sockets in this set are magnetic. This feature helps hold fasteners securely to the bit, preventing drops and making work easier. These are suitable for general repairs on popular electric appliances and household items.

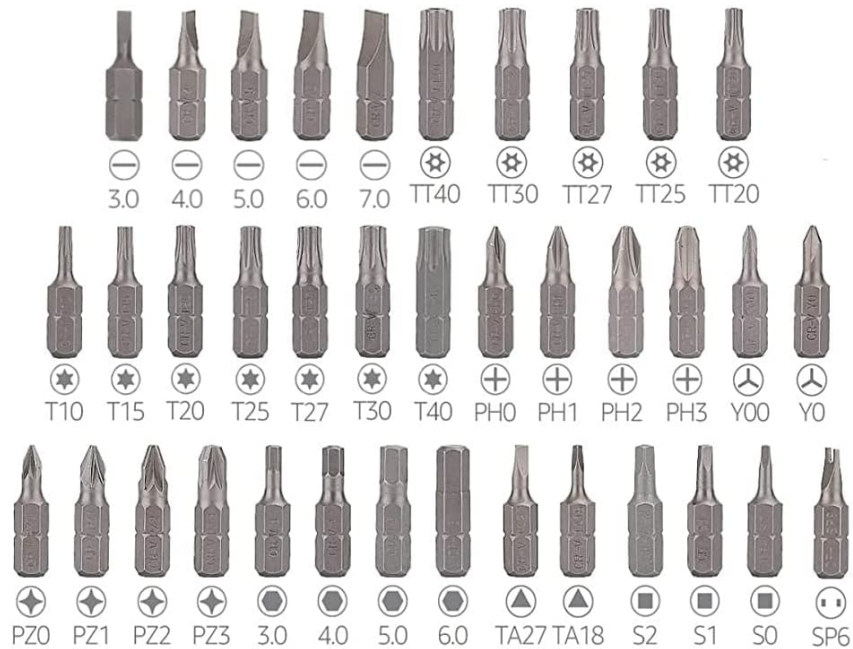


Figure 4.3: The magnetic bits and sockets are suitable for general household repairs and appliances, including refrigerators, cabinets, air conditioners, washing machines, and televisions, providing secure fastener retention.

5. MAINTENANCE

Proper maintenance ensures the longevity and performance of your tool set.

5.1 Cleaning

- Wipe down the driver handle and bits with a clean, dry cloth after each use to remove dirt, grease, or debris.
- For stubborn grime, a slightly damp cloth with mild soap can be used, followed immediately by thorough drying.
- Do not use abrasive cleaners or solvents, as these can damage the tool's finish or materials.

5.2 Storage

- Always return all bits, sockets, and the driver handle to their designated slots in the plastic storage case after use. This prevents loss and keeps the set organized.





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Figure 5.1: The 73-piece set is designed for organized storage within its durable plastic case, ensuring each component has a specific place for easy access and safekeeping.

- Store the case in a dry environment to prevent corrosion, especially for the metal components.
- Keep the set out of direct sunlight and away from extreme temperatures.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Bit slips in fastener head.	Incorrect bit size; worn bit; stripped fastener head; insufficient pressure.	Ensure correct bit size. Replace worn bits. Use a fastener extractor for stripped heads. Apply firm, consistent pressure.
Bit falls out of driver.	Bit not fully inserted; magnetic head weakened (rare).	Push bit firmly into the driver until it clicks or feels secure. If issue persists, contact customer support.
Ratcheting mechanism not working.	Collar not set correctly; internal mechanism jammed.	Ensure the collar is firmly set to "L" or "R". Check for debris obstructing the mechanism. If jammed, try gently wiggling the collar. Do not force.
Precision bits attracting metal.	Incorrect bit used (magnetic bit instead of non-magnetic).	Verify you are using the designated non-magnetic precision bits for sensitive electronics. These are typically smaller and clearly marked.

7. SPECIFICATIONS

Key technical specifications for the Amazon Basics Magnetic Ratcheting Wrench and Electronics Precision Screwdriver Set:

- **Brand:** Amazon Basics
- **Model Number:** DS-AMZ035
- **Set Size:** 73-Piece
- **Material:** Chrome Vanadium Steel (bits), Plastic (handle, case)
- **Color:** Black/Red/Silver
- **Head Styles Included:** Spanner, Tri-Angle, Square, Torx, Hex, Flat, Phillips, and various precision bit types.
- **Special Feature:** Ratcheting mechanism with 3 settings (clockwise, counter-clockwise, fixed).
- **Magnetic Properties:** Precision bits are non-magnetic; other bits and sockets are magnetic.
- **Item Dimensions (L x W x H):** Approximately 7.91 x 4.57 x 1.42 inches (20.09 x 11.61 x 3.61 cm) for the case.
- **Item Weight:** Approximately 1.38 pounds (0.62 kg).



Figure 7.1: Dimensions of the storage case, measuring approximately 8 inches (20.2 cm) in length, 4.6 inches (11.6 cm) in width, and 1.31 inches (3.5 cm) in height.



Figure 7.2: The total length of the screwdriver handle when fully extended with a bit, measuring approximately 8.4 inches (21.4 cm).

8. WARRANTY & SUPPORT







8.1 Warranty Information

For detailed warranty information regarding your Amazon Basics Magnetic Ratcheting Wrench and Electronics Precision Screwdriver Set, please refer to the official warranty document. A PDF version of the warranty is available for download: [Download Warranty \(PDF\)](#)

8.2 Customer Support

If you have any questions, require assistance, or need to report an issue with your product, please contact Amazon Basics customer support through the Amazon website. You can typically find support options by visiting the product page on Amazon.com and looking for customer service links or by navigating to the "Help" section of your Amazon account.

Related Documents - DS-AMZ035

	<p>Amazon Basics by SKIL 4V Cordless Stick Screwdriver Features & Specs</p> <p>Discover the Amazon Basics by SKIL 4V Cordless Stick Screwdriver, a versatile tool featuring USB charging, LED work light, and multiple bit sets for various DIY tasks. Previously branded as Denali.</p>
	<p>Amazon Basics Drive Click Torque Wrench User Manual</p> <p>User manual for Amazon Basics Drive Click Torque Wrenches (models B07SZVW98Z, B07SYTQ6FT, B07SV45HRY, B07ST25HJ5). Covers safety, operation, maintenance, and specifications for household use.</p>
	<p>Amazon Basics 10-Piece Hard Anodized Non-stick Cookware Set User Manual</p> <p>User manual for the Amazon Basics 10-Piece Hard Anodized Non-stick Stackable Cookware Set, including safety precautions, usage instructions, and care guidelines.</p>
	<p>Amazon Basics 6-Piece Sling Folding Patio Dining Set: Assembly, Safety, and Care Guide</p> <p>Your complete guide to the Amazon Basics 6-Piece Sling Folding Patio Dining Set with Glass Table Top and Umbrella. Learn how to safely assemble, use, clean, and maintain your outdoor furniture. Includes detailed specifications and warranty information.</p>
	<p>Amazon Basics Drive Click Torque Wrench User Manual</p> <p>This user manual provides essential information for operating and maintaining the Amazon Basics Drive Click Torque Wrench. Learn about safety precautions, product features, how to set and apply torque, and specifications for models B07SZVW98Z, B07SYTQ6FT, B07SV45HRY, and B07ST25HJ5.</p>
	<p>Amazon Basics 1/4-Inch Drive Click Torque Wrench User Manual</p> <p>User manual for the Amazon Basics 1/4-Inch Drive Click Torque Wrench, covering safe operation, torque setting, maintenance, and specifications for household use.</p>

