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AECOJOY 7' x 7' Metal Storage Shed

AECOJOY 7' x 7' Metal Storage Shed Instruction Manual

INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of your AECOJOY 7' x 7' Metal Storage Shed. Please read all instructions carefully before beginning assembly and retain this manual for future reference. Proper assembly and care will ensure the longevity and functionality of your storage shed.

SAFETY INFORMATION

- Handle the galvanized steel material with care to avoid injuries. Edges can be sharp. It is recommended to wear protective gloves during assembly.
- Use caution when assembling and handling the product, as it weighs approximately 128.6 pounds. Two or more people are recommended for safe assembly.
- Be aware of the air vents to prevent small objects or pets from entering the shed.
- Ensure the shed is anchored securely to the ground to prevent damage from wind or other environmental factors. Anchoring hardware is not included and must be sourced separately.
- Do not climb on the roof of the shed.

PACKAGE CONTENTS

Your AECOJOY 7' x 7' Metal Storage Shed is delivered in two boxes. Please verify that all parts listed in the included parts list are present and undamaged before beginning assembly. A detailed parts list with corresponding labels is provided within the packaging.

TOOLS REQUIRED FOR ASSEMBLY

- Two Philips screwdrivers (magnetic tip recommended)
- Cordless drill with 1/16" or 5/64" metal drill bits (for pilot holes if needed)
- Ratchet wrench with 11/32" bit
- Measuring tape

- Level
- Magnetic tray for holding screws and small parts
- Work gloves
- Step ladder
- Screws and anchors for securing the base to your foundation (not included)

SITE PREPARATION

The shed must be installed on a perfectly level surface. Suitable foundations include a concrete pad, compacted decomposed granite, or a raised wooden floor. Ensure the chosen site is clear of debris and provides adequate drainage.

ASSEMBLY INSTRUCTIONS

Assembly typically requires two people and can take several hours. Follow the step-by-step instructions provided in your package. The following general tips will aid in the process:

Preparation of Panels and Screws

- Most panels are covered with a protective plastic film. It is recommended to remove this film from larger, tapered pieces before assembly. This process can be time-consuming and requires caution due to sharp metal edges. Straight pieces can have their film removed during assembly.
- There are numerous screws that require plastic washers. Attaching these washers to the screws beforehand will save time during assembly.

Base Assembly

- Lay out the base rails on your prepared level surface.
- Measure the diagonals to ensure the base is perfectly square.
- Secure the base rails to your foundation using appropriate screws and anchors (not included). It is recommended to drill screw holes along the inside of the base rail, approximately 18 inches on center, for robust anchoring.

Wall and Roof Assembly

- Assemble the wall panels according to the provided diagrams. Ensure all connections are secure.
- The roof supports can be assembled on the ground and then lifted into place, or assembled in place. If assembling on the ground, keep fasteners loose until the structure is properly aligned.
- Roof panels may require careful alignment. If screw holes do not align perfectly, a small pilot hole can be drilled.
- The shed features a downward sloping roof design to prevent water accumulation.



Image: Exterior view of the AECOJOY 7' x 7' Metal Storage Shed in a garden setting.

Door Installation

- Install the sliding doors. Ensure the door tracks are clear and lubricated for smooth operation.
- Door alignment can be challenging. The manufacturer's design does not offer extensive adjustment. Minor bending of braces or adjusting hinges might help. For optimal function, ensure the shed base is perfectly level.
- The shed features a metal latch locking system for security.



Image: The AECOJOY 7' x 7' Metal Storage Shed with its sliding doors open, revealing a spacious interior suitable for storing various tools and equipment.

Ridge Cap

- The ridge cap should be installed after the roof panels. While the instructions may suggest installing it as a single unit, consider adding additional screws along the length of the ridge cap for increased stability, especially in areas prone to high winds. If adding extra screws, it may be easier to do so after attaching one side of the roof and before the other, as the center of the roof may be difficult to reach once both sides are fully installed.



Metal-latch ... Locking System

Protective gloves for assembling



Stable and Sturdy ... Interior Structure

Updated design with plastic cloth makes it more durable



Downward Slope ... of Roof

*Make sure water don't
stay on top*

Image: A detailed view highlighting the shed's metal latch locking system, the stable interior structure, and the downward slope of the roof designed for water drainage.

OPERATION

The AECOJOY Metal Storage Shed is designed for straightforward operation.

- **Opening/Closing Doors:** The shed features pushing-pulling double sliding doors. Gently slide the doors along their tracks to open or close. Avoid forcing the doors if they encounter resistance.

- **Locking Mechanism:** Utilize the integrated metal latch locking system with keys to secure your stored items. Always ensure the doors are fully closed before locking.
- **Ventilation:** The shed includes special air vents to ensure air fluidity inside, preventing stuffiness and reducing condensation. Do not obstruct these vents.



Image: The AECOJOY 7' x 7' Metal Storage Shed with its doors closed, demonstrating its compact and secure appearance in an outdoor setting.

MAINTENANCE

Regular maintenance will help preserve the condition and extend the lifespan of your shed.

- **Cleaning:** Clean the exterior of the shed periodically with mild soap and water. Avoid abrasive cleaners or harsh chemicals that could damage the finish.
- **Fastener Check:** Annually inspect all screws and bolts to ensure they remain tight. Re-tighten any loose fasteners.
- **Rust Prevention:** Although made of galvanized steel, minor scratches can expose the metal to moisture. Touch up any deep scratches with rust-inhibiting paint to prevent corrosion.
- **Door Tracks:** Keep the door tracks clear of dirt and debris. Lubricate the tracks annually with a silicone-

based spray to ensure smooth operation.

- **Sealing:** Consider applying an exterior silicone sealant around the base of the shed and any panel joints to enhance water resistance, especially in areas with heavy rainfall.

TROUBLESHOOTING

- **Water Leakage:** If water enters the shed, check the base for proper sealing and ensure all roof panels are securely fastened. Apply additional silicone sealant to the base perimeter and any gaps in the panels if necessary. Ensure the ground around the shed slopes away to prevent water pooling.
- **Difficult Door Operation:** If doors bind or are difficult to slide, check the levelness of the shed's base. Ensure the door tracks are clean and free of obstructions. Lubricate the tracks with a silicone spray. Minor adjustments to door braces or hinges may be required.
- **Loose Panels:** Periodically check all panel connections and fasteners. Re-tighten any loose screws to maintain structural integrity.

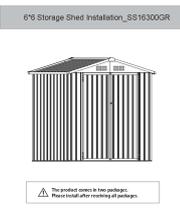
SPECIFICATIONS

Feature	Specification
Brand	AECOJOY
Model	7' x 7' Metal Storage Shed
Color	Gray
Material	Galvanized Steel, Alloy Steel, Metal, Plastic
Product Dimensions (D x W x H)	77.2" x 79.3" x 83.4"
Item Weight	128.6 Pounds
Door Style	Sliding Doors
Door Width	63 Inches
Door Height	47.7 Inches
Water Resistance Level	Waterproof
Assembly Required	Yes

CUSTOMER SUPPORT

For any assistance, hardware issues, or questions regarding your AECOJOY 7' x 7' Metal Storage Shed, please contact AECOJOY customer service. They guarantee a reply within 24 hours to address your concerns.

Please refer to the contact information provided in your product packaging or visit the official AECOJOY website for support details.

	<p>AECOJOY 6x4 Outdoor Metal Storage Shed Installation Guide (Model 16207GR)</p> <p>Comprehensive installation guide for the AECOJOY 6x4 outdoor metal storage shed (Model 16207GR). Includes parts list, assembly steps, safety precautions, and required tools for proper setup.</p>
 <p>7' x 4' Metal Storage Shed Owner Manual & Assemble Guide, SS16233</p>	<p>AECOJOY 7' x 4' Metal Storage Shed Assembly Manual and Owner's Guide</p> <p>Comprehensive assembly instructions and owner's guide for the AECOJOY 7' x 4' Metal Storage Shed (Model SS16233). Includes parts lists, hardware details, safety precautions, and step-by-step assembly guidance.</p>
 <p>AECOJOY 3x7.5 Metal Storage Shed Installation Guide, Model SS16325GR</p>	<p>AECOJOY 3x7.5 Metal Storage Shed Installation Guide (Model SS16325GR)</p> <p>Detailed assembly instructions for the AECOJOY 3x7.5 metal outdoor storage shed, model SS16325GR. This guide includes a comprehensive parts list, essential safety precautions, and step-by-step instructions with textual descriptions of all assembly diagrams.</p>
 <p>3x7.5 Storage Shed Installation Guide - SS16325GR</p>	<p>3x7.5 Storage Shed Installation Guide - SS16325GR</p> <p>Comprehensive installation guide for the AECOJOY 3x7.5 Storage Shed (Model SS16325GR), detailing parts, tools, safety, and step-by-step assembly instructions.</p>
 <p>6'6 Storage Shed Installation, SS16300GR</p>	<p>AECOJOY 6x6 Storage Shed Installation Guide (Model SS16300GR)</p> <p>Comprehensive installation manual for the AECOJOY 6x6 Storage Shed, model SS16300GR. Includes detailed parts lists, required tools, safety precautions, and step-by-step assembly instructions for building your outdoor storage shed.</p>
 <p>Storage Shed Owner Manual & Assemble Guide, SS16334</p>	<p>AECOJOY Storage Shed Assembly Guide SS16334 - Outdoor Storage Solutions</p> <p>Comprehensive owner's manual and assembly guide for the AECOJOY SS16334 storage shed. Includes part lists, detailed assembly steps, care instructions, and rust protection tips.</p>