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> [ACOJOY 10'x10' Metal Storage Shed Instruction Manual](#)

AECOJOY 16322WH

ACOJOY 10'x10' Metal Storage Shed

Model: 16322WH

Brand: AECOJOY

1. INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of your ACOJOY 10'x10' Metal Storage Shed. Please read all instructions carefully before beginning assembly and retain this manual for future reference. This shed is designed to provide a spacious and secure storage solution for outdoor vehicles, tools, and other items, offering approximately 95 square feet of storage space.

2. SAFETY INFORMATION

- Always wear appropriate personal protective equipment (PPE), including gloves and eye protection, during assembly to prevent cuts from sharp metal edges.
- Ensure the assembly area is clear of obstructions and well-lit.
- Do not attempt to assemble the shed in strong winds or adverse weather conditions.
- Always work with at least two people for safe and efficient assembly, especially when handling large panels or installing the roof.
- Keep children and pets away from the assembly area.
- Ensure the shed is anchored securely to the ground to prevent wind damage. Anchors are not provided and must be sourced separately.

3. COMPONENTS AND TOOLS REQUIRED

Before starting assembly, unpack all components and verify against the parts list provided in your packaging. Remove all protective plastic film from the panels. This process can be time-consuming, especially for larger pieces, and should be done carefully to avoid cuts. Prepare all screws by attaching plastic washers as needed.

Recommended Tools:

- Two Philips head screwdrivers (one with a magnetic bit is highly recommended)
- Step ladder

- Drill with 1/16" or 5/64" metal drill bits (for pre-drilling if needed)
- Ratchet wrench with 11/32" bit
- Measuring tape
- Level
- Magnetic tray for holding screws and small parts
- Screws and anchors suitable for your chosen base material (not included)

4. SETUP AND ASSEMBLY

4.1 Site Preparation

The shed must be installed on a perfectly level surface to ensure proper alignment and stability. Suitable base options include a raised wood floor (e.g., treated wood with plywood), a concrete pad, or compacted decomposed granite. Plan for anchoring the shed to your chosen base, as no anchors are provided.



Figure 4.1: Shed dimensions and suitable flooring options.

4.2 Base Rail Installation

Lay out the base rails on your prepared level surface. The base rails do not have pre-drilled anchor holes. It is recommended to drill screw holes along the inside of the base rail, approximately 18 inches on center, for secure anchoring. Position the base rails, ensuring the structure is square by measuring the diagonals. Secure with one screw per side initially. Consider the door swing path to ensure it clears any obstacles.

4.3 Wall Panel Assembly

Follow the provided step-by-step guide for attaching the wall panels. It is crucial to ensure proper alignment from the start to avoid issues with screw holes later in the assembly process. Work with another person, with one preparing parts (removing plastic, attaching washers) and the other screwing components together, holding pieces in place as needed.

Product	Feature	Detail	Dimension
			
	Cleanliness for your yard ✓		
	The shed will provide cleanliness for your yard. Your lover won't be mad at you for messy yard.		
			
The disorderly backyard			
Without the storage shed, your tools and debris have no place to store, put the yard in a mess.			

Figure 4.2: Assembled shed exterior with open doors.

4.4 Roof Assembly

The roof supports can be assembled on the ground and then lifted into place, or assembled directly on top of the shed structure. If assembling on the ground, keep fasteners loose until the roof is in position and well-aligned. The roof panels may require careful alignment to match all screw holes. In some cases, minor

adjustments or drilling new holes may be necessary to ensure a secure fit.

4.5 Door Installation

Install the sliding doors according to the instructions. Note that door alignment can be challenging. Ensure the door jambs are correctly positioned. If doors do not fit well or bind, minor adjustments to hinges and screws may be required. The door handle installation instructions should be followed carefully.



Figure 4.3: Interior view of the shed, demonstrating ample storage space.

5. OPERATION

Your ACOJOY 10'x10' shed features spacious storage, offering 95 square feet of usable area. The sliding doors provide easy access for storing various items, from outdoor vehicles and tools to creating a dedicated workspace or additional storage for garden equipment.



Storage Room



Tools Shed



Pet Room



Garbage Chamber

Figure 5.1: Shed exterior with tools and equipment.



Figure 5.2: Shed interior storing a lawnmower.

6. MAINTENANCE

The galvanized metal construction provides resistance against rust, oxidation, and moisture. To ensure the longevity of your shed:

- Regularly inspect the shed for any signs of wear or damage.
- Periodically check all screws and fasteners for tightness and re-tighten as necessary.
- To prevent water ingress, consider applying a bead of exterior silicone sealant around the base of the shed where it meets the foundation. Foam weather stripping can also be added along the door gaps.
- Address any scratches on the painted surface promptly with a matching touch-up paint to prevent rust, especially in humid or coastal environments.
- Keep the area around the shed clear of debris to ensure proper ventilation and drainage.

7. TROUBLESHOOTING

7.1 Door Alignment Issues

If the sliding doors do not close smoothly or bind, check the following:

- **Level Surface:** Ensure the shed's base is perfectly level. An uneven foundation is a common cause of door misalignment.
- **Frame Squareness:** Verify that the overall shed frame is square. Minor adjustments to the frame's corners can sometimes resolve door issues.
- **Hinges and Braces:** Inspect the door hinges and braces for any bending or improper installation. Adjusting screws or gently bending components back into shape may help.
- **Obstructions:** Check for any debris or obstructions in the door tracks.

7.2 Roof Ridge Cap Security

The ridge cap is secured at the ends. For enhanced security, especially in areas prone to high winds, consider adding additional self-tapping roofing screws with rubber seals along the middle sections of the ridge cap. This may require installing the screws as roof panels are being placed, as access to the center of the roof may be limited once fully assembled.

7.3 Scratches and Rust Prevention

The shed's paint finish is thin and can scratch easily during assembly or use. To prevent rust, especially in humid or saltwater environments, immediately touch up any scratches with a rust-inhibiting paint that matches the shed's color. While not provided, a small aerosol can of matching paint is recommended for this purpose.

8. SPECIFICATIONS

Attribute	Value
Brand	AECOJOY
Color	White
Material	Metal
Product Dimensions (D x W x H)	117.3"D x 117.3"W x 77.2"H
Item Weight	190 Pounds
Style	10x10 storage shed
Base Material	Metal
Top Material Type	Metal
Water Resistance Level	Waterproof
Frame Material	Metal
Door Style	Sliding Doors
Assembly Required	Yes
Model Number	16322WH

9. WARRANTY AND SUPPORT

Your ACOJOY 10'x10' Metal Storage Shed comes with a 1-year warranty. For any issues or assistance, 24/7 lifelong customer support is available. Please refer to your purchase documentation for contact details or visit the official AECOJOY store on Amazon: [AECOJOY Store](#).