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VINGLI VL-G57000415

VINGLI Metal Porch Swing Stand Instruction Manual

Model: VL-G57000415
Brand: VINGLI

1. Product Overview

The VINGLI Metal Porch Swing Stand (Model VL-G57000415) is a heavy-duty steel frame designed to support porch swings in outdoor environments. It features an upgraded stability design with extra side bars and a powder-coated finish for durability and weather resistance. This stand is engineered to provide a secure and stable foundation for your swing. Key features include:

- **Enhanced Stability:** Equipped with two connecting bars on each side for superior stability compared to single-bar designs.
- **Durable Finish:** Features a powder-coated black finish that enhances durability and provides an elegant appearance, maintaining performance over time.
- **High Weight Capacity:** Constructed from premium iron, capable of supporting up to 660 lbs.
- **Easy Assembly:** Designed for straightforward assembly, typically requiring two persons and approximately 10 minutes.
- **All-Weather Design:** Made with high-quality materials to withstand various weather conditions.

2. Safety Information

Please read and understand all safety instructions before assembly and use. Failure to follow these instructions may result in injury or product damage.

- **Weight Limit:** Do not exceed the maximum weight capacity of 660 lbs.
- **Assembly:** Always assemble with at least two adults. Ensure all bolts and connections are securely tightened before use.
- **Surface Protection:** Avoid scratching or damaging the powder-coated finish, as this can compromise its weather resistance.
- **Placement:** Place the swing stand on a level, stable surface.
- **Regular Inspection:** Periodically check all components for wear, damage, or loose connections.

3. Parts List

Before beginning assembly, ensure all parts are present and undamaged. Refer to the diagram below for identification.



Figure 3.1: Exploded view of swing stand components.

Typical components include:

- Top Curved Bar (1)
- Side Support Legs (4)
- Horizontal Connecting Bars (2)
- Side Stabilizer Bars (4)
- Hanging Rings (2)
- Assorted Bolts, Washers, and Nuts
- Wrench (1)

4. Setup and Assembly Instructions

Assembly is designed to be straightforward. For optimal safety and ease, two people are recommended for assembly.

1. **Unpack and Identify Parts:** Carefully remove all components from the packaging. Lay them out and compare them against the parts list to ensure everything is present.
2. **Assemble Side Frames:** Attach the side support legs to the top curved bar using the provided bolts, washers, and nuts. Ensure the H-type stiffeners and double-frame stabilizers are correctly oriented for maximum stability. Do not fully tighten bolts at this stage.

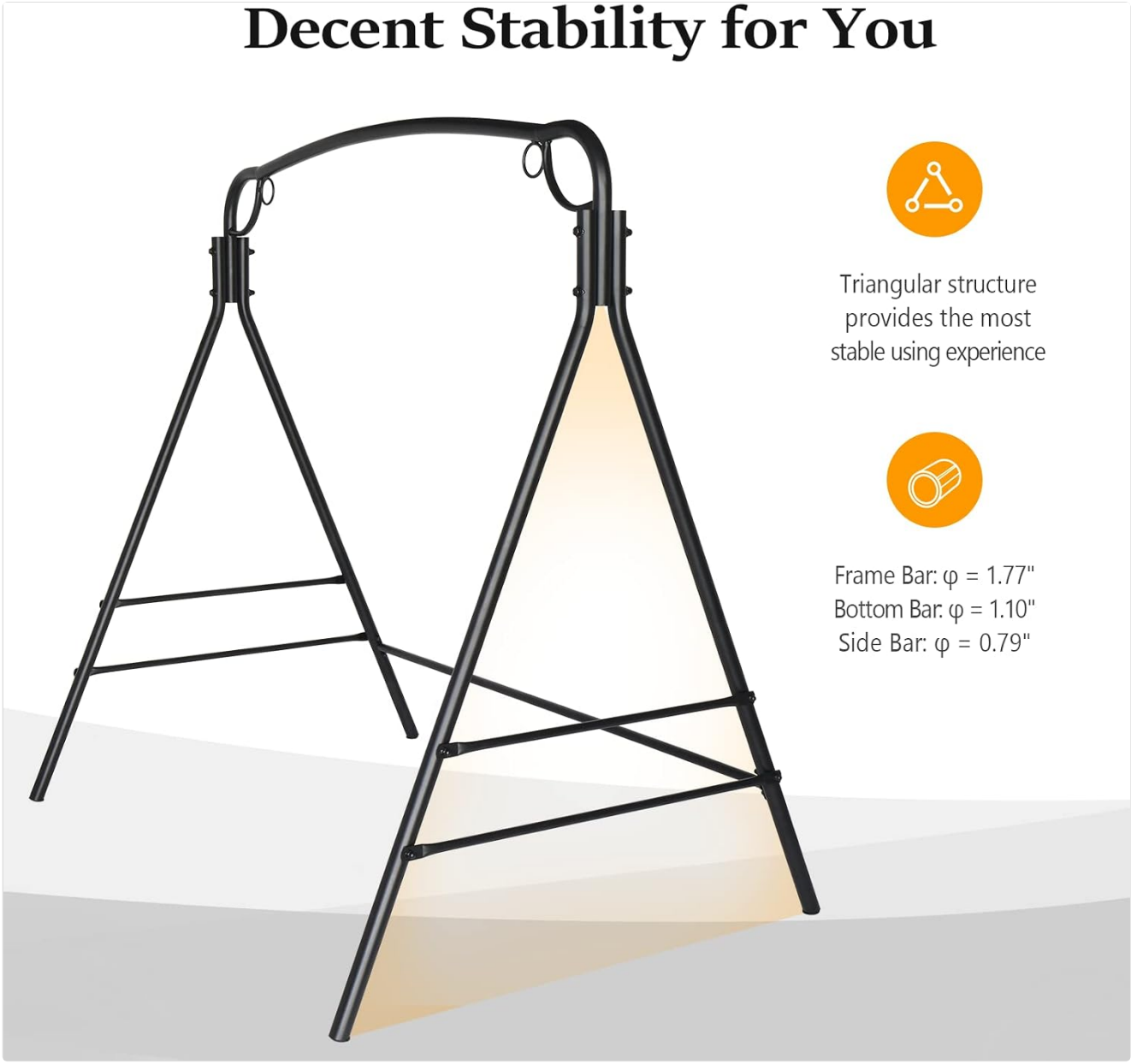


Figure 4.1: Side frame assembly with stability features.

3. **Connect Side Frames:** Connect the two assembled side frames using the horizontal connecting bars. Ensure these bars are properly aligned and secured with bolts.



Figure 4.2: Example of a bolted connection.

4. **Attach Side Stabilizer Bars:** Secure the additional side stabilizer bars to the lower sections of the side support legs. These contribute to the overall triangular structure for enhanced stability.



Figure 4.3: Triangular structure for stability.

5. **Final Tightening:** Once all components are in place, systematically tighten all bolts using the provided wrench. Ensure all connections are firm and secure.
6. **Hang Your Swing:** Use the integrated hanging rings at the top of the stand to attach your porch swing. The 2-ring design provides secure attachment points.

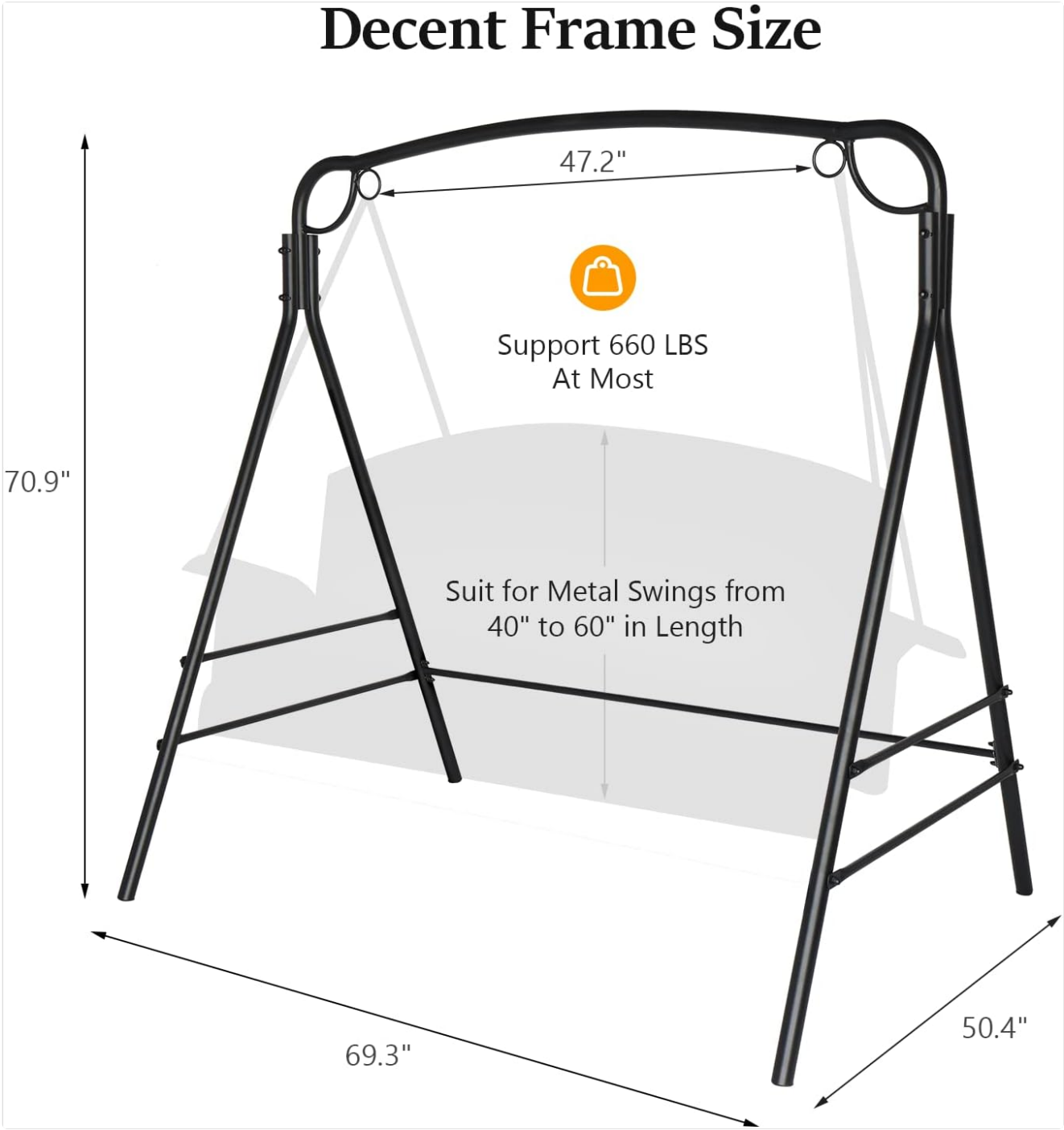


Figure 4.4: Secure 2-ring hanging mechanism.

5. Operating Instructions

Once assembled, the VINGLI Metal Porch Swing Stand is ready for use with a compatible porch swing.

- **Swing Compatibility:** This stand is suitable for porch swings with a width ranging from 39.5 to 59 inches.
- **Installation:** Attach your porch swing securely to the two hanging rings located on the top bar of the stand. Ensure the chains or ropes of your swing are properly fastened and balanced.
- **Usage:** Gently sit on the swing and test its stability before full use. Avoid sudden movements or excessive force that could strain the frame.
- **Weight Distribution:** Distribute weight evenly on the swing to prevent undue stress on any single point of the frame.



Figure 5.1: Swing stand in use on a porch.

6. Maintenance

Proper maintenance will extend the life and appearance of your VINGLI Metal Porch Swing Stand.

- **Cleaning:** Clean the frame regularly with a mild soap and water solution. Rinse thoroughly and dry with a soft cloth to prevent water spots and maintain the finish.
- **Finish Protection:** The powder-coated finish is designed for outdoor use. However, avoid abrasive cleaners or sharp objects that could chip or scratch the coating.
- **Seasonal Care:** During harsh weather conditions (e.g., heavy snow, extreme cold), consider covering the swing stand or storing it indoors to protect it from prolonged exposure.
- **Bolt Inspection:** Periodically check all bolts and connections to ensure they remain tight. Re-tighten as necessary to maintain structural integrity.

7. Troubleshooting

If you encounter any issues with your swing stand, refer to the following common solutions:

- **Wobbling or Instability:** If the stand feels wobbly, re-check all bolted connections. Ensure they are fully tightened. Verify that the stand is placed on a flat, level surface. Uneven ground can cause instability.
- **Difficulty Aligning Holes During Assembly:** If holes do not align easily, slightly loosen adjacent bolts to allow for minor adjustments. Ensure all parts are oriented correctly according to the assembly diagrams. Do not force bolts, as this can strip threads or damage components.
- **Rust Spots:** While the stand has a powder-coated finish, prolonged exposure to moisture or damage to the coating can lead to rust. Address minor rust spots by cleaning the area, lightly sanding if necessary, and applying a rust-inhibiting paint matching the original finish.

8. Specifications

Attribute	Detail
Brand	VINGLI
Model Number	VL-G57000415
Color	Black
Material	Iron
Product Dimensions (D x W x H)	50.4"D x 69.3"W x 70.9"H
Item Weight	24.2 Pounds
Maximum Weight Recommendation	660 Pounds
Compatible Swing Width	39.5 to 59 inches
Assembly Required	Yes
UPC	810158420847

9. Warranty and Support

For warranty information or customer support, please contact VINGLI directly through their official website or the retailer where the product was purchased. Keep your purchase receipt and model number (VL-G57000415) handy for faster service.

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