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Garvee PHO_11J92QAL-GFBM01OI7n

Garvee 3-Step Outdoor/Indoor Handrail Instruction Manual

Model: PHO_11J92QAL-GFBM01OI7n

1. Introduction

This manual provides detailed instructions for the safe and proper installation, operation, and maintenance of your Garvee 3-Step Outdoor/Indoor Handrail. Please read all instructions carefully before beginning installation to ensure safety and optimal performance. This handrail is designed to provide stable support for 3-step staircases, both indoors and outdoors.

2. Package Contents

Verify that all components are present before starting installation. If any parts are missing or damaged, please contact Garvee customer support.

- Aluminum Handrail Section
- Iron Support Poles
- Mounting Hardware (Lag bolts for wood, anchor bolts for concrete)
- Work Gloves (1 Pair)
- Installation Tools (Wrench, Hex Key)



Image: Included Components. This image displays the handrail, a pair of work gloves, various mounting hardware (bolts, screws), and basic installation tools like a wrench and hex key, indicating a complete DIY kit.

3. Specifications

Feature	Detail
Brand	Garvee
Model Number	PHO_11J92QAL-GFBM01OI7n
Material	Aluminum (handrail), High-quality Iron (poles)
Color	Black
Item Weight	12.96 Pounds
Product Dimensions (L x W)	36.46"L x 37.17"W
Adjustable Angle	0° to 45°
Coating	Cataphoretic Primer & Powder Coating



Image: Product Dimensions and Adjustable Angle. This graphic illustrates the overall dimensions of the handrail (approximately 36.5 inches long and 37.2 inches high) and highlights its adjustable angle feature, allowing for installation on slopes from 0 to 45 degrees.

4. Setup and Installation

Follow these steps for a secure installation. Ensure you wear the provided work gloves for protection.

1. **Prepare the Handrail:** Attach the aluminum handrail section to the iron support poles. Ensure all connections are snug but do not overtighten initially.
2. **Adjust the Angle:** Position the handrail on your steps. Adjust the angle of the handrail from 0° to 45° to match the slope of your staircase. Use the provided hex key to secure the angle adjustment bolts.
3. **Mark Drilling Locations:** Once the angle is set, mark the drilling locations for the base plates on your steps. Ensure the handrail is level and properly aligned.
4. **Drill Holes:** Drill pilot holes at the marked locations. Use an appropriate drill bit for your surface (wood or concrete).
5. **Secure Base Plates:** Insert the appropriate anchor bolts (for concrete) or lag bolts (for wood) into the drilled holes. Securely fasten the handrail's base plates to the steps.
6. **Final Tightening:** Once the base plates are secured, re-check all connections and tighten all bolts firmly to ensure stability.



Image: Installation Steps. This image shows a six-step visual guide for installing the handrail, including attaching components, adjusting the angle, marking, drilling, and securing the base plates to the ground.

5. Operating and Usage

The Garvee handrail is designed for versatile use and enhanced safety.

- **Adjustable Angle:** The handrail's angle can be adjusted from 0° to 45° to accommodate various stair slopes, making it suitable for most 3-step staircases.
- **Versatile Placement:** It can be installed on indoor or outdoor steps, porches, garden paths, and other areas requiring stable support.
- **Safety Enhancement:** Provides a secure grip point to prevent slips and falls, offering stability for all users, including children, seniors, and pets.



Image: Versatile Use Scenarios. This collage shows the handrail installed in various settings: indoor stairs, garden steps, porch steps, and patio steps, demonstrating its adaptability to different environments.



Image: Versatile Design for Various Surfaces. This image highlights the handrail's compatibility with different step materials such as cement, wood, and brick, showcasing its robust and adaptable design.

6. Maintenance

Proper maintenance ensures the longevity and appearance of your Garvee handrail.

- **Cleaning:** Wipe the handrail regularly with a soft, damp cloth to remove dust and dirt. For stubborn grime, use a mild soap solution and rinse thoroughly. Avoid abrasive cleaners or harsh chemicals.
- **Inspection:** Periodically check all bolts and connections to ensure they remain tight. Retighten if necessary. Inspect the coating for any signs of damage or wear.
- **Corrosion Protection:** The handrail features a cataphoretic primer and powder coating for enhanced corrosion resistance. While highly durable, avoid prolonged exposure to standing water or highly corrosive substances.



Image: Durability Features. This graphic illustrates the handrail's resistance to rain, corrosion, and UV radiation, along with its easy-to-clean surface, highlighting its suitability for durable outdoor and indoor use.

7. Troubleshooting

If you encounter any issues with your Garvee handrail, refer to the following common solutions:

- **Handrail Feels Loose:** Check all mounting bolts and connection points. Ensure they are securely tightened. Over

time, vibrations or heavy use can cause bolts to loosen.

- **Difficulty Adjusting Angle:** Ensure the angle adjustment bolts are sufficiently loosened before attempting to change the angle. If resistance persists, check for any obstructions or debris in the joint.
- **Surface Damage:** Minor scratches can be touched up with appropriate black outdoor-grade paint. For significant damage to the coating, contact customer support for advice.

For issues not covered here, please contact Garvee customer support.

8. Warranty and Support

Garvee stands behind the quality of its products. For warranty information, product support, or to purchase replacement parts, please refer to the contact information provided with your purchase or visit the official Garvee website.
When contacting support, please have your model number (PHO_11J92QAL-GFBM01OI7n) and purchase date available.

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