

## Harmar AL100

# Harmar AL100 Mobility Scooter Lift User Manual

Model: AL100 | Brand: Harmar

### INTRODUCTION

This manual provides essential instructions for the safe and effective use of your Harmar AL100 Mobility Scooter Lift. It covers installation guidelines, operational procedures, maintenance recommendations, and product specifications. Please read this manual thoroughly before installing or operating the lift to ensure proper function and safety.



**Image 1:** The Harmar AL100 Mobility Scooter Lift. This image displays the lift platform and the automatic clamping arm mechanism, ready for scooter loading.

## SAFETY INFORMATION

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Always prioritize safety when operating the Harmar AL100 lift. Failure to follow safety instructions can result in injury or damage to the lift or scooter.

- Ensure the vehicle is parked on a level surface and the parking brake is engaged before operating the lift.
- Do not exceed the lift's maximum weight capacity of 350 pounds.
- Keep hands and clothing clear of moving parts during operation.
- Verify that the scooter is securely clamped before driving the vehicle.
- Refer to your vehicle's owner's manual for towing capacity and hitch requirements.

## SETUP AND INSTALLATION

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The Harmar AL100 lift requires professional installation to ensure proper function and safety. This section provides general guidance; always refer to the detailed installation manual provided with your product or consult a certified technician.

1. **Hitch Receiver Compatibility:** Ensure your vehicle is equipped with a Class II or III hitch receiver that can support the weight of the lift and your mobility scooter.
2. **Mounting the Lift:** Securely attach the lift assembly to the vehicle's hitch receiver using the provided hardware.

3. **Electrical Connection:** Connect the lift's wiring harness to the vehicle's electrical system. This typically involves connecting to the battery for power and potentially to the vehicle's taillight system for brake/turn signals if applicable.
4. **Initial Adjustment:** Perform initial adjustments to the lift platform and clamping arm to ensure it is level and properly aligned for your specific scooter model.



**Image 2:** The Harmar AL100 lift in its folded, stowed position against the rear of an SUV. This demonstrates the compact storage when not in use.

## OPERATING INSTRUCTIONS

### Loading a Scooter

1. **Prepare the Lift:** Lower the lift platform to the ground using the control switch.
2. **Position the Scooter:** Drive or roll your mobility scooter onto the center of the lift platform. Ensure the scooter is aligned and stable.
3. **Engage Clamping Arm:** Activate the lift's control switch to raise the platform. As the platform rises, the unique clamping arm will automatically secure the scooter by lowering onto its frame. Listen for a "clicking" sound indicating the arm is fully engaged.
4. **Verify Security:** Visually inspect that the scooter is firmly held by the clamping arm and is stable on the platform before driving.



**Image 3:** A user carefully driving a mobility scooter onto the Harmar AL100 lift platform, which is lowered to the ground.





**Image 4:** A mobility scooter fully loaded and secured on the Harmar AL100 lift, with the platform raised and the clamping arm engaged.

## Unloading a Scooter

1. **Prepare the Vehicle:** Park the vehicle on a level surface and engage the parking brake.
2. **Lower the Lift:** Use the control switch to lower the lift platform until it rests on the ground. The clamping arm will automatically release the scooter as the platform descends.
3. **Remove the Scooter:** Once the platform is fully lowered and the clamping arm is disengaged, carefully drive or roll the scooter off the lift.
4. **Stow the Lift (Optional):** If not immediately reloading, you may raise the empty platform to its folded, stowed position against the vehicle.



**Image 5:** A blue mobility scooter positioned on the Harmar AL100 lift platform, demonstrating the secure placement before or after transport.

## MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Harmar AL100 lift. Perform these checks periodically:

- **Visual Inspection:** Regularly check all structural components, welds, and fasteners for signs of wear, damage, or corrosion.
- **Electrical System:** Inspect wiring and connections for fraying, corrosion, or loose terminals. Ensure the battery connection is secure.
- **Moving Parts:** Keep moving parts, such as hinges and the clamping arm mechanism, clean and free of debris. Lubricate pivot points as recommended by Harmar's specific maintenance guide.
- **Platform Condition:** Ensure the lift platform is clean and free of obstructions that could interfere with scooter placement or stability.
- **Professional Service:** Schedule periodic inspections and service with an authorized Harmar dealer or qualified technician.

## TROUBLESHOOTING

This section addresses common issues you might encounter with your Harmar AL100 lift. For more complex problems, contact customer support.

- **Lift Not Operating:**
  - Check the vehicle's battery for sufficient charge.
  - Verify all electrical connections are secure and free of corrosion.
  - Ensure the lift's power switch (if equipped) is in the "on" position.
  - Inspect the fuse for the lift's electrical circuit.
- **Scooter Not Securing Properly:**
  - Ensure the scooter is centered on the platform.
  - Check for any obstructions preventing the clamping arm from fully engaging.
  - Verify the clamping arm mechanism is clean and operating smoothly.
- **Unusual Noises During Operation:**
  - Stop operation immediately.
  - Inspect for loose components, debris, or signs of mechanical wear.
  - Contact a qualified technician for diagnosis and repair.

## SPECIFICATIONS

Model Name	AL100
Brand	Harmar
Item Weight	83 Pounds
Product Dimensions	27.5 x 39 x 5 inches
Color	Black
Manufacturer	Harmar
Date First Available	May 4, 2004

*Note: Specifications are subject to change without notice. Always refer to the product packaging or official Harmar documentation for the most current information.*

## WARRANTY INFORMATION

Specific warranty terms and conditions for the Harmar AL100 Mobility Scooter Lift are provided by the manufacturer at the time of purchase. Please retain your proof of purchase and consult the warranty documentation included with your product for details on coverage, duration, and how to make a claim. For further assistance, contact Harmar customer support or your authorized dealer.

## SUPPORT AND CONTACT

If you require technical assistance, have questions about installation, operation, or maintenance, or need to order replacement parts, please contact Harmar customer support or your authorized Harmar dealer.

- **Harmar Website:** Visit the official Harmar website for product information, FAQs, and dealer locators.

- **Customer Service:** Refer to the contact information provided in your product packaging or on the Harmar website.
- **Authorized Dealers:** Your purchasing dealer can often provide immediate support and service.