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## Harmar AL-500-WH-HASW

# Harmar AL500 Power Wheelchair Lift User Manual

MODEL: AL-500-WH-HASW

## Introduction

This manual provides essential information for the safe and effective use of your Harmar AL500 Power Wheelchair Lift. The AL500 is a durable, fully automatic outside carrier designed to transport power wheelchairs without requiring modifications to the chair. It features Harmar's unique Stars-N-Stripes aluminum deck design, reflecting its American heritage. Please read this manual thoroughly before installation or operation to ensure proper function and safety.

## Safety Information

**WARNING:** Improper installation or use of this lift can result in serious injury or damage to property.

- Always ensure the lift is properly installed by a qualified professional.
- Verify compatibility between your vehicle and power wheelchair with the lift before purchase and installation. Refer to the manufacturer's compatibility guidelines.
- Do not exceed the weight capacity of the lift.
- Ensure the power wheelchair is securely fastened to the lift platform before driving.
- Keep hands and clothing clear of moving parts during operation.
- Regularly inspect the lift for any signs of wear, damage, or loose components.
- Do not operate the lift if any part is damaged or malfunctioning.

## Setup

The Harmar AL500 Power Wheelchair Lift requires professional installation to ensure proper function and safety.

1. **Compatibility Verification:** Before installation, it is crucial to verify the compatibility of the lift with your specific vehicle make, year, and model, as well as your power wheelchair's make and model. This ensures proper fit and function. The AL123/HD Class III hitch adapter is included for vehicle attachment.
2. **Professional Installation:** It is highly recommended that the lift be installed by a certified Harmar dealer or a qualified mobility equipment technician. This ensures all wiring, hitch connections, and safety mechanisms are correctly configured.
3. **Initial Inspection:** After installation, perform a thorough visual inspection to confirm all components are securely fastened and there are no obstructions to the lift's operation.



An image showing the Harmar AL500 Power Wheelchair Lift. It features a sturdy aluminum platform with a Stars-N-Stripes design, a central vertical support pole, and a control box at the top. The platform is designed to securely hold a power wheelchair for transport.

## Operating Instructions

The Harmar AL500 is designed for ease of use with its fully automatic operation.

- 1. Power On:** Use the key lock on the motor cover to activate the lift's power.
- 2. Deploying the Platform:** Utilize the toggle switch to lower the lift platform to the ground. Ensure the area around the lift is clear.
- 3. Loading the Wheelchair:** Carefully drive or guide your power wheelchair onto the lift platform. Ensure it is centered and positioned correctly.

4. **Securing the Wheelchair:** Secure the power wheelchair using the integrated tie-downs or straps provided with the lift. Ensure the wheelchair is stable and cannot shift during transit.
5. **Lifting the Platform:** Use the toggle switch to raise the platform until it is fully stowed and locked in the upright position. The lift features power lifting for effortless operation.
6. **Automatic Folding:** When unoccupied, the lift platform will automatically fold up, reducing its footprint.
7. **Unloading:** Reverse the loading procedure. Lower the platform, unsecure the wheelchair, and drive it off the platform.
8. **Power Off:** Turn off the lift using the key lock when not in use to prevent unauthorized operation and conserve power.

## Maintenance

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Regular maintenance ensures the longevity and safe operation of your Harmar AL500 lift.

- **Cleaning:** Keep the lift platform and moving parts clean from dirt, debris, and road salt. Use a mild soap and water solution, then rinse thoroughly.
- **Lubrication:** Consult your professional installer or Harmar's official documentation for recommended lubrication points and schedules.
- **Inspection:** Periodically inspect all bolts, nuts, and fasteners for tightness. Check electrical connections for corrosion or damage. Examine the lift platform and arms for any signs of bending, cracks, or excessive wear.
- **Professional Service:** It is recommended to have the lift professionally inspected and serviced annually by a qualified technician.

## Troubleshooting

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If you encounter issues with your Harmar AL500 lift, consider the following common troubleshooting steps. For complex problems, contact a qualified technician.

- **Lift Not Operating:**
  - Ensure the key is fully inserted and turned to the "ON" position.
  - Check vehicle battery connections and ensure the vehicle's ignition is on (if required by installation).
  - Inspect all wiring for loose connections or damage.
  - Check for any blown fuses in the lift's electrical system.
- **Unusual Noises During Operation:**
  - Stop operation immediately.
  - Inspect for any obstructions or loose components.
  - Contact a professional technician for diagnosis.
- **Platform Not Level or Sticking:**
  - Ensure the lift is not overloaded.
  - Check for debris or obstructions in the moving parts.
  - Verify that the lift is properly lubricated.

## Specifications

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| Feature | Detail |
|---------|--------|
|---------|--------|

| Feature                     | Detail   |
|-----------------------------|--|
| <b>Brand</b>                | Harmar   |
| <b>Model Number</b>         | AL-500-WH-HASW   |
| <b>Material</b>             | Aluminum   |
| <b>Vehicle Service Type</b> | Car, Truck, Van  |
| <b>Operation</b>            | Power Lifting; Automatic folding when unoccupied                         |
| <b>Hitch Adapter</b>        | AL123/HD Class III hitch adapter included                                |
| <b>Key Features</b>         | Motor cover with key lock, toggle switch, license plate holder and light |
| <b>UPC</b>                  | 819095020080   |

## Warranty Information

Specific warranty details for the Harmar AL500 Power Wheelchair Lift are provided by the manufacturer. Please refer to the warranty card included with your product or visit the official Harmar website for the most current and comprehensive warranty policy. Retain your proof of purchase for warranty claims.

## Support

For technical assistance, parts, or service inquiries regarding your Harmar AL500 Power Wheelchair Lift, please contact Harmar customer support directly or reach out to your authorized Harmar dealer.

**Harmar Contact Information:** (Please refer to official Harmar website or product packaging for current contact details.)



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## Related Documents

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|  | <p><a href="#">Harmar AL301XL / AL301XL HD Extra Large Fusion Lifts for Scooters and Power Chairs</a></p> <p>Discover the Harmar AL301XL and AL301XL HD Extra Large Fusion Lifts, engineered to accommodate wider or longer mobility devices. Featuring robust construction, securement systems, and user-friendly operation for scooters and power chairs.</p> |
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|  | <p><a href="#"><u>Harmar Outside Vehicle Lift Owner's Manual</u></a></p> <p>Comprehensive owner's manual for the Harmar Outside Vehicle Lift, detailing operation, safety precautions, maintenance procedures, troubleshooting steps, and warranty information for users and installers.</p>   |
|  | <p><a href="#"><u>Harmar Accessibility Solutions 2015 Catalog: Lifts, Ramps, and Mobility Aids</u></a></p> <p>Explore Harmar's comprehensive range of accessibility solutions, including vertical platform lifts, stair lifts, incline lifts, cargo lifts, pool lifts, ramps, and auto lifts. This 2015 catalog details product features, specifications, and benefits for enhancing home and personal mobility.</p> |
|  | <p><a href="#"><u>Highlander II with Enclosure Platform Lift Installation and Service Manual</u></a></p> <p>Comprehensive installation and service manual for the Harmar Highlander II with Enclosure Platform Lift, detailing safety, preparation, installation procedures, and troubleshooting.</p>  |