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> Duramax DH 1.7 (770 L) Metal Garden Storage Box User Manual

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Model: DH 1.7 | Capacity: 770 Liters | Reference: 0638801711452

1. INTRODUCTION

Welcome to your new Duramax DH 1.7 Metal Garden Storage Box. This manual provides essential information for the safe assembly, operation, and maintenance of your storage unit. Please read these instructions carefully before beginning assembly or use to ensure proper function and longevity of your product.

The Duramax DH 1.7 is a waterproof and easy-to-maintain outdoor storage solution, crafted from hot-dip galvanized steel with a realistic wood grain finish. It offers approximately 770 liters of storage space, ideal for garden cushions, tools, and other outdoor equipment. Key features include hydraulic gas struts for easy lid operation and a locking eyelet for added security.



Figure 1: Duramax DH 1.7 Metal Garden Storage Box (closed view).

2. SAFETY INFORMATION

Observe the following safety guidelines during assembly and use:

- **Two-Person Assembly:** Assembly requires at least two adults. Some parts may be heavy or awkward to handle alone.
- **Wear Protective Gear:** Always wear work gloves to protect hands from sharp edges during assembly. Safety glasses are also recommended.
- **Stable Surface:** Assemble the storage box on a flat, level, and stable surface to prevent warping or instability.
- **Secure Placement:** Ensure the assembled box is placed on a firm, level surface. If used on uneven ground, the structure may become unstable.
- **Children and Pets:** Keep children and pets away from the assembly area. Do not allow children to play inside or on the storage box.
- **Weight Distribution:** Distribute contents evenly inside the box. Do not overload the box or place excessively heavy items on the lid.
- **Ventilation:** Do not store flammable liquids, chemicals, or other hazardous materials inside the box without proper ventilation and safety precautions.
- **Lid Operation:** Be cautious when opening and closing the lid. The hydraulic gas struts assist, but ensure hands and fingers are clear of pinch points.

3. PACKAGE CONTENTS

Before beginning assembly, unpack all components and verify that all parts are present and undamaged. Refer to the parts list provided in your packaging. If any parts are missing or damaged, do not proceed with assembly. Contact customer support for assistance.



Figure 2: The Duramax DH 1.7 storage box integrated into an outdoor environment.

Typical components include:

- Side Panels (Front, Back, Left, Right)
- Lid Assembly
- Base Plate
- Hydraulic Gas Struts (2 units)
- Handles (2 units)
- Locking Eyelet
- Hardware Kit (screws, nuts, washers, bolts)
- Instruction Manual

4. SETUP AND ASSEMBLY INSTRUCTIONS

Tools Required: Phillips head screwdriver, adjustable wrench, measuring tape, work gloves, safety glasses.

1. **Prepare the Assembly Site:** Choose a flat, level, and clear area for assembly. Ensure sufficient space around the box for maneuvering parts.
2. **Assemble the Base:** Connect the base plate sections according to the diagrams in your specific assembly guide. Ensure all connections are secure. The integrated corrugated floor provides stability.
3. **Attach Side Panels:** Securely fasten the front, back, and side panels to the assembled base. Ensure the panels are correctly oriented and aligned. Use the provided screws and fasteners, tightening them firmly but

not excessively.

4. **Install the Lid and Hinges:** Attach the lid assembly to the top edge of the back panel using the provided hinges. Ensure the lid opens and closes smoothly before proceeding.



Figure 3: Detail of the lid hinge mechanism.

5. **Install Hydraulic Gas Struts:** Attach the hydraulic gas struts to the designated mounting points on the lid and the side panels. These struts are designed to assist in opening and holding the lid open. Test the lid operation after installation.



Figure 4: Hydraulic gas strut for assisted lid opening.

- 6. Attach Handles and Locking Mechanism:** Secure the handles to the front or sides of the box as indicated in your specific instructions. Install the locking eyelet, ensuring it aligns with the lid for future padlock use.



Figure 5: Ergonomic handle for easy movement.

7. **Final Inspection:** Double-check all fasteners to ensure they are tight. Verify that the lid opens and closes smoothly and that the box is stable.



Figure 6: The storage box with its lid open, revealing the spacious interior.

5. OPERATING INSTRUCTIONS

Your Duramax DH 1.7 storage box is designed for straightforward operation.

- **Opening the Lid:** Gently lift the lid. The hydraulic gas struts will engage to assist in opening and holding the lid in the open position, preventing it from slamming shut.
- **Closing the Lid:** Apply gentle downward pressure on the lid. The gas struts will smoothly guide the lid back to the closed position. Ensure no objects or body parts are in the path of the closing lid.
- **Locking the Box:** For added security, align the locking eyelet on the lid with the corresponding point on the box and insert a padlock (not included).
- **Storage Capacity:** The box has a capacity of 770 liters. When storing items, distribute weight evenly to maintain stability. Avoid placing sharp objects directly against the interior walls to prevent damage.



Figure 7: Interior view showing ample storage space and lid mechanism.

6. MAINTENANCE

Regular maintenance will ensure your Duramax storage box remains in optimal condition for years.

- **Cleaning:** Clean the exterior and interior surfaces periodically with a soft cloth, mild soap, and water. Rinse thoroughly and dry to prevent water spots. Avoid abrasive cleaners or harsh chemicals, which can damage the finish.
- **Inspection:** Annually inspect all fasteners, hinges, and hydraulic gas struts for tightness and signs of wear or corrosion. Tighten any loose screws and replace worn parts as necessary.
- **Lubrication:** Apply a silicone-based lubricant to the hinges and gas strut pivot points once a year to ensure smooth operation.
- **Drainage:** Ensure the area around the base of the box is clear of debris to allow for proper drainage and prevent water accumulation.
- **Winter Care:** While weather-resistant, consider removing cushions and other sensitive items during harsh winter conditions to prolong their lifespan.

7. TROUBLESHOOTING

Refer to the table below for common issues and their solutions.

Issue	Possible Cause	Solution
Lid does not open/close smoothly.	Worn or damaged hydraulic gas struts; misaligned hinges; obstruction.	Check gas struts for damage and replace if necessary. Inspect hinges for alignment and tighten fasteners. Remove any obstructions.
Water inside the box.	Improper assembly; damaged seals; extreme weather conditions.	Verify all panels are correctly assembled and fasteners are tight. Inspect seals around the lid and replace if damaged. Ensure the box is on a level surface.
Box feels unstable or wobbly.	Uneven ground; loose fasteners; incorrect assembly.	Relocate the box to a flat, level surface. Tighten all assembly fasteners. Review assembly instructions to ensure all steps were followed correctly.
Difficulty aligning panels during assembly.	Panels not oriented correctly; fasteners not fully loosened.	Ensure panels are in the correct position as per the manual diagrams. Loosen fasteners slightly to allow for adjustment, then retighten.

8. SPECIFICATIONS

Feature	Detail
Model Number	0638801711452
Brand	Duramax
Capacity	770 Liters
Product Dimensions (L x W x H)	173.8 cm x 73 cm x 72.7 cm (68.4 in x 28.7 in x 28.6 in)
Weight	28 Kilograms (61.7 lbs)
Material	Hot-dip galvanized steel, Wood Grain finish
Special Features	Hydraulic gas struts, Integrated corrugated floor, Weather-resistant, Lockable (padlock not included)
Water Resistance Level	Waterproof

9. WARRANTY AND SUPPORT

Duramax products are manufactured to high-quality standards. For information regarding warranty coverage, terms, and conditions, please refer to the warranty card included with your product or visit the official Duramax website. In case of missing parts, damage, or technical assistance, please contact Duramax customer support directly. Have

your model number and purchase date ready when contacting support.



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