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Garvee HXxTVFulwBOUcSS7clFb7w3JBcJ

Garvee 7000 LBS Portable Car Lift Instruction Manual

Model: HXxTVFulwBOUcSS7clFb7w3JBcJ

1. Introduction

Thank you for choosing the Garvee 7000 LBS Portable Car Lift. This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your new car lift. Designed for versatility, this heavy-duty carbon steel scissor lift is suitable for lifting cars, SUVs, and light trucks, offering a maximum lift height of 26.8 inches. Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. Safety Information

WARNING: Failure to follow these safety instructions may result in serious injury or property damage.

- **Load Capacity:** Do not exceed the maximum load capacity of 7000 LBS (3200 kg). Overloading can cause structural failure and severe accidents.
- **Stable Surface:** Always operate the lift on a level, solid, and stable surface capable of supporting the combined weight of the lift and the vehicle.
- **Vehicle Placement:** Ensure the vehicle is centered and properly balanced on the lift's lifting points. Use the provided rubber pads and extension plates as needed to secure the vehicle.
- **Safety Locks:** Always engage the mechanical safety locks once the desired lifting height is reached. Never work under a vehicle supported only by hydraulic pressure.
- **Lowering Requirement:** The lift requires a minimum load of approximately 220 LBS (100 kg) to descend. Ensure sufficient weight is on the lift for smooth lowering.
- **Clearance:** Maintain a safe distance from moving parts during operation. Keep hands, feet, and clothing clear.
- **Authorized Personnel:** Only trained and authorized personnel should operate this equipment.
- **Inspection:** Before each use, inspect the lift for any signs of damage, wear, or leaks. Do not use if any components are compromised.
- **Personal Protective Equipment (PPE):** Wear appropriate PPE, including safety glasses and gloves, when operating the lift.

3. Product Specifications



Image: Detailed product specifications including load capacity, voltage, power, weight, and dimensions.

Specification	Value
Model Number	HXxTVFulwBOUcSS7clFb7w3JBcJ
Load Capacity	7000 LBS (3200 kg)
Max Lift Height	26.8 inches (680 mm)

Specification	Value
Min Height (Compressed)	6.3 inches (160 mm)
Voltage	AC110V/60Hz
Rated Power	1.1 KW
Net Weight	416.67 LBS (189 kg)
Material	Q235B High-Strength Carbon Steel
Product Dimensions (L x W x H)	77.17 x 13 x 6.3 inches (1960 x 330 x 160 mm) (low)
Extension Plate Dimensions	13 x 11.8 x 2 inches (330 x 300 x 50 mm)
Compatible Vehicle Types	Cars, SUVs, Light Trucks

4. Setup and Assembly

The Garvee Portable Car Lift comes with all necessary components for assembly. Ensure all packages are intact and all parts are present before beginning assembly.

4.1 Package Contents



Image: Visual representation of all included accessories for the car lift.

- Extension Plate x 2
- Lifting Column x 4
- Rubber Pad x 4
- Hose x 3 (1 long, 2 short)
- Balancing Valve x 1
- Shim x 4
- Handle x 2
- Wheel x 4
- M8*20mm Hex Socket Screws x 12

- User Manual x 1
- Electrical Machinery (Power Unit) x 1

4.2 Assembly Steps (General Guidelines)

1. **Unpack Components:** Carefully remove all parts from the packaging. Verify that all items listed in Section 4.1 are present and undamaged.
2. **Attach Wheels:** Secure the four wheels to the designated points on the lift frames using the provided M8*20mm hex socket screws. These wheels facilitate easy movement and storage.
3. **Connect Hydraulic Hoses:** Connect the hydraulic hoses to the power unit and the lift cylinders. Ensure all connections are tight and free from leaks. Refer to the detailed diagrams in the included user manual for specific connection points.
4. **Install Lifting Columns and Rubber Pads:** Place the lifting columns onto the lift platforms. The rubber pads are placed on top of the lifting columns to protect the vehicle's undercarriage. Adjust their positions to align with the vehicle's lifting points.
5. **Install Extension Plates (Optional):** If required for wider vehicles, attach the extension plates to the lift platforms.
6. **Power Unit Connection:** Connect the electrical machinery (power unit) to a suitable AC110V/60Hz power source.
7. **Initial Test:** Before lifting a vehicle, perform a test run of the lift's up and down functions without a load to ensure smooth operation and proper hydraulic function.

5. Operation Instructions

5.1 Preparing for Lift

- Ensure the lift is on a firm, level surface.
- Position the vehicle over the lift, ensuring it is centered and aligned with the lift platforms.
- Adjust the lifting columns and rubber pads to align with the vehicle's designated lifting points. Use extension plates if necessary for wider vehicles.
- Confirm there are no obstructions around or under the lift and vehicle.

5.2 Lifting the Vehicle



Image: The Garvee car lift raising a truck, demonstrating its 26.8-inch maximum lifting height and adjustable components.

1. Activate the power unit to begin raising the lift.
2. Monitor the vehicle as it rises, ensuring it remains stable and balanced.
3. Once the desired height is reached, engage the mechanical safety locks. The lift features multiple locking positions for secure operation.
4. Before working under the vehicle, gently lower the lift until it rests securely on the safety locks. This transfers the load from the hydraulics to the mechanical locks.

5.3 Lowering the Vehicle

1. Ensure all tools and personnel are clear from under and around the vehicle.
2. Slightly raise the lift to disengage the mechanical safety locks.
3. Activate the lowering mechanism. Note that a minimum load of approximately 220 LBS is required for the lift to descend smoothly.
4. Allow the lift to fully descend to its lowest position before driving the vehicle off.

5.4 Mobility and Storage

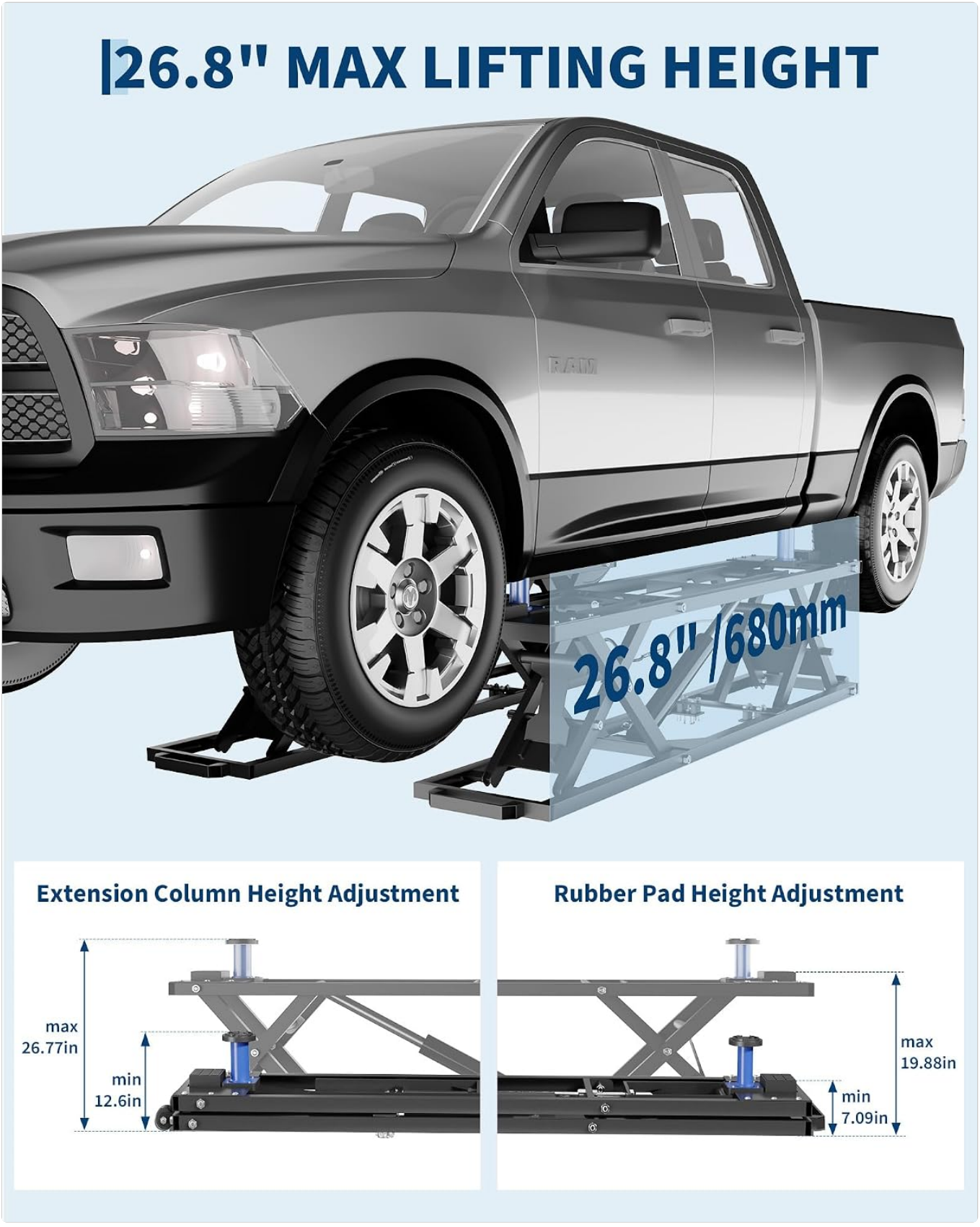

Image: A person easily moving the folded Garvee car lift using its bottom-mounted wheels and handles, highlighting its portability.

The Garvee Portable Car Lift is designed for easy mobility and compact storage.

- **Movement:** Utilize the four sturdy wheels located at the base of the lift to effortlessly move it around your garage or workshop.
- **Folding:** The lift features a foldable design. Once fully lowered, it can be folded to a compact size for storage.
- **Storage:** Use the integrated handles to assist in positioning the folded lift for storage, potentially hanging it with hooks to save floor space.

6. Maintenance

Regular maintenance ensures the longevity and safe operation of your Garvee Portable Car Lift.

- **Daily Inspection:** Before each use, visually inspect the lift for any signs of damage, loose bolts, hydraulic fluid leaks, or excessive wear on moving parts.
- **Cleanliness:** Keep the lift clean and free from dirt, debris, and corrosive substances. Wipe down hydraulic components regularly.
- **Hydraulic Fluid:** Check the hydraulic fluid level periodically. Refer to the power unit's manual for specific fluid type and refill instructions. Ensure the fluid is clean and free of contaminants.
- **Lubrication:** Lubricate all pivot points and moving parts with appropriate grease or oil as recommended in the detailed user manual.
- **Cable and Hose Inspection:** Regularly inspect hydraulic hoses and electrical cables for cuts, abrasions, or kinks. Replace any damaged components immediately.
- **Structural Integrity:** Periodically check the carbon steel structure for any signs of bending, cracking, or corrosion. Address any issues promptly.

7. Troubleshooting

This section addresses common issues you might encounter with your Garvee Portable Car Lift.

Problem	Possible Cause	Solution
Lift does not raise or raises slowly.	Low hydraulic fluid level, air in hydraulic system, power unit issue, clogged filter.	Check hydraulic fluid level and refill if necessary. Bleed air from the system (refer to detailed manual). Verify power connection to the power unit. Inspect for clogged filters.
Lift does not lower or lowers unevenly.	Insufficient load on the lift (below 220 LBS), safety locks engaged, balancing valve issue, hydraulic pressure problem.	Ensure vehicle weight meets the minimum requirement for descent. Disengage safety locks completely. Check balancing valve for proper function. Consult detailed manual for hydraulic system checks.
Lift makes unusual noises during operation.	Lack of lubrication, loose components, hydraulic pump issue.	Lubricate all pivot points. Check and tighten any loose bolts or connections. If noise persists, consult a qualified technician.

Problem	Possible Cause	Solution
Hydraulic fluid leaks.	Loose fittings, damaged hoses, worn seals.	Tighten all hydraulic fittings. Inspect hoses for damage and replace if necessary. If seals are suspected, professional service may be required.



Image: A comparison highlighting the Garvee lift's stable and level lifting mechanism against other lifts that may exhibit uneven height or instability.

8. Warranty and Support

8.1 Manufacturer's Warranty

The Garvee Portable Car Lift is covered by a **30-day manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, neglect, accidents, unauthorized modifications, or improper installation/operation. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, warranty claims, or inquiries regarding replacement parts, please contact Garvee customer support. Refer to the contact information provided with your purchase documentation or visit the official Garvee website for support options.

Important: When contacting support, please have your model number (HXxTVFulwBOUcSS7clFb7w3JBcJ) and purchase date available.

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