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Garvee ee8oaCg3JlNYPhMcUYAixAG5b

Garvee 5 Ton Hydraulic Car Ramps Instruction Manual

Model: ee8oaCg3JlNYPhMcUYAixAG5b

1. Introduction

Thank you for choosing Garvee 5 Ton Hydraulic Car Ramps. These heavy-duty steel ramps are designed to provide a safe and stable elevated platform for various vehicle maintenance tasks, including oil changes, tire rotations, and undercarriage inspections. This manual contains important information regarding the safe operation, setup, maintenance, and troubleshooting of your hydraulic car ramps. Please read it thoroughly before use and retain it for future reference.

2. Safety Information

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

- Always operate the ramps on a hard, level, non-skid surface.
- Ensure the vehicle's parking brake is engaged and the transmission is in 'Park' (automatic) or the lowest gear (manual).
- Place wheel chocks behind the wheels that are not being lifted.
- Do not exceed the maximum load capacity of 5 tons (11,050 lbs) per pair of ramps.
- Ensure the vehicle's tires are centered on the ramp platforms before and during lifting.
- Never work under a vehicle supported only by the hydraulic system. Always engage the safety pins after lifting to secure the ramp at the desired height.
- Keep hands and feet clear of moving parts during operation.
- Inspect ramps for damage or wear before each use. Do not use if damaged.
- Wear appropriate personal protective equipment (PPE), such as safety glasses and gloves.
- Keep children and bystanders away from the work area.

3. Package Contents

Verify that all components are present and undamaged upon unpacking:

- 2 x Garvee Hydraulic Car Ramps
- 2 x Hydraulic Pump Handles

- 4 x Safety Pins



Figure 3.1: Package Contents. Includes two hydraulic car ramps, two pump handles, and four safety pins.

4. Specifications

Feature	Specification
Brand	Garvee
Model Number	ee8oaCg3JlNYPhMcUYAixAG5b
Material	Alloy Steel (Q235)
Color	Red
Load Capacity (per pair)	5 Tons (11,050 LBS)
Adjustable Lift Height	9.4 inches - 13.34 inches
Product Dimensions (L x W x H)	47.24"L x 16.69"W x 12.99"H
Net Weight (per ramp)	Approximately 86.9 lbs
Foldable	No

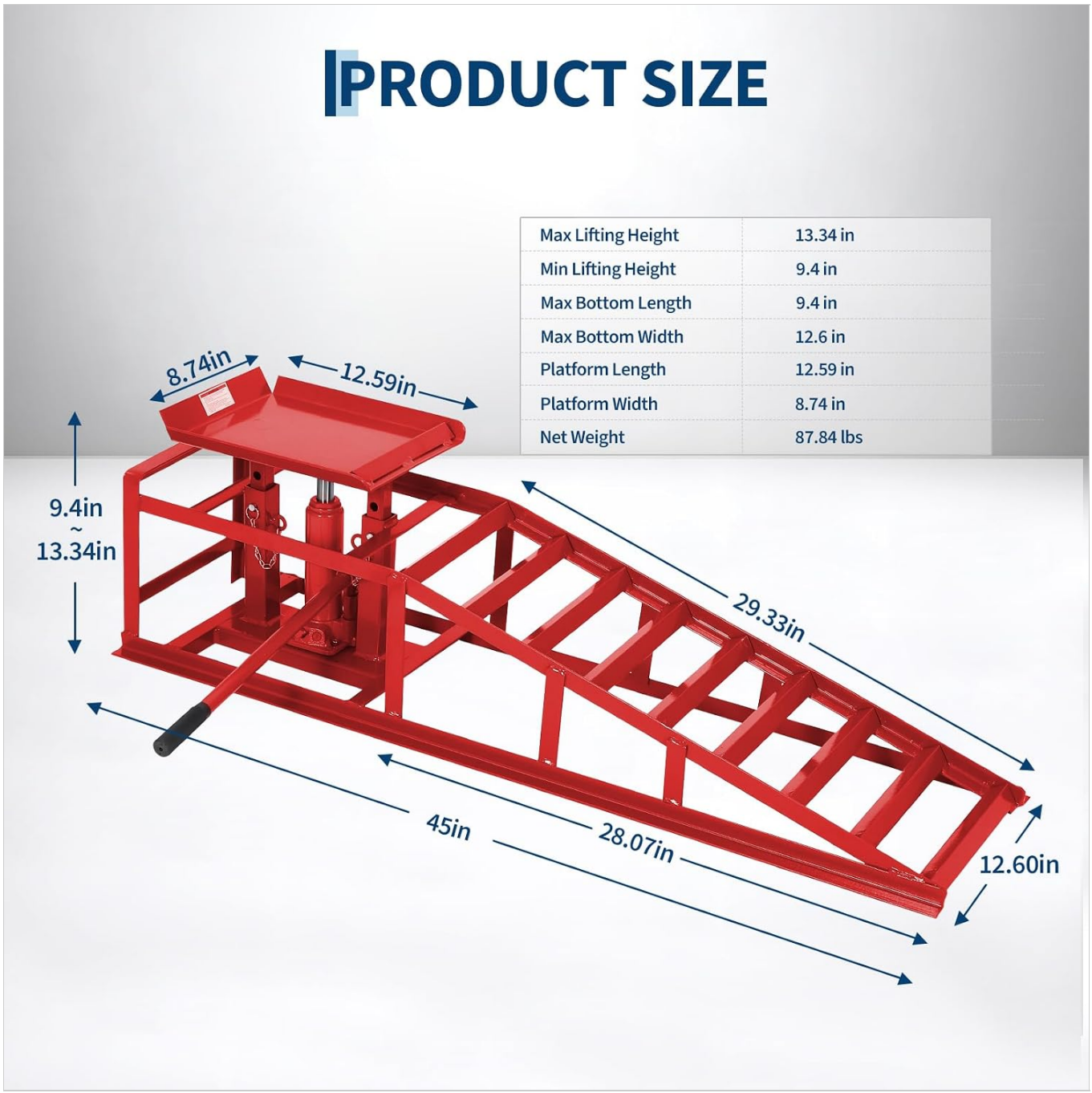

Figure 4.1: Product Dimensions. Detailed measurements of the ramp and its adjustable lifting height.

5. Setup

1. **Unpack and Inspect:** Carefully remove the ramps from their packaging. Inspect each ramp for any signs of shipping damage or manufacturing defects. Ensure all components listed in Section 3 are present.
2. **Choose a Suitable Location:** Select a firm, level, non-skid surface for operation. Avoid soft ground, gravel, or uneven surfaces.
3. **Position the Ramps:** Place the ramps directly in front of the wheels you intend to lift. Ensure they are aligned straight with the vehicle's tires. For front-wheel lifting, place them under the front wheels. For rear-wheel lifting, place them under the rear wheels.
4. **Prepare the Vehicle:** Engage the vehicle's parking brake. Place the transmission in 'Park' (automatic) or the lowest gear (manual). Place wheel chocks behind the wheels that will remain on the ground to prevent accidental movement.



Figure 5.1: Proper Ramp Placement. Illustrates a vehicle correctly positioned on the ramps for lifting.

6. Operating Instructions

1. **Driving onto the Ramps:** Slowly and carefully drive the vehicle forward until the tires are fully seated on the flat top platform of the ramps. Have a spotter assist if necessary to ensure proper alignment and prevent overshooting.
2. **Lifting the Vehicle:** Insert the hydraulic pump handle into the pump mechanism on each ramp. Pump the handle to raise the vehicle to the desired working height. Ensure both ramps are lifted evenly.
3. **Engaging Safety Pins:** Once the desired height is reached, insert the safety pins into the corresponding holes on the ramp's support structure. This locks the ramp at the elevated position and prevents accidental lowering. **Never work under the vehicle without the safety pins engaged.**
4. **Lowering the Vehicle:** Before lowering, ensure the work area is clear and no tools or personnel are under the vehicle. Remove the safety pins. Insert the handle into the release valve (typically a small screw or knob) and turn it counter-clockwise slowly to gradually lower the vehicle.
5. **Driving off the Ramps:** Once the vehicle is fully lowered and the ramps are flat, slowly and carefully back the vehicle off the ramps.

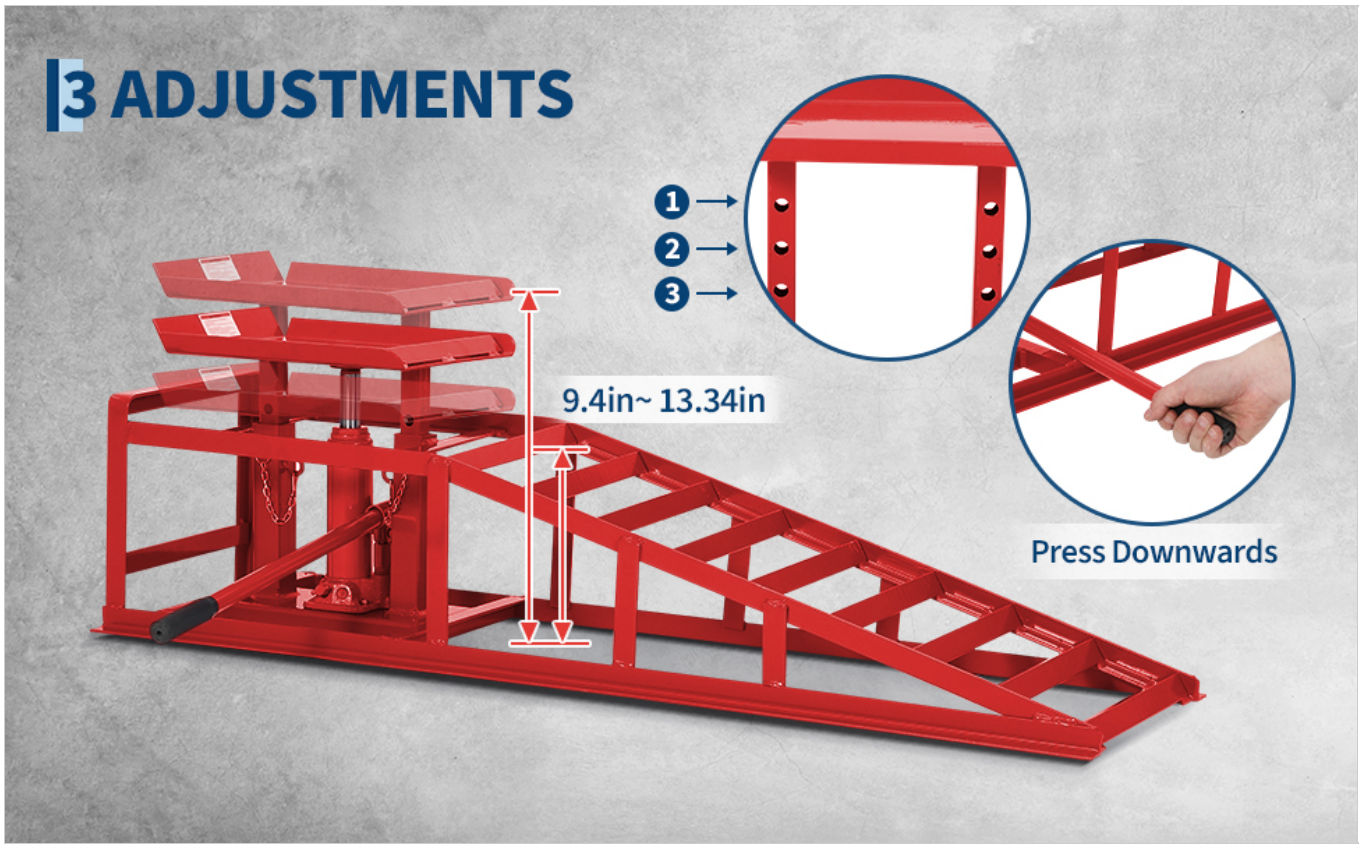

Figure 6.1: Adjustable Hydraulic Height. Demonstrates the hydraulic mechanism for raising the vehicle.

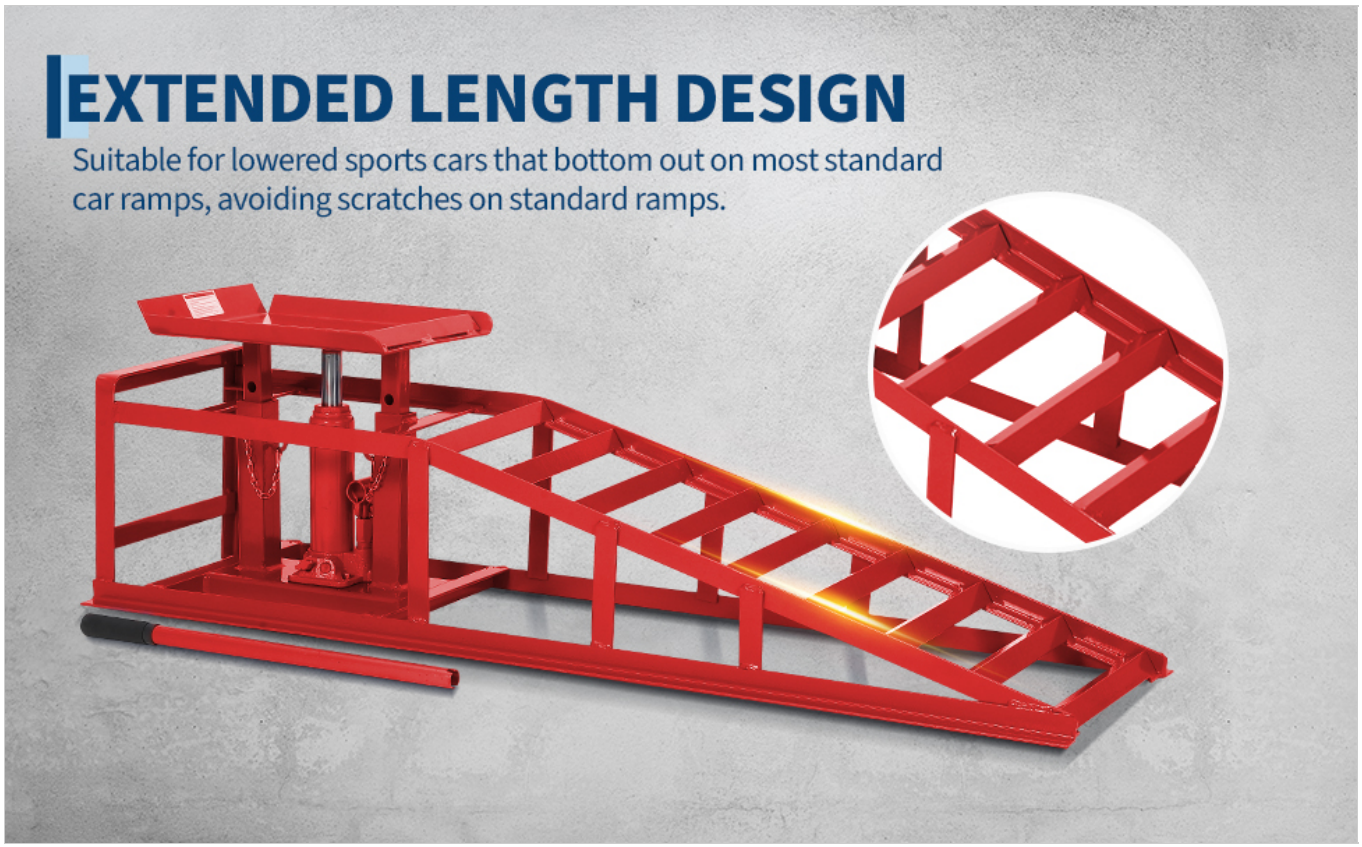

Figure 6.2: Product Details. Highlights the hydraulic jack and safety lock pins.

7. Maintenance

- **Cleaning:** Clean the ramps regularly with a damp cloth to remove dirt, grease, and debris.
- **Lubrication:** Periodically lubricate the moving parts of the hydraulic jack with a light machine oil to ensure smooth operation.

- **Inspection:** Before each use, inspect the ramps for any signs of rust, cracks, bends, or other damage. Pay close attention to welds and structural integrity.
- **Storage:** Store the ramps in a dry, clean area when not in use to prevent rust and corrosion.
- **Hydraulic Fluid:** Check the hydraulic fluid level periodically. If low, refill with appropriate hydraulic jack oil according to the jack manufacturer's recommendations (refer to the hydraulic jack's specific instructions if available).

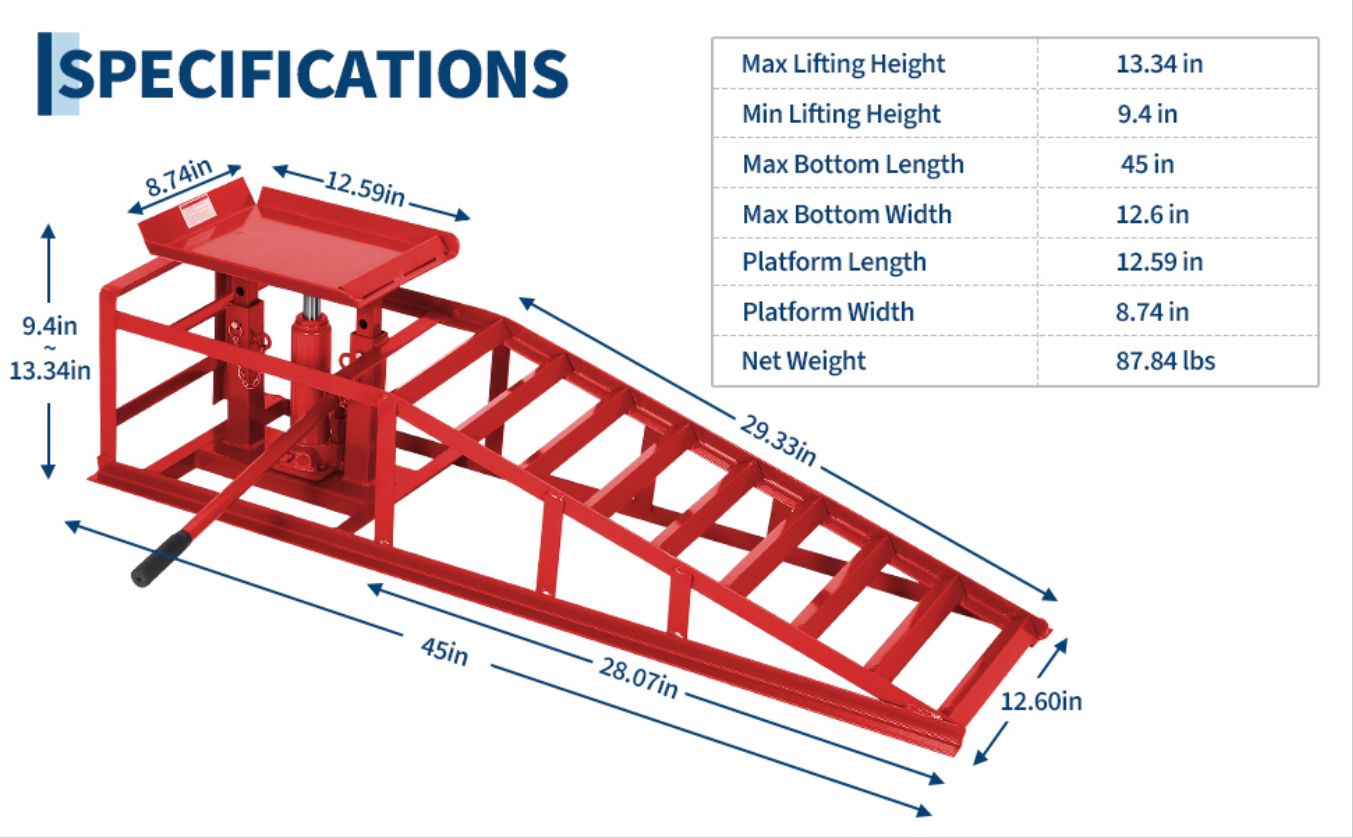

Figure 7.1: Heavy Duty Construction. Illustrates the robust build quality designed for durability.

8. Troubleshooting

- **Ramp not lifting:**
  - Check if the release valve is fully closed (turned clockwise).
  - Verify hydraulic fluid level. Refill if necessary.
  - Ensure the pump handle is correctly inserted and operating.
- **Ramp lowers slowly or uncontrollably:**
  - Ensure the release valve is not overtightened or damaged.
  - Check for hydraulic fluid leaks. If a leak is found, discontinue use and seek professional repair.
  - Verify that the safety pins are removed before attempting to lower.
- **Unstable vehicle on ramps:**
  - Ensure the ramps are on a perfectly level and firm surface.
  - Confirm the vehicle's tires are centered and fully seated on the ramp platforms.
  - Always use wheel chocks on the unlifted wheels.
  - Verify safety pins are correctly engaged.

9. Warranty and Support

For warranty information, technical support, or to inquire about replacement parts, please contact Garvee customer service directly. Refer to the product packaging or the official Garvee website for current contact details.
Please have your product model number (ee8oaCg3JlNYPhMcUYAixAG5b) and purchase date available when contacting support.

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