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› Pittsburgh Automotive 3 Ton Floor Jack Instruction Manual

Pittsburgh Automotive ha68048

Pittsburgh Automotive 3 Ton Heavy Duty Ultra Low Profile Steel Floor Jack

Model: ha68048

INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Pittsburgh Automotive 3 Ton Heavy Duty Ultra Low Profile Steel Floor Jack. Please read this manual thoroughly before initial use and retain it for future reference. Adherence to these instructions will ensure optimal performance and longevity of the product.



Image: Pittsburgh Automotive 3 Ton Heavy Duty Ultra Low Profile Steel Floor Jack. The jack is shown in its low profile position, featuring its grey steel construction, wheels, and the long handle extending upwards.

SAFETY INFORMATION

Always prioritize safety when operating lifting equipment. Failure to follow these safety guidelines may result in serious injury or property damage.

- **Read the Manual:** Understand all instructions and warnings before operating the jack.
- **Use Jack Stands:** *Never* work under a vehicle supported only by a floor jack. Always use appropriately rated jack stands to support the vehicle once it is lifted.
- **Rated Capacity:** Do not exceed the 3-ton (6000 lbs) rated capacity of this jack.
- **Stable Surface:** Operate the jack on a hard, level surface capable of supporting the load.
- **Vehicle Stability:** Ensure the vehicle is in park, the parking brake is engaged, and the wheels are chocked before lifting.

- **Proper Lifting Points:** Lift only on vehicle manufacturer's recommended lifting points.
- **Clear Area:** Keep hands, feet, and other body parts clear of moving parts and the vehicle during lifting and lowering.
- **Inspect Before Use:** Before each use, inspect the jack for any signs of damage, leaks, or wear. Do not use if damaged.

SETUP AND INITIAL PREPARATION

Before using your new floor jack, perform the following steps:

1. **Unpacking:** Carefully remove the jack from its packaging. Inspect for any shipping damage.
2. **Handle Assembly:** Insert the handle into the handle socket and secure it according to the instructions provided with the jack. Ensure it is firmly seated.
3. **Check Fluid Level and Bleed System:** It is critical to check the hydraulic fluid level and bleed any air from the system before first use.
 - Locate the hydraulic fluid reservoir cap, typically under a protective plate secured by screws (a Phillips screwdriver may be needed).
 - Remove the cap and check the fluid level. If low, add high-quality hydraulic jack oil until the level is correct. The jack may require approximately 0.5 quarts of fluid initially.
 - To bleed the system, open the release valve by turning the handle counter-clockwise. Pump the handle several times to expel any trapped air. Close the release valve by turning the handle clockwise.
4. **Test Operation:** With no load, pump the jack to its maximum height and then slowly lower it. Repeat this a few times to ensure smooth operation.

OPERATING INSTRUCTIONS

Follow these steps for safe and effective lifting:

1. **Prepare Vehicle:** Park the vehicle on a hard, level surface. Engage the parking brake and place wheel chocks on the wheels that will remain on the ground.
2. **Position Jack:** Locate the vehicle manufacturer's recommended lifting point. Position the jack saddle directly under this point. Ensure the jack is stable and not on an incline.
3. **Lift Vehicle:** Close the release valve by turning the handle clockwise until it is firm. Pump the handle steadily to raise the vehicle to the desired height. The rapid pump feature allows for quick lifting.
4. **Insert Jack Stands:** Once the vehicle is at the desired height, immediately place appropriately rated jack stands under the vehicle's frame or designated support points. Lower the vehicle slowly onto the jack stands by gently turning the handle counter-clockwise to open the release valve.
5. **Remove Jack:** Once the vehicle is securely resting on the jack stands, fully lower the floor jack and remove it from under the vehicle.
6. **Lower Vehicle (After Work):** To lower the vehicle, carefully raise it slightly with the floor jack to remove the jack stands. Once jack stands are removed, slowly open the release valve by turning the handle counter-clockwise to lower the vehicle to the ground.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your floor jack.

- **Lubrication:** Periodically lubricate all moving parts, pivot points, and wheels with light machine oil.

- **Hydraulic Fluid:** Check the hydraulic fluid level every six months or after extensive use. Replenish with high-quality hydraulic jack oil if necessary. To access the reservoir, you may need to remove a protective plate with a Phillips screwdriver.
- **Cleaning:** Keep the jack clean and free of dirt, grease, and corrosive materials.
- **Storage:** Store the jack in a clean, dry place with the ram fully retracted to prevent corrosion and extend seal life.
- **Inspection:** Regularly inspect for bent, cracked, or otherwise damaged components. Do not use a damaged jack.

TROUBLESHOOTING

If you encounter issues with your floor jack, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Jack will not lift or lifts slowly.	Low hydraulic fluid level; Air in hydraulic system; Release valve not fully closed.	Check and add hydraulic fluid; Bleed the system (refer to Setup section); Ensure release valve is fully closed.
Jack lowers under load.	Release valve not fully closed; Internal seal leakage; Overload.	Ensure release valve is fully closed; Do not exceed rated capacity; If problem persists, seek professional repair.
Jack makes noise during operation.	Air in hydraulic system; Lack of lubrication on moving parts.	Bleed the system; Lubricate pivot points and wheels.

For issues not listed or if solutions do not resolve the problem, contact customer support.

SPECIFICATIONS

Feature	Detail
Model Number	ha68048
Capacity	3 Tons (6000 lbs)
Minimum Height	5 inches
Maximum Lift Height	18-1/4 inches (18.25 inches)
Handle Length	45-1/4 inches
Material	Heavy-duty all-welded steel construction
Color	Dark Gray (also grey, red)
Product Length	27-1/2 inches
Product Width	13-1/2 inches
Product Height	6-1/8 inches
Product Weight	68.9 lbs
Features	Rapid Pump Quick Lift, 1/2 turn release, Protective foam bumper on handle.

WARRANTY AND SUPPORT

Specific warranty details for this product are not provided in the available information. Please refer to the product packaging or the manufacturer's official website for the most current warranty policy.

For technical support, parts, or service inquiries, please contact Pittsburgh Automotive customer service through their official channels. Always provide your product model number (ha68048) when seeking support.