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› Jack Boss 3 Ton Low Profile Aluminum and Steel Racing Floor Jack User Manual

Jack Boss AS830011L

Jack Boss 3 Ton Low Profile Aluminum and Steel Racing Floor Jack User Manual

Model: AS830011L

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Jack Boss 3 Ton Low Profile Aluminum and Steel Racing Floor Jack. Designed for lifting vehicles up to 3 tons (6600 lbs), this jack features dual pistons for quick lifting and a low-profile design suitable for various vehicle types, including sedans, SUVs, MPVs, travel trailers, station wagons, and mini buses. Please read this manual thoroughly before use to ensure proper handling and to prevent injury or damage.



Figure 1: Jack Boss 3 Ton Low Profile Aluminum and Steel Racing Floor Jack.

2. SAFETY INFORMATION

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

- **Read the Manual:** Understand all instructions and warnings before operating the jack.
- **Use on Hard, Level Surface:** Always use the jack on a hard, level surface capable of supporting the load. Avoid soft ground or inclines.
- **Use Jack Stands:** This floor jack is a lifting device only. Immediately after lifting, support the vehicle with appropriate jack stands. Never work under a vehicle supported only by a floor jack.
- **Check Capacity:** Do not exceed the rated capacity of 3 tons (6600 lbs).
- **Center the Load:** Ensure the load is centered on the jack saddle. Off-center loads can cause instability.
- **Vehicle Brakes:** Engage the vehicle's parking brake and block the wheels that are not being lifted.
- **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.
- **Proper Lowering:** Lower the vehicle slowly and in a controlled manner.
- **Meets Standards:** This product meets ANSI/ASME PASE safety standards.

3. SETUP AND ASSEMBLY

The Jack Boss floor jack requires minimal assembly before its first use.

1. **Handle Assembly:** Connect the two pieces of the handle together.
2. **Insert Handle:** Insert the assembled handle into the socket at the rear of the jack.
3. **Secure Handle:** Tighten the nut clockwise to secure the handle firmly in place.



Figure 2: Visual guide for handle assembly and basic operation.

Before initial use, it is recommended to bleed any air from the hydraulic system. To do this, open the release valve by turning the handle counter-clockwise. Pump the handle several times to purge air, then close the valve by turning it

clockwise.

4. OPERATING INSTRUCTIONS

Follow these steps for safe and effective vehicle 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's designated lifting points (refer to your vehicle's owner's manual). Position the jack so the saddle is directly under the lifting point. The low-profile design (3-15/16" min. lifting height) allows access under low-clearance vehicles.
- 3. Close Release Valve:** Turn the jack handle clockwise until it is fully closed and cannot turn further. This prepares the jack for lifting.
- 4. Lift Vehicle:** Pump the handle up and down to raise the vehicle to the desired height. The dual piston quick lift pump allows for efficient lifting.
- 5. Secure with Jack Stands:** Once the vehicle is at the desired height, immediately place appropriately rated jack stands under the vehicle's designated support points. Slowly lower the vehicle onto the jack stands by gently turning the handle counter-clockwise. Ensure the vehicle is stable on the jack stands before performing any work.
- 6. Lower Vehicle:** When ready to lower the vehicle, ensure the area is clear. Slowly turn the handle counter-clockwise. The saddle will drop slowly and automatically. Once fully lowered, remove the jack.

Your browser does not support the video tag.

Video 1: Official demonstration of the Jack Boss 3 Ton Aluminum Floor Jack in operation, showcasing its features like smooth lowering and easy maneuverability.

5. MAINTENANCE

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

- **Cleaning:** Keep the jack clean and free of dirt, grease, and debris. Wipe down the hydraulic ram and other moving parts after each use.
- **Lubrication:** Periodically lubricate all moving parts, including pivot points and wheels, with a light machine oil.
- **Hydraulic Fluid:** Check the hydraulic fluid level periodically. If low, refill with a high-quality hydraulic jack oil. Do not use brake fluid or other non-specified fluids.
- **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 any signs of damage, leaks, or loose fasteners. Address any issues immediately.

6. 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 refill hydraulic fluid; Bleed air from the system (see Setup section); Ensure release valve is fully tightened clockwise.

Problem	Possible Cause	Solution
Jack lowers too quickly or does not hold load.	Release valve not fully closed; Internal seal damage; Overload.	Ensure release valve is fully tightened clockwise; Do not exceed rated capacity; If problem persists, contact customer support for service.
Oil leakage.	Damaged seals; Loose fittings.	Inspect for visible leaks and tighten fittings; If seals are damaged, contact customer support for repair or replacement.

7. SPECIFICATIONS

Key technical specifications for your Jack Boss Floor Jack:

- **Model:** AS830011L
- **Load Capacity:** 3 tons (6600 lbs)
- **Minimum Lifting Height:** 3-15/16 inches (approx. 100mm)
- **Maximum Lifting Height:** 18-5/16 inches (approx. 465mm)
- **Product Dimensions (L x W x H):** 23.6 x 11.8 x 6.3 inches (approx. 60 x 30 x 15 cm)
- **Net Weight:** 58.5 lbs
- **Material:** Aluminum billet and welded steel frame
- **Color:** Red
- **Pump Type:** Dual Piston Quick Lift
- **Casters:** Steel casters and swivel front casters for maneuverability
- **Safety Standards:** Meets ANSI/ASME PASE safety standards

PRODUCTION SPECIFICATION

Production Size: 23.6x11.8x6.3in/60x30x15cm

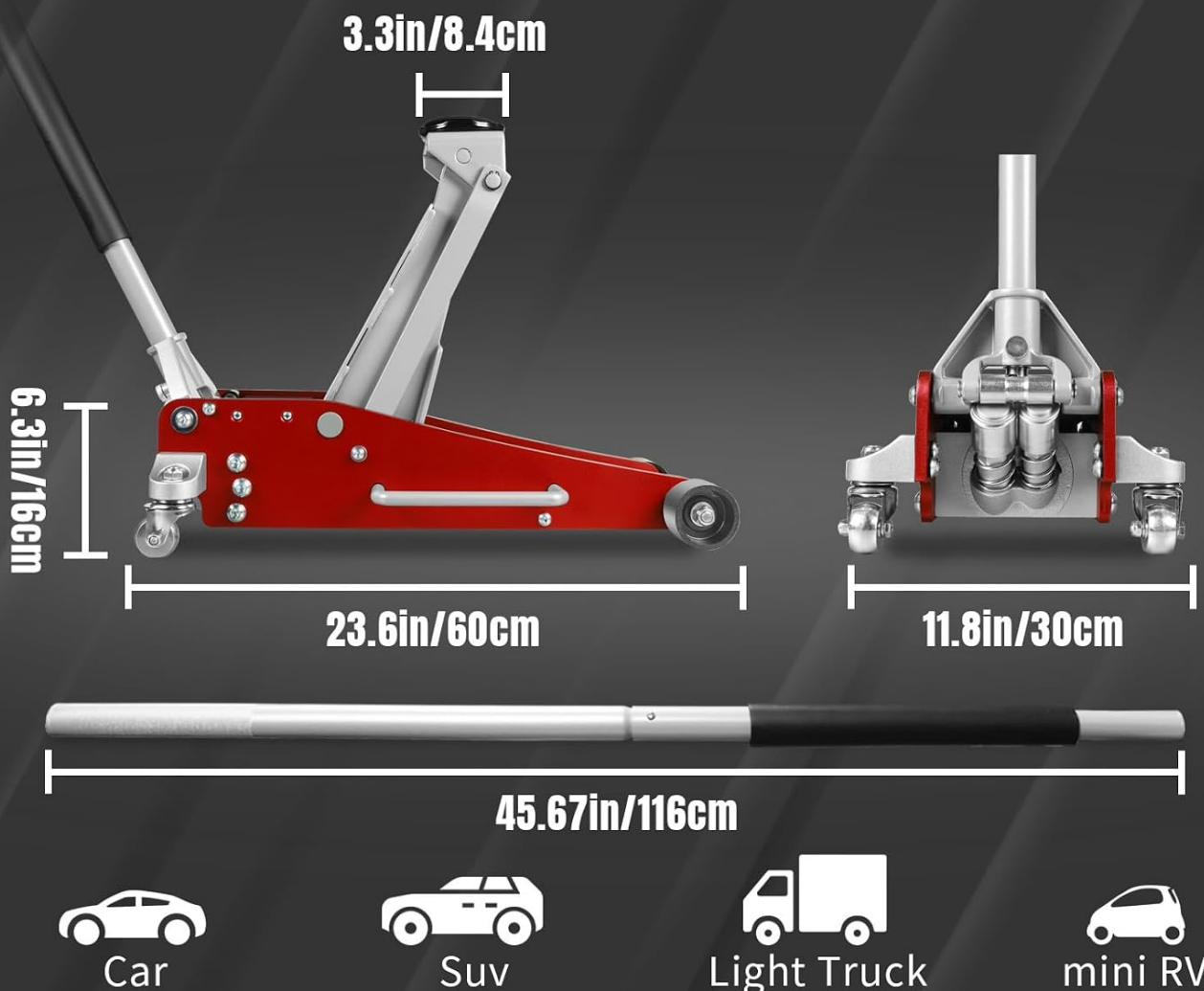


Figure 3: Detailed production specifications including dimensions.

LIFTING RANGE

Suitable for most vehicles

MAX. HEIGHT

18.3"/465MM

MIN. HEIGHT

3.94"/100MM



Figure 4: Illustration of the jack's minimum and maximum lifting range.

8. WARRANTY AND SUPPORT

Your Jack Boss 3 Ton Low Profile Aluminum and Steel Racing Floor Jack comes with a limited 1-year manufacturer warranty.

For any questions, concerns, or warranty claims, please contact Jack Boss customer support. We are committed to providing timely assistance to ensure your satisfaction.

Customer Support: Refer to your purchase documentation or the seller's contact information on the platform where the product was purchased.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question