

## Jack Boss AS825010CS

# Jack Boss 2.5 Ton Hydraulic Low Profile Floor Jack

Model: AS825010CS

## 1. SAFETY INFORMATION

**WARNING: Read, understand, and follow all instructions before operating this device. Failure to do so may result in serious injury or property damage.**

- Always use jack stands to support the vehicle after lifting. The floor jack is a lifting device only and is not designed to sustain a load.
- Ensure the jack is placed on a hard, level surface capable of supporting the load. Avoid soft or uneven ground.
- Locate the vehicle's recommended lifting points as specified in the vehicle owner's manual.
- Do not exceed the rated capacity of 2.5 tons (5500 LBs).
- Keep hands and feet clear of the moving parts of the jack and the vehicle during lifting and lowering.
- Ensure the vehicle is stable and cannot roll before lifting. Engage the parking brake and block wheels.
- The built-in safety valve automatically activates if the pressure is overloaded, preventing damage to the jack.

## 2. PRODUCT OVERVIEW

The Jack Boss 2.5 Ton Hydraulic Low Profile Floor Jack is designed for lifting various automotive vehicles, including sedans, SUVs, and light trucks. Its robust construction and user-friendly features ensure reliable performance.

### Key Features:

- **Superior Capacity:** 2.5 Ton (5500 LBs) lifting capacity.
- **Wide Lifting Range:** Minimum height of 3.5 inches to a maximum height of 14 inches.
- **Low Profile Design:** Allows easy access under low-clearance vehicles.
- **Enhanced Mobility:** Equipped with four 360-degree swivel casters for smooth positioning.

- **Durable Construction:** Made from thick drop-forged alloyed welded steel for long-term stability and resistance to deformation and corrosion.
- **Portable Storage:** Includes a convenient portable case for safe storage and easy transportation.
- **Vehicle Protection:** Features a padded handle to prevent damage to the vehicle during lifting.

## Components:

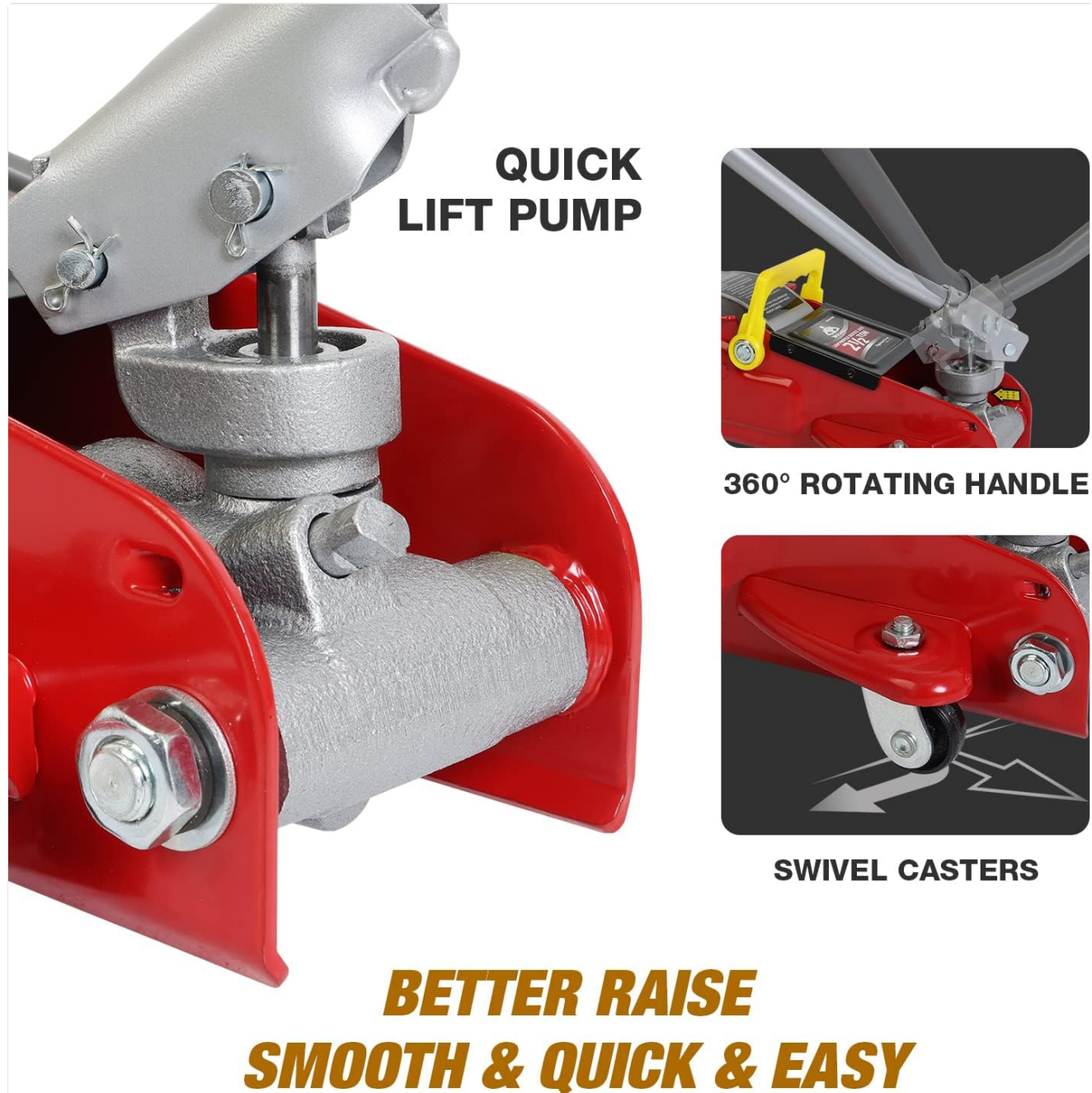


Figure 2.1: Detailed view of the jack's quick lift pump, rotating handle, and swivel casters.

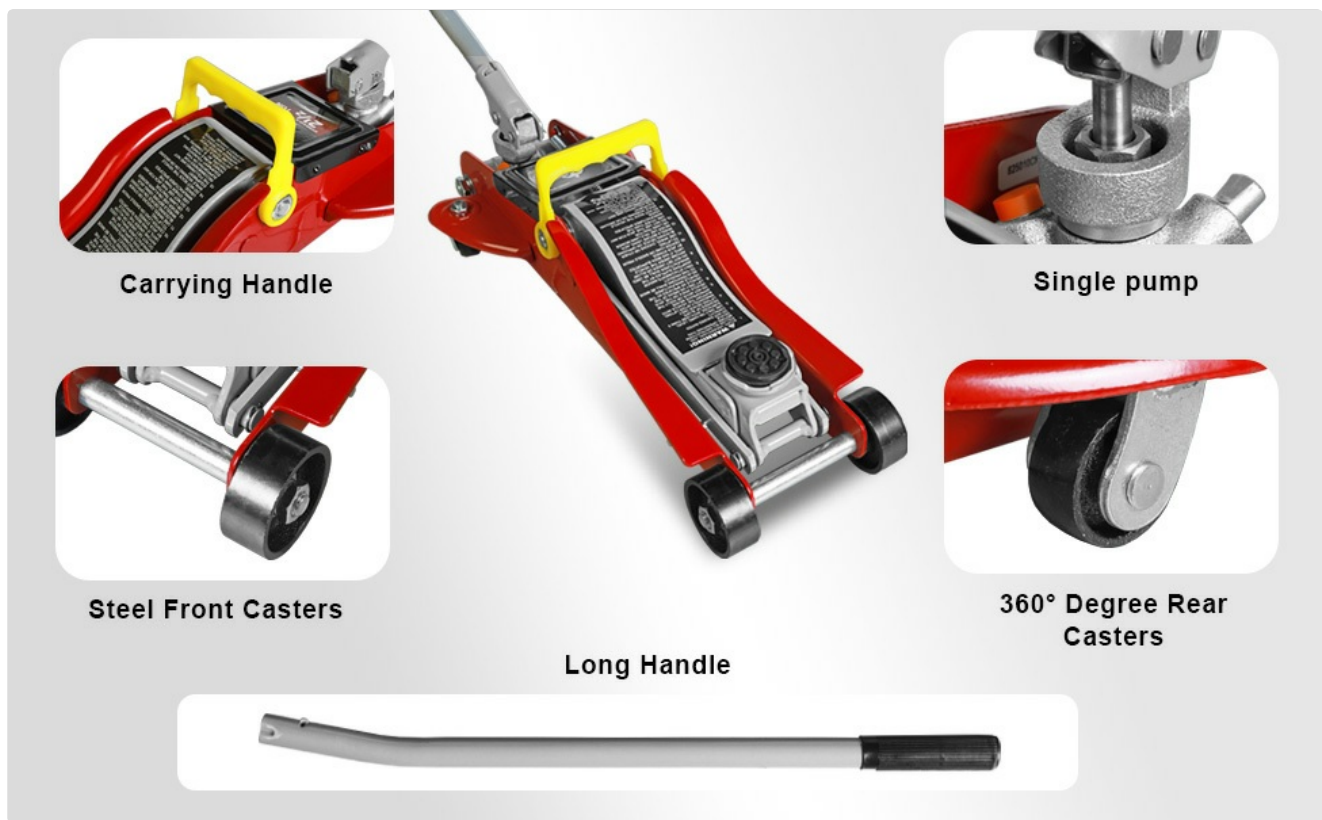


Figure 2.2: Illustration of the jack's key components including the carrying handle, pump, casters, and long handle.

### 3. SPECIFICATIONS

| Specification          | Value                       |
|------------------------|-----------------------------|
| Load Capacity          | 2.5 ton (5500 LBs)          |
| Minimum Lifting Height | 3.5 inches                  |
| Maximum Lifting Height | 14 inches                   |
| Material               | Alloy Steel                 |
| Item Weight            | 35.4 pounds                 |
| Package Dimensions     | 24.06 x 11.35 x 7.01 inches |
| Model Number           | AS825010CS                  |
| UPC                    | 615268750101                |
| Color                  | Red                         |

# ***JACK BOSS-RIGHT CHOICE***

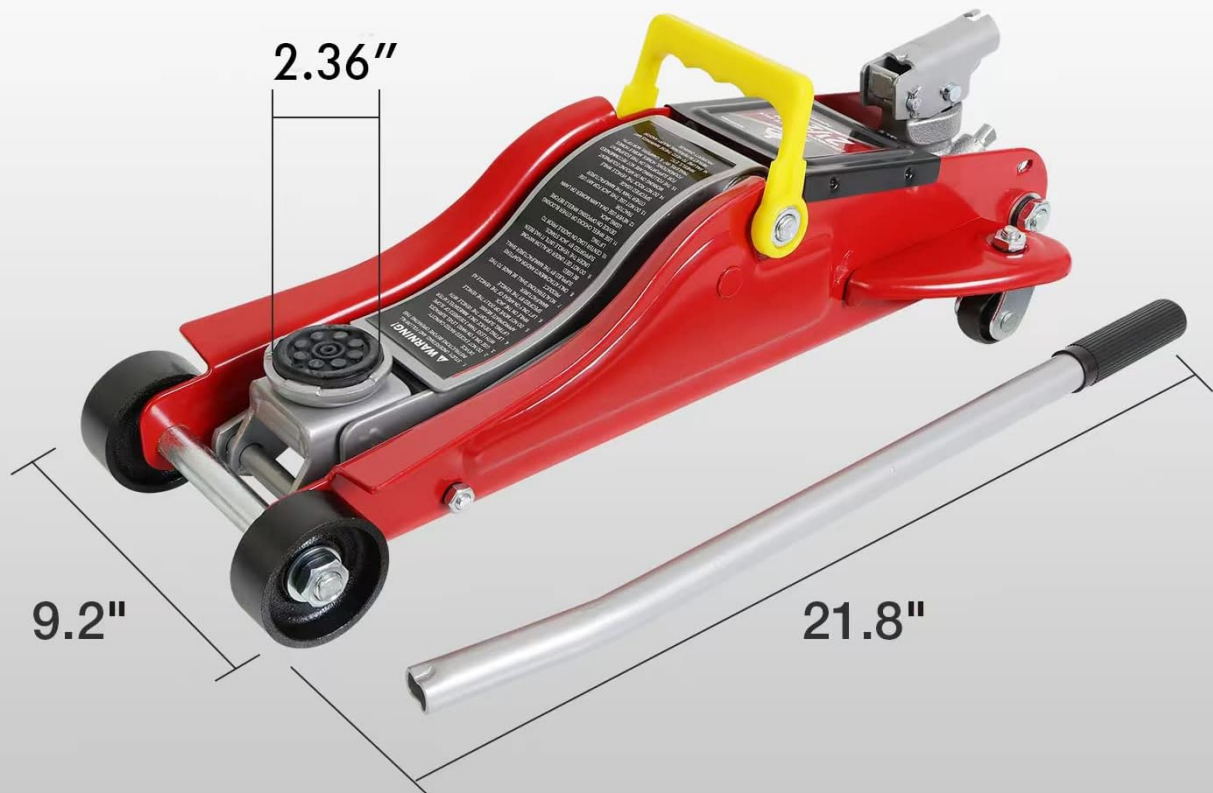


Figure 3.1: Key dimensions of the Jack Boss 2.5 Ton Floor Jack.

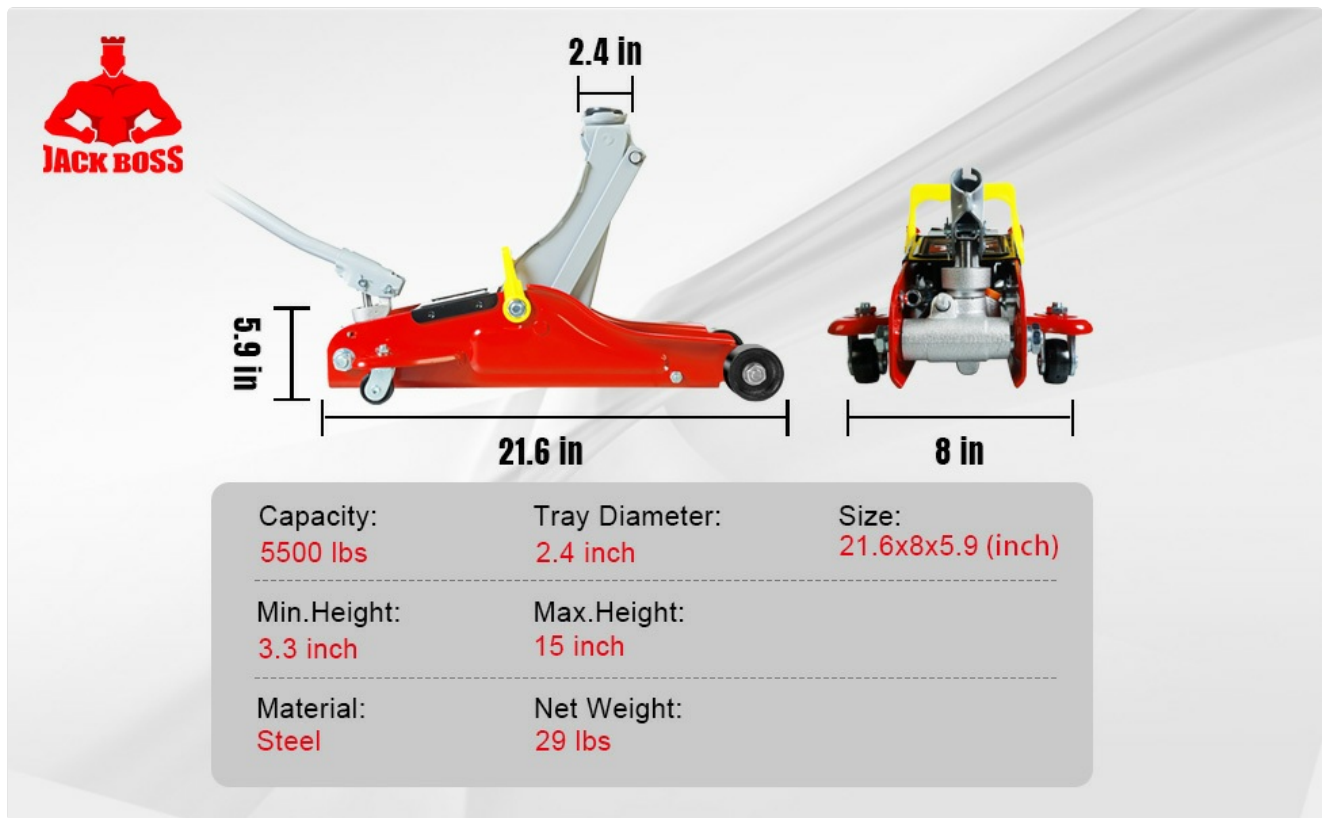


Figure 3.2: Additional specifications and dimensions.

## 4. SETUP

1. **Unpack the Jack:** Carefully remove the floor jack and its components from the portable storage case. Inspect for any shipping damage.
2. **Assemble the Handle:** Insert the handle into the handle socket on the jack. Ensure it is securely fastened. The handle may consist of two pieces that need to be joined.
3. **Bleed the Hydraulic System (Initial Use):** Before first use, or if the jack has been stored for a long time, it is recommended to bleed any air from the hydraulic system. To do this:
  - Turn the release valve counter-clockwise to fully open it.
  - Pump the handle several times to expel any trapped air.
  - Turn the release valve clockwise to close it.
4. **Check Hydraulic Fluid Level:** With the jack fully lowered and the release valve open, remove the oil filler plug. The fluid level should be just below the filler hole. If low, add high-quality hydraulic jack oil. Replace the plug securely.

# JACK BOSS-RIGHT CHOICE

*Better Jacks. Better Security. Better Use*



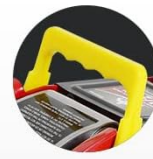
Extra  
Low Profile



360°  
Rotating Handle



Swivel  
Casters



Portable  
Case



Figure 4.1: Jack Boss floor jack in its portable storage case.

## 5. OPERATING INSTRUCTIONS

**IMPORTANT:** Always use jack stands to support the vehicle after lifting. Never work under a vehicle supported only by a floor jack.

1. **Prepare the 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 the Jack:** Locate the vehicle's designated lifting point (refer to your vehicle's owner's manual). Slide the floor jack under the vehicle, ensuring the saddle is centered on the lifting point.
3. **Lift the Vehicle:** Close the release valve by turning the handle clockwise until it is firm. Pump the handle up and down to raise the vehicle to the desired height.
4. **Secure with Jack Stands:** Once the vehicle is lifted, 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 release valve counter-clockwise. Ensure the vehicle is stable on the jack stands before proceeding with any work.

5. **Lower the Vehicle:** After completing work and removing jack stands, raise the vehicle slightly with the floor jack to clear the jack stands. Remove the jack stands. Slowly and carefully turn the release valve counter-clockwise to lower the vehicle completely to the ground. Once fully lowered, remove the floor jack.

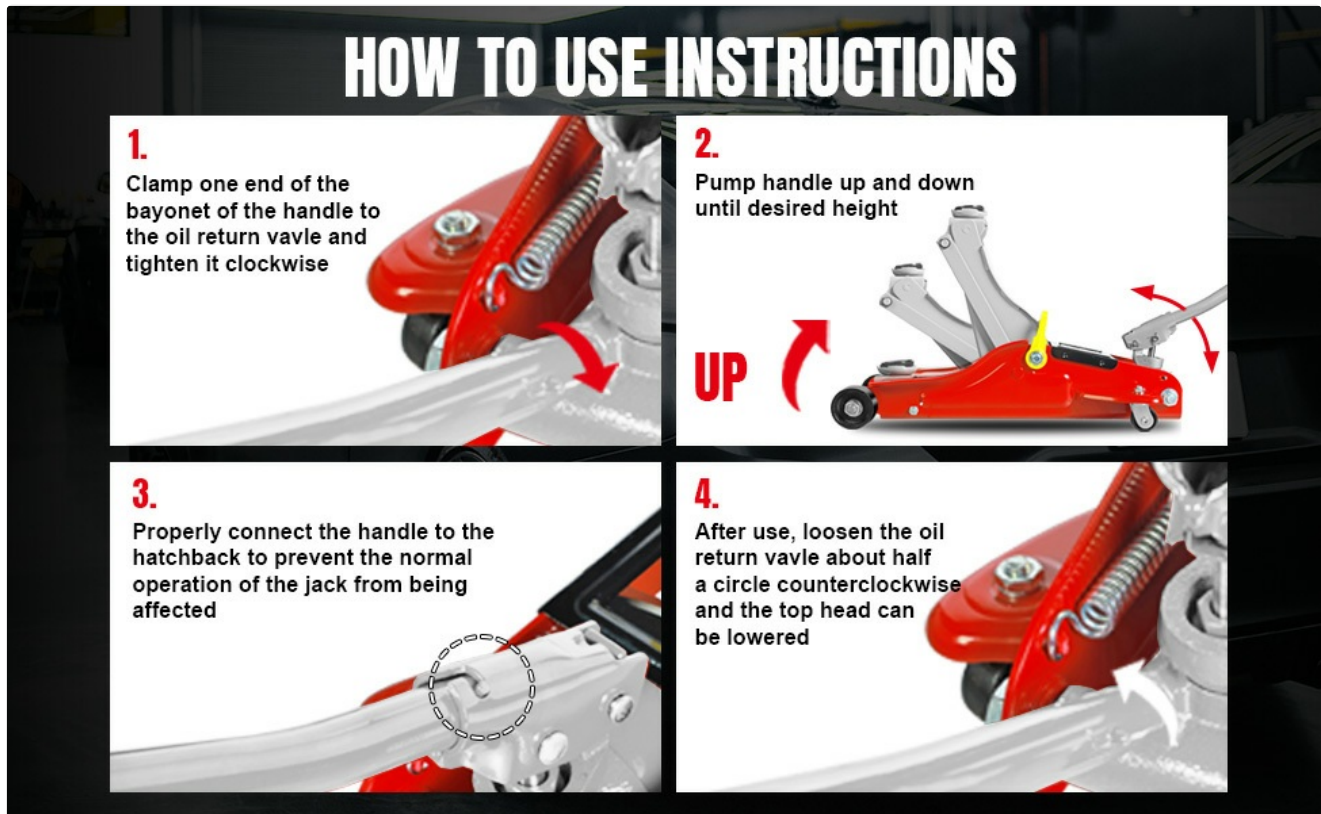


Figure 5.1: Visual guide for operating the floor jack.



## ***EXTRA LOW PROFILE FOR GENERAL OR SPECIALTY USE***

Figure 5.2: Demonstrating the low-profile design fitting under a vehicle.

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Video 5.1: Official demonstration of the Jack Boss 2.5 Ton Floor Jack with Portable Case, showing its features and ease of use.

## **6. MAINTENANCE**

1. **Lubrication:** Periodically lubricate all moving parts with light machine oil.
2. **Hydraulic Fluid:** Check the hydraulic fluid level every three months. With the jack fully lowered and the release valve open, remove the oil filler plug. The fluid level should be just below the filler hole. If low, add high-quality hydraulic jack oil. Do not overfill.
3. **Cleaning:** Keep the jack clean and free of dirt, grease, and debris.
4. **Inspection:** Before each use, inspect the jack for any signs of damage, leaks, or wear. Do not use a damaged jack.
5. **Storage:** Store the jack in its portable case in a clean, dry place with the ram fully retracted.

## 7. TROUBLESHOOTING

| Problem                          | Possible Cause                                         | Solution                                                           |
|----------------------------------|--------------------------------------------------------|--------------------------------------------------------------------|
| Jack will not lift               | Release valve open; Low hydraulic fluid; Air in system | Close release valve; Add fluid; Bleed air from system              |
| Jack lifts slowly or erratically | Low hydraulic fluid; Air in system                     | Add fluid; Bleed air from system                                   |
| Jack will not hold load          | Release valve not fully closed; Internal leak          | Ensure valve is tight; Contact customer support for repair         |
| Jack will not lower              | Release valve stuck; Mechanical obstruction            | Gently tap valve; Check for obstructions; Contact customer support |

## 8. WARRANTY AND SUPPORT

For warranty information or technical support regarding your Jack Boss 2.5 Ton Hydraulic Low Profile Floor Jack, please refer to the documentation included with your purchase or visit the official Jack Boss store page on Amazon. Specific warranty terms and conditions may vary.

**Online Store:** [Jack Boss Amazon Store](#)

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

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

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