

[Manuals.plus](#) /

› [YELLOW JACKET](#) /

› YELLOW JACKET 2.5 Ton Trolley Jack ASS825010CS Instruction Manual

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YELLOW JACKET 2.5 Ton Trolley Jack Instruction Manual

Model: ASS825010CS

INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your YELLOW JACKET 2.5 Ton Trolley Jack. Please read this manual thoroughly before using the jack and retain it for future reference.

The YELLOW JACKET 2.5 Ton Trolley Jack is a hydraulic low-profile floor jack designed for lifting vehicles with a maximum capacity of 5500 lbs (2.5 tons). It features a single piston lift pump for quick lifting, durable heavy-duty steel construction, and a low minimum lifting height of 3-1/2 inches, extending to a maximum of 14-1/8 inches. It is equipped with a safety protection device and meets ANSI/ASME PASE safety standards.

SAFETY INFORMATION

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

- Always read and understand the entire manual before using this product.
- Do not exceed the rated capacity of 2.5 tons (5500 lbs).
- Use this jack only on a hard, level surface.
- Immediately after lifting the vehicle, support it with appropriate jack stands. Do not work under a vehicle supported only by a jack.
- Ensure the vehicle's parking brake is engaged and wheels are chocked before lifting.
- Center the load on the jack saddle. Off-center loads can cause the jack to tip.
- Do not use the jack for purposes other than lifting vehicles.
- Keep hands and feet clear of moving parts and the area under the vehicle.
- Lower the load slowly and carefully.
- Wear appropriate personal protective equipment (PPE) such as safety glasses and gloves.
- Do not modify the jack or use it with unauthorized attachments.
- Keep children and bystanders away from the work area.

PRODUCT OVERVIEW

The YELLOW JACKET 2.5 Ton Trolley Jack is designed for ease of use and durability. Familiarize yourself with its components:



Figure 1: Key Components of the Trolley Jack

- 1. Carrying Handle:** For easy transport.
- 2. 360° Rotating Handle:** Provides leverage for pumping and controls the release valve.
- 3. Steel Front Casters:** For stability and movement.
- 4. Over-load Protection:** Safety mechanism to prevent lifting beyond capacity.
- 5. Long Handle:** Detachable handle for pumping and maneuvering.

Additional features include:

- **Low Profile Design:** Minimum height of 3-1/2 inches allows access under low-clearance vehicles.
- **High Lift Range:** Maximum lift height of 14-1/8 inches.
- **Durable Construction:** Made from heavy-duty steel for long-term reliability.
- **Maneuverability:** Equipped with two steel front casters and two 360-degree rear casters.

 **LIFTING RANGE $\geq 80\%$ THE SAME TONNAGE PRODUCTS**

**High enough
14-1/8"**



**Low enough
3-1/2"**



Figure 2: Jack Lifting Range

ALL STEEL CONSTRUCTION

Long term quality for both every day and industrial use

PROVIDES RIGIDITY AND STABILITY

EASY TO MOVE AND FIND THE APPROPRIATE LOCATION

ROBUST AND DURABLE STEEL BODY



Figure 3: All Steel Construction

SETUP

1. **Unpacking:** Carefully remove the jack and all components from the packaging. Inspect for any shipping damage.
2. **Handle Assembly:** Insert the handle into the handle socket on the jack. Ensure it is securely seated. The handle also serves as the release valve control.
3. **Bleeding the Hydraulic System (Initial Use):**
 - With the jack fully lowered, remove the oil filler plug (if present, refer to specific model diagram).
 - Pump the handle rapidly 10-15 times without a load to remove any air that may be trapped in the hydraulic system.
 - Replace the oil filler plug.
4. **Test Operation:** Before first use, test the jack without a load. Pump the handle to raise the saddle to its maximum height, then slowly turn the handle counter-clockwise to lower it. Ensure smooth operation.

OPERATING INSTRUCTIONS

Follow these steps for safe and effective vehicle lifting:

1. Prepare the Vehicle:

- Park the vehicle on a hard, level surface.
- Engage the parking brake.
- Place wheel chocks on the wheels that will remain on the ground.
- If lifting the front, chock the rear wheels. If lifting the rear, chock the front wheels.

2. Position the Jack:

- Locate the vehicle's manufacturer-recommended lifting points. Refer to your vehicle's owner's manual.
- Roll the jack under the vehicle, ensuring the saddle is directly under the lifting point.
- Ensure the jack is positioned so that the handle can be operated freely.

3. Lift the Vehicle:

- Turn the handle clockwise until it is firmly closed. This closes the release valve.
- Pump the handle up and down to raise the jack saddle. Continue pumping until the vehicle is lifted to the desired height.
- **IMPORTANT:** Do not lift the vehicle higher than necessary.

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 handle counter-clockwise.
- Ensure the vehicle is stable on the jack stands before performing any work.

5. Lower the Vehicle:

- Raise the vehicle slightly off the jack stands using the trolley jack.
- Remove the jack stands.
- Slowly and carefully turn the handle counter-clockwise to open the release valve and lower the vehicle completely to the ground.
- Once fully lowered, remove the jack from under the vehicle.

How to Use Instructions

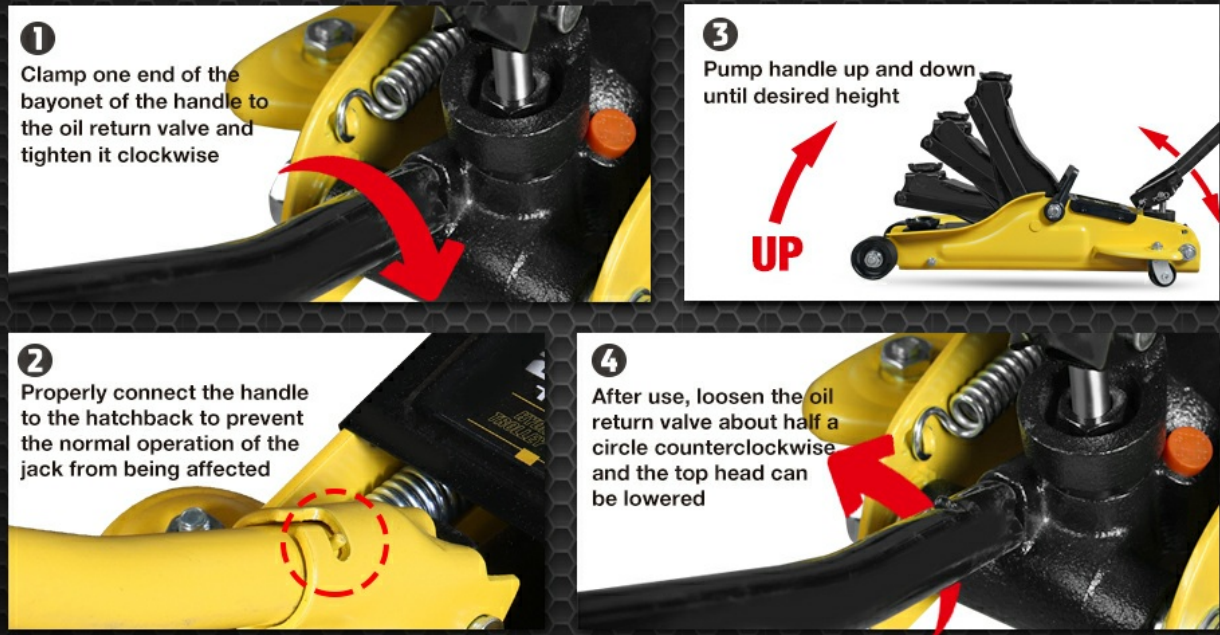


Figure 4: How to Use Instructions

Instructional Videos

Video: Heavy duty jack that is built to last.

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This video demonstrates the robust construction and general use of a similar heavy-duty jack. It highlights the durability and stability during operation.

Video: Always use the right size jack for the job.

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This video emphasizes the importance of selecting the correct jack for your vehicle's weight and provides general safety tips for lifting.

Video: ABOUT Heavy Duty Hydraulic Jack for Car, SUV Floor Jack

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This video offers an overview of a heavy-duty hydraulic floor jack, demonstrating its features and suitability for various vehicles like cars and SUVs.

MAINTENANCE

- **Lubrication:** Periodically lubricate all moving parts with light grease or oil.
- **Hydraulic Fluid:** Check the hydraulic fluid level every three months. To check, lower the jack completely, remove the oil filler plug (if present, refer to specific model diagram), and ensure the fluid is just below the filler hole. Use only high-quality hydraulic jack oil.
- **Cleaning:** Keep the jack clean from dirt, grease, and debris. This prevents contamination of the hydraulic system and ensures smooth operation.

- **Storage:** Store the jack in a clean, dry place with the ram fully retracted (jack fully lowered) to prevent corrosion and extend seal life. The included carrying case provides convenient storage.



Figure 5: Jack in Carrying Case for Storage

TROUBLESHOOTING

Problem	Possible Cause	Solution
Jack will not lift load.	• Release valve open. • Air in hydraulic system. • Low hydraulic fluid. • Overload.	• Turn handle clockwise to close valve. • Bleed the hydraulic system (see Setup section). • Add hydraulic fluid (see Maintenance section). • Reduce load; do not exceed capacity.

Problem	Possible Cause	Solution
Jack lifts slowly or erratically.	- Air in hydraulic system. - Low hydraulic fluid.	- Bleed the hydraulic system. - Add hydraulic fluid.
Jack will not hold load or lowers too quickly.	- Release valve not fully closed. - Internal seal leakage.	- Turn handle clockwise firmly. - Contact customer support for service.

SPECIFICATIONS

Feature	Detail
Model Number	ASS825010CS
Vehicle Service Type	Car
Material	Alloy Steel
Load Capacity	5500 lbs (2.5 Tons)
Minimum Height	3.5 Inches
Maximum Height	14-1/8 Inches
Item Weight	16.31 Kilograms
Item Dimensions (LxWxH)	24 x 10 x 6.69 inches
Included Components	Floor Jack

WARRANTY

This YELLOW JACKET 2.5 Ton Trolley Jack includes a limited 1-year manufacturer warranty. For specific details regarding warranty coverage, terms, and conditions, please refer to the warranty card included with your product or contact YELLOW JACKET customer support.

Optional protection plans may be available for purchase separately, offering extended coverage beyond the manufacturer's warranty.

SUPPORT

For technical assistance, parts, or warranty claims, please contact YELLOW JACKET customer support. Refer to the product packaging or the official YELLOW JACKET website for the most current contact information. When contacting support, please have your product model number (ASS825010CS) and purchase date available.



