

Daytona 64783

Daytona 3 Ton Professional Rapid Pump Floor Jack

Model: **64783** | Brand: **Daytona**

INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Daytona 3 Ton Professional Rapid Pump Floor Jack. This heavy-duty floor jack is designed to lift vehicles, providing access for maintenance and repairs. It features dual piston Rapid Pump technology for efficient lifting.

Key features include:

- Lift height range of 5 inches to 18-1/4 inches, suitable for a variety of vehicles from low-profile cars to trucks and SUVs.
- Maximum lift capacity of up to 6000 pounds (3 tons).
- Equipped with ball bearing premium rear swivel casters for 360-degree maneuverability.
- Utilizes a dual piston hydraulic system for rapid lifting.

SAFETY INFORMATION

WARNING: Read and understand all instructions and safety warnings before operating this floor jack. Failure to follow these instructions may result in serious injury or property damage.

- Always use jack stands to support the vehicle after lifting. Never rely solely on the floor jack for support.
- Ensure the jack is placed on a hard, level surface capable of supporting the load.
- Do not exceed the rated capacity of 3 tons (6000 lbs).
- Center the load on the saddle. Off-center loads can cause instability.
- Keep hands and feet clear of moving parts and the area under the lifted vehicle.
- Wear appropriate personal protective equipment (PPE), such as safety glasses.
- Do not modify the jack or use it for purposes other than its intended use.
- Lower the load slowly and carefully.

COMPONENTS

Familiarize yourself with the main components of your Daytona Floor Jack:

- **Lifting Arm:** The main arm that raises and lowers.
- **Saddle:** The contact point with the vehicle's lifting point, often with a rubber pad.
- **Pump Handle:** Used to pump the hydraulic system for lifting and to release pressure for lowering.
- **Release Valve:** Controlled by twisting the pump handle, it allows the jack to lower.
- **Front Wheels:** Fixed wheels for stability.
- **Rear Swivel Casters:** Ball bearing casters for 360-degree maneuverability.
- **Hydraulic Cylinder:** Contains the hydraulic fluid and piston for lifting.



Figure 1: Overview of the Daytona 3 Ton Professional Rapid Pump Floor Jack. This image shows the jack in its lowered position, highlighting its compact design and green finish.

SETUP

1. **Unpacking:** Carefully remove the floor jack and all components from the packaging. Inspect for any shipping damage.
2. **Handle Assembly:** Insert the two-piece handle into the handle socket at the rear of the jack. Secure it according to the instructions provided in the separate assembly guide (if applicable). Ensure the handle is fully seated and locked.
3. **Purging Air from Hydraulic System (Bleeding):**
 - With the jack fully lowered, turn the handle counter-clockwise to open the release valve.
 - Pump the handle rapidly for 10-15 full strokes to force any trapped air out of the system.
 - Turn the handle clockwise to close the release valve.

- Test the jack by lifting it to its full height and then lowering it. Repeat if necessary until the jack operates smoothly.

OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation of your floor jack:

1. **Prepare the Vehicle:** Park the vehicle on a hard, level surface. Engage the parking brake and block the wheels that will remain on the ground.
2. **Position the Jack:** Locate the vehicle's manufacturer-recommended lifting points. Slide the floor jack under the vehicle, ensuring the saddle is centered directly under the lifting point.



Figure 2: Proper positioning of the floor jack under a vehicle's frame. The jack is shown in its low-profile state, ready to lift.

3. **Lifting the Vehicle:**
 - Ensure the release valve is fully closed by turning the handle clockwise.
 - Pump the handle up and down to raise the saddle. Continue pumping until the vehicle is lifted to the desired height.
 - Lift only high enough to allow for the placement of jack stands.
4. **Secure with Jack Stands:** Immediately place appropriately rated jack stands under the vehicle's designated support points. Ensure the vehicle is securely resting on the jack stands before performing any work.



Figure 3: The floor jack and jack stands are used in conjunction to safely support a vehicle during maintenance. The jack is visible under the suspension component.

5. Lowering the Vehicle:

- Carefully raise the jack slightly to remove the load from the jack stands, then remove the jack stands.
- Slowly turn the pump handle counter-clockwise to open the release valve. The vehicle will begin to lower.
- Control the lowering speed by adjusting how much you open the valve.
- Once the vehicle is fully lowered, remove the floor jack.

MAINTENANCE

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

- **Lubrication:** Periodically lubricate all moving parts, including the pivot points, wheels, and handle mechanism, with a light machine oil.
- **Hydraulic Fluid:** Check the hydraulic fluid level every 6 months. To check, lower the jack completely, remove the oil filler plug, and ensure the fluid is level with the bottom of the filler hole. Use only high-quality hydraulic jack oil.
- **Cleaning:** Keep the jack clean and free of dirt, grease, and debris. This prevents contamination of the hydraulic system and ensures smooth operation of moving parts.
- **Storage:** Store the jack in a dry, clean area with the ram fully retracted to prevent rust and extend seal life.
- **Inspection:** Before each use, inspect the jack for any signs of damage, leaks, or worn parts. Do not use the jack if any damage is found.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Jack will not lift load.	Release valve open; Low hydraulic fluid; Air in system; Overload.	Close release valve; Add hydraulic fluid; Bleed air from system; Reduce load.
Jack lifts slowly or erratically.	Low hydraulic fluid; Air in system; Worn seals.	Add hydraulic fluid; Bleed air from system; Contact service for seal replacement.
Jack leaks fluid.	Damaged seals; Loose fittings.	Contact service for seal replacement; Tighten fittings.
Jack will not lower.	Release valve stuck closed; Obstruction.	Ensure valve is fully open; Check for obstructions.

SPECIFICATIONS

Specification	Value
Load Capacity	3 Ton (6000 lbs)
Minimum Lifting Height	5 inches
Maximum Lifting Height	18.25 inches
Item Weight	103 pounds
Model Number	64783
Manufacturer Part Number	64783 (DaytonGreenHD3Ton)
Color	Green
Hydraulic System	Dual Piston Rapid Pump
Mobility	Ball bearing premium rear swivel casters

WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your purchase or contact Daytona customer support directly. Daytona is committed to providing reliable products and excellent customer service.

If you require assistance or have questions regarding your floor jack, please contact customer support through the vendor from whom you purchased the product or visit the official Daytona website for contact details.

For general inquiries, you may also refer to the [Daytona Store on Amazon](#).