

## BIG RED TJ830026X

# BIG RED 3-Ton Steel Floor Jack (Model TJ830026X) Instruction Manual

Model: TJ830026X | Brand: BIG RED

## 1. INTRODUCTION

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Thank you for purchasing the BIG RED 3-Ton Steel Floor Jack. This robust floor jack features a durable, thick drop-forged alloy welded steel structure and a dual pump system for efficient lifting. It is equipped with 360-degree rotating casters for smooth maneuverability and a protective rubber pad to prevent vehicle damage. This manual provides essential information for the safe and proper operation, maintenance, and troubleshooting of your floor jack. Please read and understand all instructions and warnings before using this product. Keep this manual for future reference.

## 2. SAFETY INFORMATION

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**WARNING:** Failure to follow these instructions may result in serious injury or property damage.

- Always use the jack on a hard, level surface.
- Ensure the vehicle's parking brake is engaged and wheels are chocked before lifting.
- Never work under a vehicle supported only by a jack. Always use appropriately rated jack stands to support the vehicle after lifting.
- Do not exceed the rated capacity of 3 tons.
- Position the jack saddle only at vehicle manufacturer's recommended lifting points.
- Do not use the jack for purposes other than lifting vehicles.
- Keep hands and feet clear of moving parts during operation.
- Lower the vehicle slowly and carefully using the integrated slow lowering function.
- Do not modify the jack in any way.
- Wear appropriate personal protective equipment (PPE) such as safety glasses and gloves.

## 3. SETUP

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1. **Unpacking:** Carefully remove the floor jack and all components from the packaging. Inspect for any damage.
2. **Handle Assembly:** Insert the handle into the handle sleeve on the jack. The handle is easily removable for convenient storage.
3. **Bleeding Air (Initial Use):** Before first use, or if the jack has been stored for a long time, it may be necessary to bleed air from the hydraulic system.
  - Turn the release valve counter-clockwise to fully open it.
  - Pump the handle up and down rapidly 10-15 times.
  - Turn the release valve clockwise to close it. The jack should now operate correctly.

## 4. OPERATION

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### 4.1. Lifting the Vehicle (Jack Up)

1. Confirm the jack and vehicle are on a firm, flat surface.
2. Always set the vehicle's parking brake and block the wheels that will remain on the ground.
3. Consult your vehicle's owner's manual to locate the correct jacking points. Position the jack saddle directly under the designated jacking point.
4. Turn the release valve clockwise to tighten it. Do not overtighten.
5. Insert the handle into the handle sleeve and pump the handle up and down to raise the jack to the desired height. The jack offers a wide adjustment range from a minimum height of 78mm to a maximum height of 508mm.
6. Once the vehicle is lifted, immediately place appropriately rated jack stands under the vehicle at the manufacturer's specified support points. **Never get under a vehicle supported only by the jack.** Jacks are not designed to maintain heavy loads for long periods. Do not set jack stands under both ends or one side of the vehicle simultaneously.
7. Slowly turn the release valve counter-clockwise to lower the load onto the jack stands.

# 2ポンプ デュアル



1 スチール製前輪



2 360°自由に  
移動ができる



## 高級アルミラックとリフト装置

耐荷重3T 



Car



Pickup



MPV



この製品はリフトツールとしてしか使用できませんし、ジャッキスタンドに合わせて使用しなければなりません。

Figure 1: Jacking up procedure and height adjustment range.



Figure 2: Proper placement of the floor jack under a vehicle.

## 4.2. Lowering the Vehicle (Jack Down)

1. Turn the release valve clockwise to tighten it.
2. Pump the handle to slightly lift the vehicle off the jack stands.
3. Remove the jack stands. **Do not allow anyone to be under the vehicle while lowering.**
4. Slowly turn the release valve counter-clockwise to lower the vehicle to the ground.

## 5. MAINTENANCE

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- **Lubrication:** Periodically lubricate moving parts with light grease or oil.
- **Hydraulic Oil:** Check the hydraulic oil level regularly. If low, refill with high-quality hydraulic jack oil. Do not use brake fluid or other fluids.
- **Cleaning:** Keep the jack clean and free of dirt, grease, and corrosive materials.
- **Storage:** When not in use, store the jack in a dry, clean place with the ram fully retracted.

- **Inspection:** Before each use, inspect the jack for any signs of damage, leaks, or wear. Do not use if damaged.

## 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Jack does not lift or lifts slowly.	Low hydraulic oil level, air in system, release valve open.	Check oil level and refill if necessary. Bleed air from the system (see Setup). Ensure release valve is fully closed.
Jack lowers under load.	Release valve not fully closed, internal leak, worn seals.	Ensure release valve is fully closed. If problem persists, discontinue use and contact customer support for repair.
Jack makes unusual noises.	Air in system, lack of lubrication.	Bleed air from the system. Lubricate moving parts.

## 7. SPECIFICATIONS

Feature	Detail
Model Number	TJ830026X
Brand	BIG RED
Material	Steel (Thick drop-forged alloy welded steel structure)
Maximum Load Capacity	3 tons
Minimum Height	78 mm
Maximum Lift Height	508 mm
Product Dimensions (L x W x H)	78 x 39.5 x 18 cm
Product Weight	32 kg
Included Components	Handle, Rubber Pad
Casters	360-degree rotating rear casters
GTIN	00810151422336

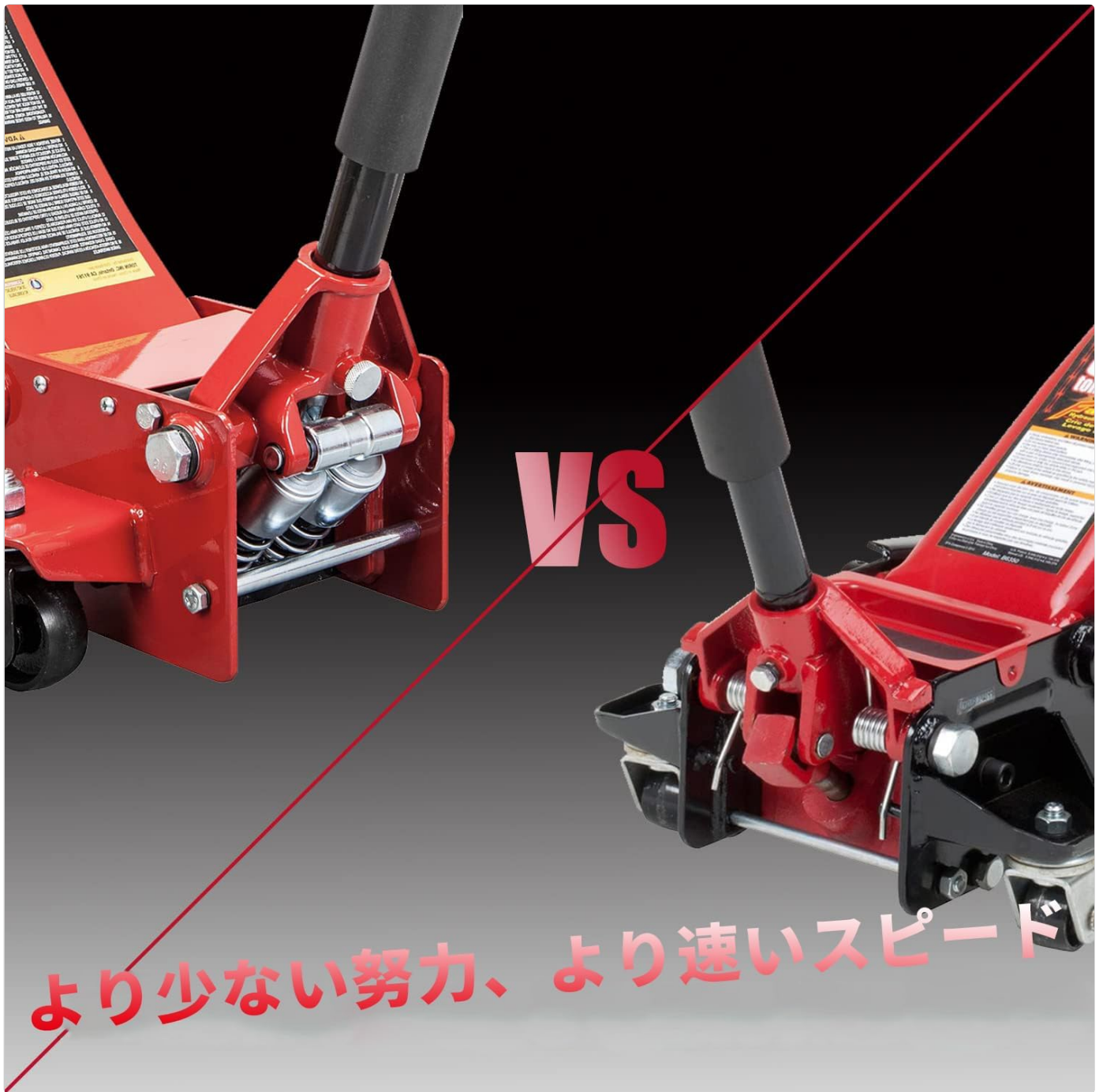


Figure 3: Product dimensions and specifications.

# 商品仕様

本体サイズ: 670mm×330mm×165mm

耐荷重: 3T

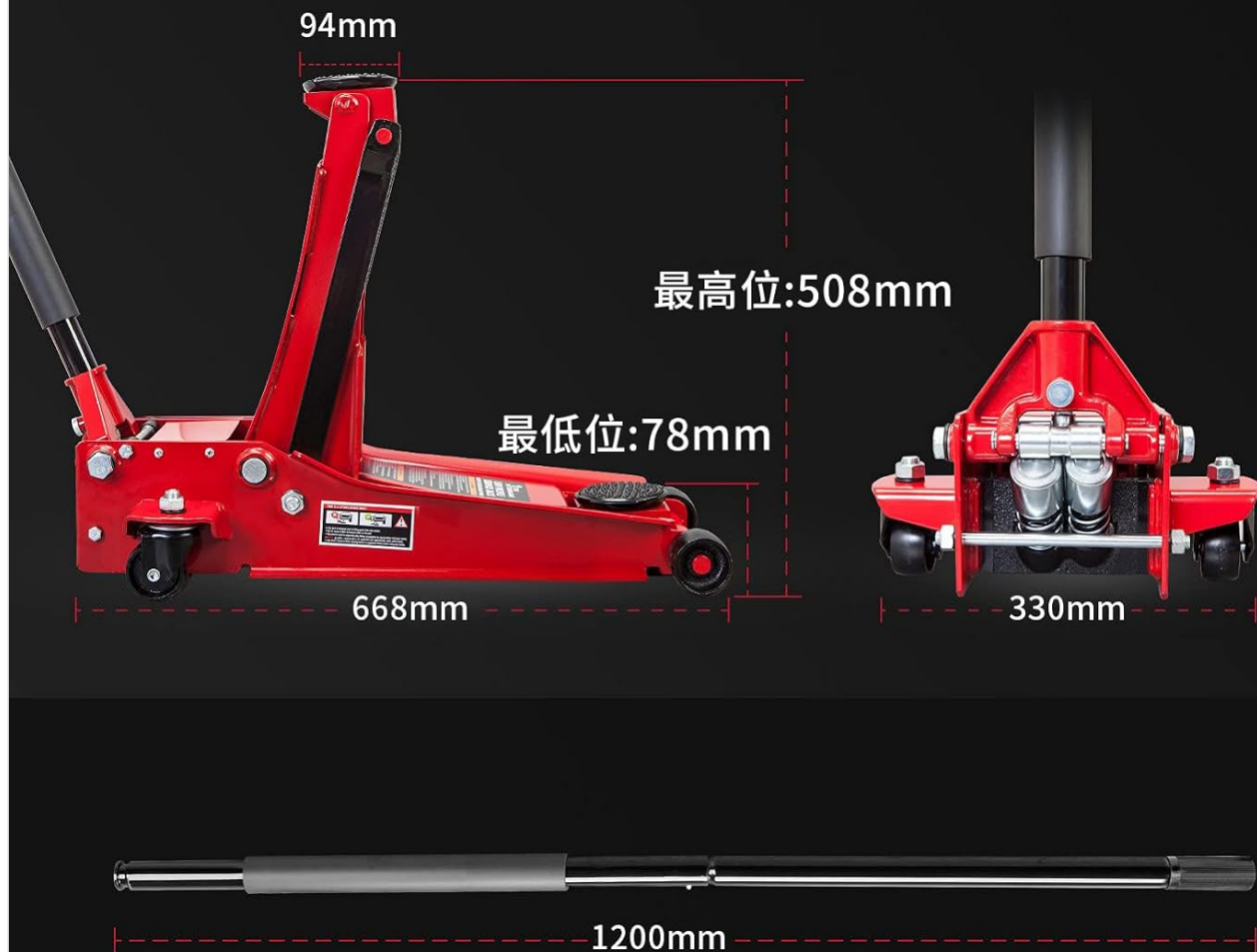


Figure 4: Key features including dual pump and caster wheels.

## 8. WARRANTY

This BIG RED floor jack comes with a **1-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, abuse, alteration, accident, or lack of proper maintenance. Please retain your proof of purchase for warranty claims.

## 9. CUSTOMER SUPPORT

For technical assistance, parts, or warranty inquiries, please contact BIG RED JP customer support. Refer to your purchase documentation for specific contact details or visit the official BIG RED website.

