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VEVOR DSJA380+

VEVOR Electric Car Jack User Manual

Model: DSJA380+

Product Overview

The VEVOR Electric Car Jack is a versatile tool designed for efficient tire changes and vehicle maintenance. It combines a powerful electric scissor jack with a built-in tire inflator and an electric impact wrench, making it a comprehensive solution for roadside emergencies.

- **Inflation & Lifting Combo:** Features both lifting and tire inflation capabilities with 3 standard nozzles.
- **Suitable for 5T Vehicles:** Designed to lift single tires on vehicles up to 5 tons (11000 lbs), with a hydraulic lift range of 6.1-17.5 inches (155-445 mm).
- **Dual Power Supply:** Can be powered via a cigarette lighter or 12V car power clamp for flexible use.
- **Efficient Electric Wrench:** Provides 340 N.m max torque with two hexagonal sockets (17/19mm and 21/23mm) for quick lug nut removal.
- **Clear Marking & LED Light:** Equipped with bright LED lighting for night use and a red reflective triangle on the toolbox for visibility.

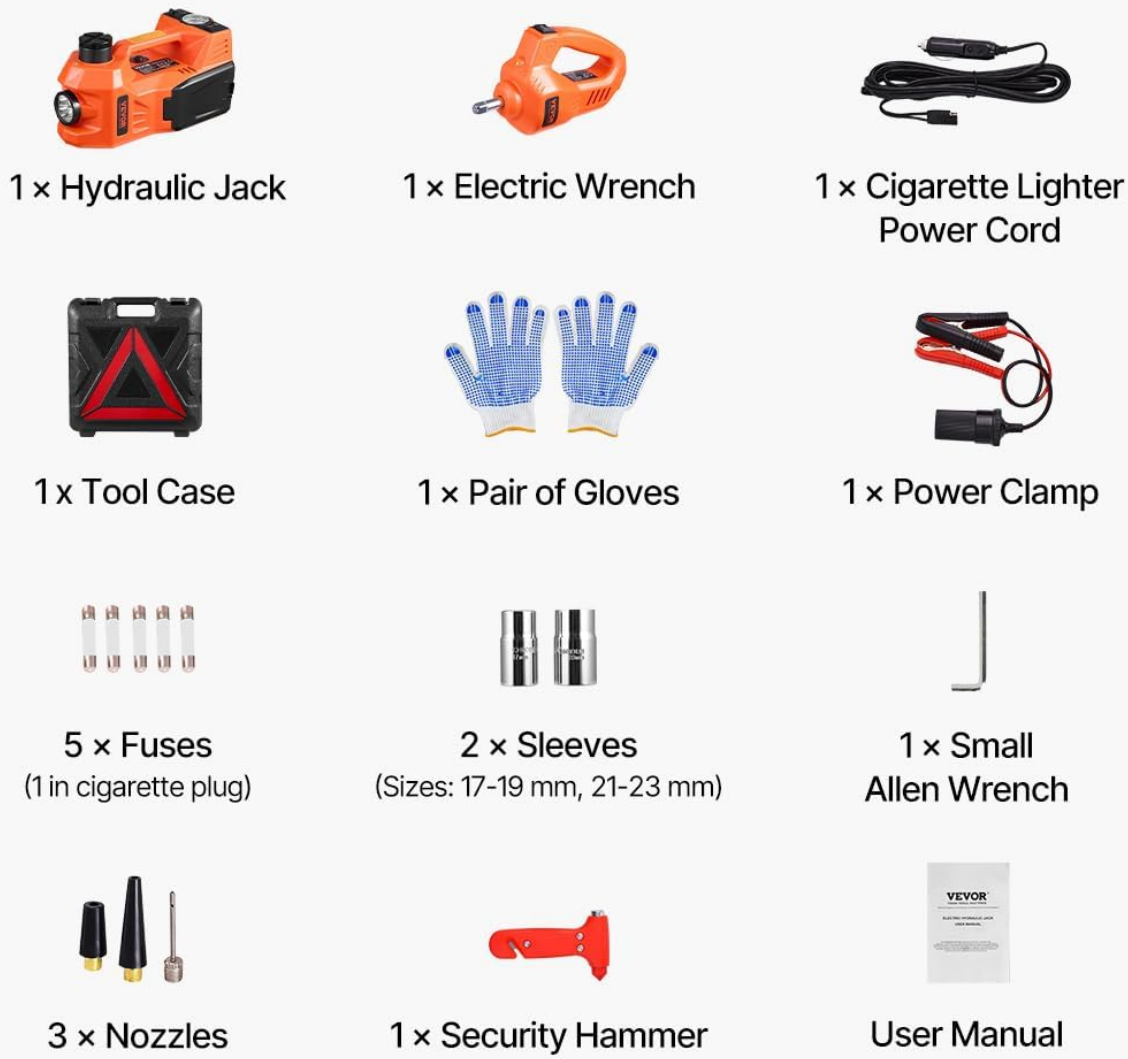


The complete VEVOR Electric Car Jack kit, including the jack, impact wrench, and accessories.

Package Contents

Please verify that all items listed below are present and in good condition upon opening the package.

- 1 × Hydraulic Jack
- 1 × Electric Wrench
- 1 × Cigarette Lighter Power Cord
- 1 × Tool Case
- 1 × Pair of Gloves
- 1 × Power Clamp
- 5 × Fuses (1 in cigarette plug)
- 2 × Sleeves (Sizes: 17-19 mm, 21-23 mm)
- 1 × Small Allen Wrench
- 3 × Nozzles
- 1 × Security Hammer
- 1 × User Manual



All components of the VEVOR Electric Car Jack kit, including the jack, wrench, power cords, sockets, and accessories.

Safety Instructions

Read and understand all safety warnings and instructions before using this product. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- Always operate the jack on a flat, stable, and non-slippery surface.
- Never exceed the rated load capacity of 5 tons (11000 lbs).
- Do not work under a vehicle supported only by the jack. Always use appropriate jack stands to secure the vehicle after lifting.
- Ensure the jack is positioned vertically and securely under the vehicle's designated lifting point.
- Keep hands, feet, and clothing clear of moving parts during operation.
- Disconnect power when the jack is not in use or during maintenance.
- Do not expose the product to rain or wet conditions.
- Keep children and bystanders away from the operating area.
- If the fuse blows, replace it with a fuse of the same specification (15A).

Setup

Before first use, ensure all components are present and undamaged.

1. Unpack the electric car jack kit and lay out all components.
2. Inspect the jack, cables, and accessories for any signs of damage. Do not use if damaged.
3. Choose your power supply: Connect the jack to your vehicle's 12V cigarette lighter socket or directly to the car battery using the provided power clamp. For vehicles over 5T, using the car battery clamp is recommended for stable lifting.

Operating Instructions

Using the Electric Jack

1. Park your vehicle on a flat, firm surface and engage the parking brake. If on a slope, block the wheels.
2. Locate the vehicle's designated lifting point, typically found in your vehicle's owner's manual.
3. Position the electric jack directly under the lifting point, ensuring it is vertical and stable.
4. Connect the jack to the chosen 12V power source.
5. Press the "UP" button on the jack's control panel to raise the vehicle. Monitor the lifting process carefully.
6. Once the desired height is reached, release the button. For safety, always place jack stands under the vehicle before performing any work.
7. To lower the vehicle, ensure the area is clear, then press the "DOWN" button.

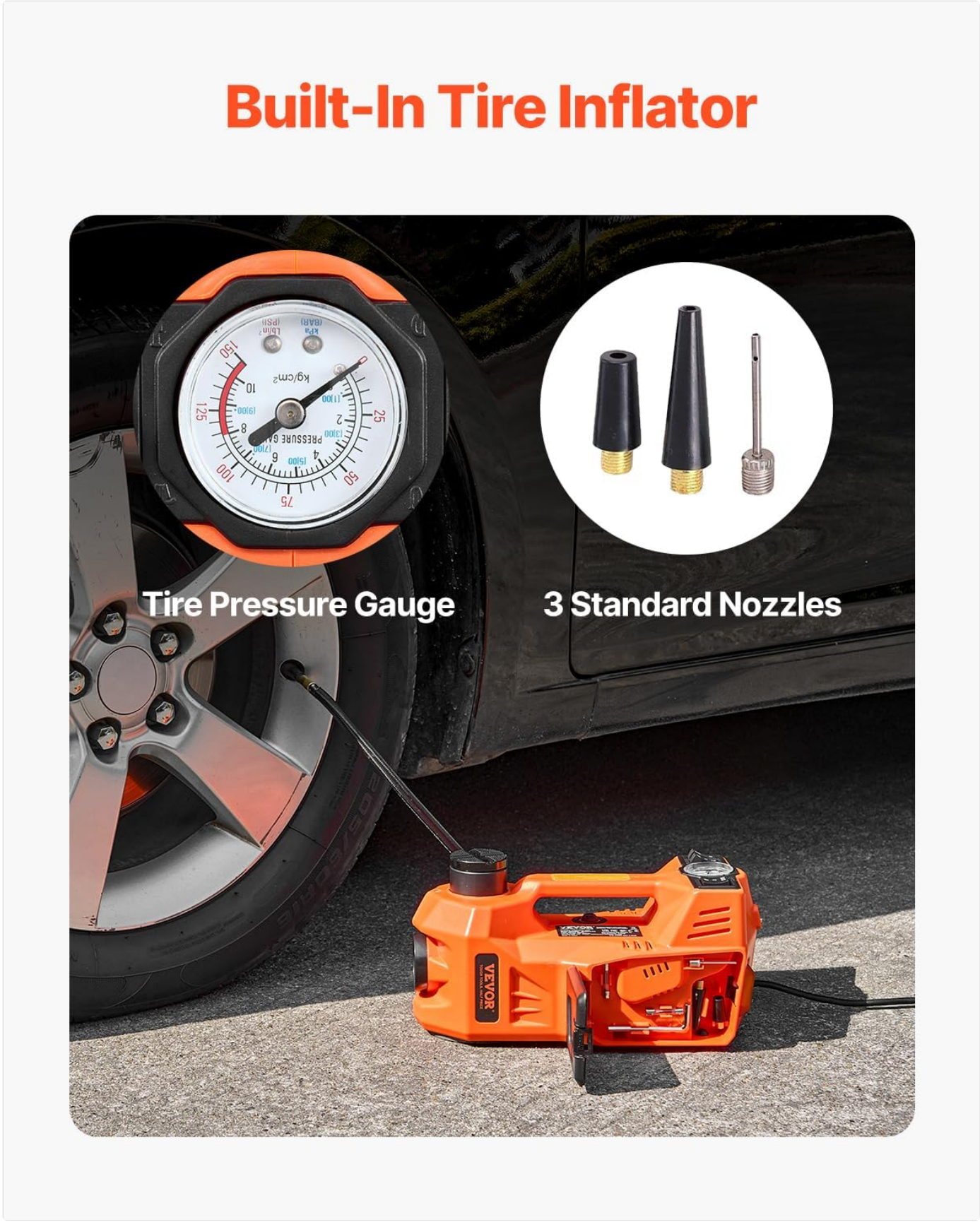


The jack can reach a maximum height of 17.5 inches (445mm) from a minimum of 6.1 inches (155mm).

Using the Tire Inflator

1. Ensure the jack is connected to a 12V power source.
2. Unscrew the valve cap from the tire.
3. Screw the inflator hose securely onto the tire valve stem.
4. If needed, attach one of the 3 standard nozzles for other inflatable items (e.g., sports balls, air mattresses).

5. Turn on the inflator switch. Monitor the built-in pressure gauge to reach the recommended tire pressure (usually found on a sticker inside your car's door jamb or owner's manual).
6. Once the desired pressure is reached, turn off the inflator, unscrew the hose, and replace the valve cap.



The integrated tire inflator features a clear pressure gauge and comes with three standard nozzles for various inflation needs.

Using the Electric Impact Wrench

1. Ensure the vehicle is safely lifted and supported by jack stands.

2. Select the correct hexagonal socket size (17/19mm or 21/23mm) that matches your vehicle's lug nuts.
3. Attach the chosen socket firmly onto the impact wrench's drive.
4. Connect the impact wrench to a 12V power source.
5. Place the socket onto a lug nut. Press the appropriate button on the wrench to loosen or tighten the lug nut.
6. For tightening, ensure lug nuts are torqued to your vehicle manufacturer's specifications using a torque wrench after initial tightening with the impact wrench.



The electric impact wrench provides 340 N.m of torque for quick lug nut removal and comes with common socket sizes.

Maintenance

- **Cleaning:** After each use, wipe down the jack and accessories with a clean, dry cloth to remove dirt, dust, and moisture. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the electric car jack kit in its original tool case in a dry, cool place, away from direct sunlight and moisture.
- **Cable Inspection:** Regularly inspect the power cords and connections for any signs of wear, cuts, or damage. Replace if necessary.
- **Fuse Replacement:** If the jack or wrench stops functioning, check the fuse in the cigarette lighter plug. Replace with a new 15A fuse if blown.

Troubleshooting

Problem	Possible Cause	Solution
Jack does not lift/operate.	No power connection; Blown fuse; Overload; Incorrect voltage.	Check power connection; Replace 15A fuse; Ensure vehicle weight is within 5T limit; Use 12V DC power.
Tire inflator not working or slow.	Hose not securely connected; Nozzle blocked; Low vehicle battery.	Ensure hose is tightly screwed onto valve; Check nozzles for obstructions; Ensure vehicle battery has sufficient charge.
Electric wrench not loosening/tightening nuts.	Incorrect socket size; Insufficient power; Lug nuts are seized.	Verify correct socket size; Check power connection; Apply penetrating oil to seized nuts and try again.
Jack is unstable during lifting.	Uneven surface; Incorrect positioning.	Move vehicle to a flat, firm surface; Reposition jack directly under the vehicle's lifting point.

Specifications

Model	DSJA380+
Load Capacity	5 Tons / 11000 Pounds
Hydraulic Lift Range	6.1 - 17.5 inches (155 - 445 mm)
Input Voltage	DC 12V
Rated Power	150W
Electric Wrench Max Torque	340 N.m
Product Dimensions (L x W x H)	11.5 x 4.7 x 6.5 inches (292 x 120 x 155 mm)
Item Weight	18.9 pounds

UPC	197988836414
ASIN	B0DTK26H3T

Detailed dimensions of the electric car jack and wrench, along with a comprehensive list of included accessories.

Warranty and Support

VEVOR products are designed for durability and performance. This product comes with a standard manufacturer's warranty against defects in materials and workmanship. Please refer to the warranty card included in your package for specific terms and conditions, or visit the official VEVOR website for detailed warranty information.
For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact VEVOR customer service. Contact information can typically be found on the VEVOR website or in the documentation provided with your product.

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