

BLACK+DECKER JUS375IB

BLACK+DECKER JUS375IB 375 Amp Jump Starter with Compressor User Manual

Model: JUS375IB

IMPORTANT SAFETY INFORMATION

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

- Always wear eye protection when working with batteries.
- Ensure proper ventilation when charging or operating.
- Do not expose the unit to rain or wet conditions.
- Keep children and unauthorized persons away from the work area.
- Avoid creating sparks near the battery.
- Do not attempt to jump-start a frozen battery.
- Disconnect the unit from the vehicle battery immediately after jump-starting.
- Do not use the compressor for inflating high-pressure items like scuba tanks.

PRODUCT OVERVIEW

The BLACK+DECKER JUS375IB is a portable jump starter and air compressor designed for automotive and recreational use. It provides instant starting power for vehicles and can inflate tires and sports equipment.



Figure 1: BLACK+DECKER JUS375IB 375 Amp Jump Starter with Compressor. This image shows the compact, low-profile design of the unit, featuring the jump starter clamps and the air compressor hose.

Key Features:

- **375 Instant Starting Amps:** Provides sufficient power for jump-starting most vehicles.
- **120 PSI Air Inflator:** Suitable for vehicle tires, bicycle tires, and various sports equipment.
- **Low-Profile Design:** Facilitates easy storage in a vehicle or garage.
- **Visual and Audible Reverse Polarity Alarms:** Warns against incorrect connections to battery terminals, enhancing safety.

SETUP AND INITIAL CHARGING

Before first use, fully charge the unit for at least 24 hours. Regular recharging is essential for maintaining battery life and performance.

Charging Procedure:

1. Locate the AC charging adapter port on the unit.
2. Plug the AC charging adapter into a standard 230V AC wall outlet.
3. Connect the other end of the adapter to the unit's charging port.
4. Allow the unit to charge until the "Fully Charged" indicator light illuminates (if present) or for the recommended duration.
5. Disconnect the charger once charging is complete.

Note: The unit should be recharged after each use and at least every 30 days when not in use to ensure optimal performance and battery longevity.

OPERATING INSTRUCTIONS

A. Jump Starting a Vehicle

CAUTION: Ensure the vehicle's ignition is off and the parking brake is engaged before connecting the jump starter.

1. Position the jump starter on a flat, stable surface near the vehicle's battery.
2. Connect the **RED (+)** positive clamp to the positive terminal of the vehicle's battery.
3. Connect the **BLACK (-)** negative clamp to a non-moving metal part of the vehicle's chassis, away from the battery and fuel lines. *Do not connect directly to the negative battery terminal.*
4. If the reverse polarity alarm sounds, immediately disconnect the clamps and re-connect them correctly.
5. Turn on the jump starter's power switch (if applicable).
6. Start the vehicle. If it does not start within 5-10 seconds, wait at least 3 minutes before trying again.
7. Once the vehicle starts, immediately turn off the jump starter's power switch (if applicable).
8. Disconnect the **BLACK (-)** negative clamp first, then the **RED (+)** positive clamp.
9. Recharge the jump starter as soon as possible after use.

B. Using the Air Compressor

The integrated air compressor can inflate tires and other inflatable items up to 120 PSI.

1. Ensure the unit is adequately charged.
2. Attach the compressor hose nozzle securely to the item to be inflated (e.g., tire valve stem).
3. Turn on the compressor power switch.
4. Monitor the pressure gauge and turn off the compressor once the desired pressure is reached.
5. Disconnect the nozzle from the item.
6. Store the hose and nozzle properly.

Important: Do not operate the compressor continuously for more than 10 minutes to prevent overheating. Allow it to cool down for at least 10 minutes between uses.

MAINTENANCE

Proper maintenance ensures the longevity and reliable operation of your BLACK+DECKER JUS375IB unit.

- **Recharging:** Recharge the unit immediately after each use. If not used, recharge every 30 days to maintain the internal battery's health.
- **Cleaning:** Clean the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the unit in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure clamps are clean and properly stored to prevent accidental contact.
- **Battery Replacement:** The internal battery is not user-replaceable. Contact qualified service personnel for battery replacement.

TROUBLESHOOTING

Review the following common issues and solutions before contacting customer support.

Problem	Possible Cause	Solution
Unit does not turn on or charge.	Internal battery is deeply discharged or faulty. Charging adapter is not connected or faulty.	Ensure charging adapter is securely connected to a live outlet. Charge for at least 24 hours. If still unresponsive, the internal battery may require service.

Problem	Possible Cause	Solution
Vehicle does not jump start.	Incorrect clamp connection. Jump starter battery is low. Vehicle battery is completely dead or faulty.	Verify correct positive (+) and negative (-) connections. Ensure jump starter is fully charged. Allow vehicle battery to charge for a few minutes before attempting to start again. If vehicle battery is severely damaged, it may not accept a jump.
Compressor runs but does not inflate or inflates slowly.	Hose connection is loose. Item being inflated has a leak. Compressor valve is faulty.	Check for secure connection of the nozzle to the valve stem. Inspect the item for punctures or leaks. Ensure the compressor hose is not damaged. If the issue persists, the compressor may require service.
Reverse polarity alarm sounds.	Clamps are connected incorrectly to the vehicle battery terminals.	Immediately disconnect both clamps. Reconnect the RED (+) clamp to the positive terminal and the BLACK (-) clamp to a metal chassis point.

SPECIFICATIONS

Feature	Detail
Model	JUS375IB
Brand	BLACK+DECKER
Starting Amperage	375 Amps (Instant)
Compressor Pressure	120 PSI (Maximum)
Voltage	12 Volts
Product Dimensions (LxWxH)	30.5 x 15.2 x 27.9 Centimeters
Item Weight	4.99 kg (11 Pounds)

WARRANTY INFORMATION

This BLACK+DECKER product is covered by a limited warranty. For specific warranty terms and conditions, please refer to the warranty card included with your purchase or visit the official BLACK+DECKER website. Keep your proof of purchase for warranty claims.

CUSTOMER SUPPORT

For technical assistance, service, or replacement parts, please contact BLACK+DECKER customer support. Contact information can typically be found on the product packaging or the official BLACK+DECKER website. When contacting support, please have your product model number (JUS375IB) and date of purchase available.