

ironton®

0.7 CFM Air Inflator

Owner's Manual



! WARNING: Read carefully and understand all ASSEMBLY AND OPERATION INSTRUCTIONS before operating. Failure to follow the safety rules and other basic safety precautions may result in serious personal injury.

Item #6108531

Thank you very much for choosing a IRONTON product!

READ & SAVE THESE INSTRUCTIONS

For future reference, please complete the owner's record below:

Serial Number/Lot Date Code: _____

Purchase Date: _____

Save the receipt, warranty, and this manual. It is important that you read the entire manual to become familiar with this product before you begin using it.

This product is designed for certain applications only. Northern Tool & Equipment is not responsible for issues arising from modification or improper use of this product such as an application for which it was not designed. We strongly recommend that this product not be modified and/or used for any application other than that for which it was designed.

For technical questions, please call **1-800-222-5381**.

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Intended Use

The Ironton Portable Tire Inflator with digital tire pressure gauge can inflate your standard car tires in seconds. A simple press on car air inflator and it will do all work for you. A great solution for emergency on this way.

Packaging Contents

- Air Inflator (1)
- Manual (1)
- Air Hose (1)
- 12VDC Power Cable (1)
- USB Power Cable (1)
- Storage Pouch (1)
- Presta Chuck (1)
- Inflator Nozzle (1)
- All Brass Schrader Chuck (1)
- Inflation Needle (1)

Technical Specifications

Property	Specification
Working voltage	12V DC
Input voltage	5V-2A
Max current	<8A
Max pressure	150PSI
Pressure unit	PSI, BAR, KPA, KG/CM ²
Air hose length	150mm
Working temperature	-10°C~45°C

Important Safety Information

⚠WARNING

- Read and understand all instructions. Failure to follow all instructions may result in serious injury or property damage.
- The warnings, cautions, and instructions in this manual cannot cover all possible conditions or situations that could occur. Exercise common sense and caution when using this tool. Always be aware of the environment and ensure that the tool is used in a safe and responsible manner.
- Do not allow persons to operate or assemble the product until they have read this manual and have developed a thorough understanding of how it works.
- Do not modify this product in any way. Unauthorized modification may impair the function and/or safety and could affect the life of the product. There are specific applications for which the product was designed.
- Use the right tool for the job. DO NOT attempt to force small equipment to do the work of larger industrial equipment. There are certain applications for which this equipment was designed. It will be a safer experience and do the job better at the capacity for which it was intended. DO NOT use this equipment for a purpose for which it was not intended.
- Industrial or commercial applications must follow OSHA requirements.

⚠️WARNING

- This product may contain chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm.

⚠️WARNING

WORK AREA SAFETY

- Inspect the work area before each use. Keep work area clean, dry, free of clutter, and well-lit. Cluttered, wet, or dark work areas can result in injury. Using the product in confined work areas may put you dangerously close to cutting tools and rotating parts.
- Keep children and bystanders away from the work area while operating the tool. Do not allow children to handle the product.

⚠️WARNING

PERSONAL SAFETY

- Stay alert, watch what you are doing, and use common sense when operating the tool. Do not use the tool while you are tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating the tool may result in serious personal injury.
- Dress properly. Do not wear loose clothing, dangling objects, or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry, or long hair can be caught in moving parts. Air vents on the tool often cover moving parts and should be avoided.
- Wear the proper personal protective equipment when necessary. Use ANSI Z87.1 compliant safety goggles (not safety glasses) with side shields, or when needed, a face shield. Use a dust mask in dusty work conditions. Also use non-skid safety shoes, hardhat, gloves, dust collection systems, and hearing protection when appropriate. This applies to all persons in the work area.
- Do not overreach. Keep proper footing and balance at all times.

⚠CAUTION

PRODUCT USE AND CARE

- Do not force the product. Products are safer and do a better job when used in the manner for which they are designed. Plan your work, and use the correct product for the job.
- Check for damaged parts before each use. Carefully check that the product will operate properly and perform its intended function. Replace damaged or worn parts immediately. Never operate the product with a damaged part.
- Do not use a product with a malfunctioning switch. Any power tool that cannot be controlled with the power switch is dangerous and must be repaired by an authorized service representative before using.
- Disconnect the power/air supply from the product and place the switch in the locked or off position before making any adjustments, changing accessories, or storing the tool. Such preventive safety measures reduce the risk of starting the tool accidentally.
- Store the product when it is not in use. Store it in a dry, secure place out of the reach of children. Inspect the tool for good working condition prior to storage and before re-use.
- Use only accessories that are recommended by the manufacturer for use with your product. Accessories that may be suitable for one product may create a risk of injury when used with another tool. Never use an accessory that has a lower operating speed or operating pressure than the tool itself.
- Do not leave the tool running unattended.

Specific Operation Warnings

⚠WARNING

- Read and understand owner's manual before use.
- Do not exceed the tire's rated pressure.
- Always wear gloves. Some exposed parts may become hot during use.
- Use extreme caution when connecting the unit to a power source, as batteries can vent explosive gasses.
- Do not use the unit for pumping, compressing, or transferring any gas or liquid other than air. The unit is not designed for the sourcing of breathable air.
- Compressed air and particulate matter can cause eye and soft tissue damage. Keep air stream away from skin and eyes.
- Clean with a damp cloth only. Do not use chemicals or soap.
- Do not modify or attempt to repair the product. There are no serviceable parts inside the unit; do not disassemble.
- The compressor was permanently lubricated during assembly. Do not add oil or any other lubricant.
- Burn hazard. The unit will become hot during use. Use caution when touching the unit.
- Do not operate continuously for more than 10 minutes. If the unit gets hot, switch it off and

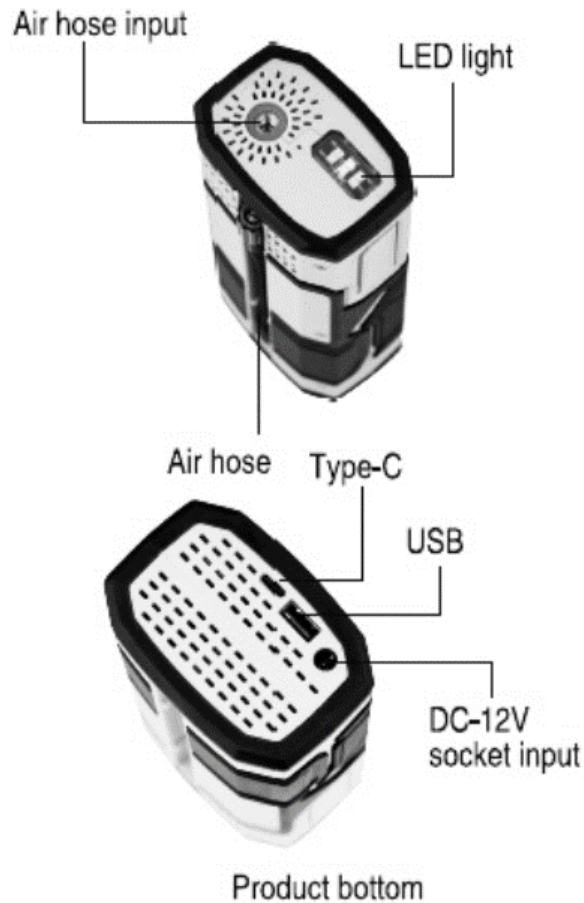
allow it to cool before continuing operation.

- Use a second tire pressure gauge to verify the tires are inflated to the proper pressure.

⚠WARNING

- **Forbidden disassembly battery**
The battery has a protection mechanism and a protection circuit inside to avoid danger. Improper removal will damage the protective function and will cause the battery to heat, smoke, deform or burning.
- **Forbidden battery short-circuit**
Do not connect the positive and negative terminals of the battery with metal, and do not store and move the battery with the metal sheet. If the battery is short-circuited, there will be a large current flowing through it, which will damage the battery, and cause the battery to heat, smoke, deform or burning.
- **Forbidden heat and incinerate battery**
Heat and incinerate battery will cause melting of battery insulation, loss of safety function or electrolyte combustion, overheat it will cause battery hot, smoke, deform or burning.
- **Avoid to use the battery near the heat source place**
Do not use the battery near the fire source, oven or the environment temperature over 80 degrees, it will cause battery internal short-circuit if overheat, and cause the battery hot, smoke, deform or burning.
- **Forbidden to make the battery wet**
It will cause loss of internal protection circuit and function of the product and abnormal chemical reaction, it may cause battery hot, smoke, deform or burning.
- **Avoid to charge the battery near fire source place or direct sunlight**
Please do not make the battery wet, no more throw it to the water, otherwise it will cause loss of internal protection circuit and function of the product and abnormal chemical reaction, it may cause battery hot, smoke, deform or burning.
- **It will be dangerous if use non-dedicated adaptor to charge the battery**
Charge the battery under abnormal conditions, it will cause loss of internal protection circuit and function of the product and abnormal chemical reaction, it may cause battery hot, smoke, deform or burning.
- **Forbidden to destroy battery**
Do not use metal to chisel into the battery, thump or beat the battery or use other methods to destroy the battery otherwise it will cause battery hot, smoke, deform or burning, and even dangerous.
- **Forbidden to weld directly on the battery body**
Overheat will cause melting of battery insulation, loss of safety function or electrolyte combustion, it will cause battery hot, smoke, deform or burning.
- **Forbidden to charge the battery directly to the electrical outlet or in the car**
The cigarette socket is charged at high voltage, and the high current will pass over the battery and damage it, or make the battery hot, smoke, deform or burning.
- **Do not use the battery for other devices.**
Not proper using of the battery will destroy the battery's property, reduce the life, cause the battery hot, smoke, deform and burning.
- **Do not touch the leak battery**
Leakage of electrolyte will cause skin discomfort, in case of electrolyte into the eyes, rinse with water as soon as possible, do not rub eyes, and quickly sent to the hospital for treatment.

Assembly Instructions



Before Each Use

⚠️WARNING

- Attention

Avoid using batteries in strong light exposure environments, to avoid hot, deform, burning, at least to avoid battery performance degradation and reduced life.

- Antistatic

There is a protection circuit in the battery to avoid various accidents, do not use the battery in places where static electricity is generated, because static electricity (more than 2200V) is easy to damage the protection board, resulting in abnormal battery work. hot, deform, smoke, or conflagration.

- Charge temperature range

The recommended charging temperature range is 0-40 degrees, charging environment beyond this range will lead to reduced battery performance and reduced life.4.Before using, please read carefully for the manual and read as often as you need.

Operating Instructions

General Operation.

1. Put one end of the air hose connection with the air inflator, and screw the other end into the tire valve core. For the French valve core, please tighten the conversion nozzle.
2. LCD screen intelligent air inflator, first long time press the "⊕" button to active the power supply and
3. LCD screen to set the pressure value, if no operation for a period, the device automatically sleeps, long time press to wake up.
4. Unit selection to press "R" button to choose PSI, BAR, KPA, KG/CM² in four mode.
5. "+" and "-" is pressure value increase and decrease button, "+" is increase pressure value, "-" is decrease the pressure value. set a suitable pressure value, blink for 5 seconds and then press the air inflator power switch "⊕" to start inflate.
6. Inflate the tire in the set value, it will automatically stop inflate.
7. SOS and LED light press "💡" button
8. After inflate the tire, pay attention to the air hose temperature, after cooling, put one end of the air hose quickly rotated out form the valve core, the other end rotated out from the product.
9. Charge time for the air inflator is 3-5 hours (depends on the USB charger power)
10. Power bank function: after turn off the product and keeps black screen, can use USB output to charge phone etc.
11. Ball etc. inflate instruction: please be careful when inflate the ball with the air needle: do not completely insert the air needle to the trachea, otherwise it will block the inflate port, it will cause can't inflate. The correct way should keep the air needle mouth and hose mouth flush.

After Each Use

Store the product in a dry location and out of children's reach.

Troubleshooting

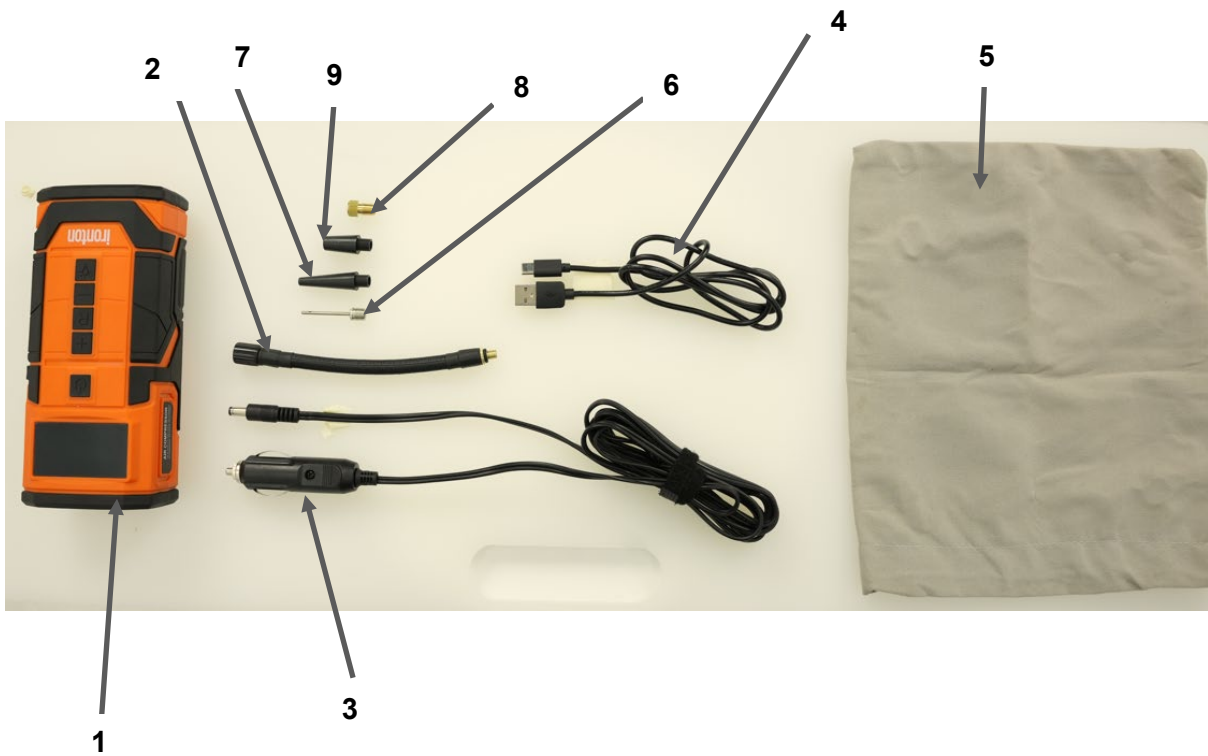
Use the table below to troubleshoot problems before contacting service personnel or your local dealer. If the problem continues after troubleshooting, call your local dealer for assistance

Failure	Possible Cause	Corrective Action
Product does not operate.	There's a poor connection between the plug and the socket.	<ol style="list-style-type: none"> 1. Gently turn the plug in the cigarette lighter socket until contact is made. 2. Check the plug and socket for obstructions.
	The power supply fuse is blown.	Check the cigarette lighter power supply fuse.
Product runs but does not inflate.	There's a poor connection in the valve.	Ensure the adaptor is pushed firmly into the valve before locking into the place.
	Air is leaking.	<ol style="list-style-type: none"> 1. Check the item for leaks. 2. Ensure the hose doesn't have a break or leak at the fitting.
Product runs too slowly.	Unit is overheating.	Disconnect the power and wait for the product to cool for approx. 10 min.
	Voltage is too low.	Check the condition of the vehicle battery.

Parts Diagram

Part List

1. Air Inflator
2. Air Hose
3. 12V DC Power Cable
4. USB Power Cable
5. Storage Pouch
6. Inflation Needle
7. Inflator Nozzle
8. All Brass Schrader Chuck
9. Presta Chuck



Replacement Parts

- For replacement parts and technical questions, please call Customer Service at **1-800-222-5381**.
- Not all product components are available for replacement. The illustrations provided are a convenient reference to the location and position of parts in the assembly sequence.
- When ordering parts, the following information will be required: item description, item model number, item serial number/item lot date code, and the replacement part reference number.
- The distributor reserves the rights to make design changes and improvements to product lines and manuals without notice.

Limited Warranty

Northern Tool and Equipment Company, Inc. ("We" or "Us") warrants to the original purchaser only ("You" or "Your") that the **Ironton** product purchased will be free from material defects in both materials and workmanship, normal wear and tear excepted, for a period of **one year** from date of purchase. The foregoing warranty is valid only if the installation and use of the product is strictly in accordance with product instructions. There are no other warranties, express or implied, including the warranty of merchantability or fitness for a particular purpose. If the product does not comply with this limited warranty, Your sole and exclusive remedy is that We will, at our sole option and within a commercially reasonable time, either replace the product or product component without charge to You or refund the purchase price (less shipping). This limited warranty is not transferable.

Limitations on the Warranty

This limited warranty does not cover: (a) normal wear and tear; (b) damage through abuse, neglect, misuse, or as a result of any accident or in any other manner; (c) damage from misapplication, overloading, or improper installation; (d) improper maintenance and repair; and (e) product alteration in any manner by anyone other than Us, with the sole exception of alterations made pursuant to product instructions and in a workmanlike manner.

Obligations of Purchaser

You must retain Your product purchase receipt to verify date of purchase and that You are the original purchaser. To make a warranty claim, contact Us at 1-800-222-5381, identify the product by make and model number, and follow the claim instructions that will be provided. The product and the purchase receipt must be provided to Us in order to process Your warranty claim. Any returned product that is replaced or refunded by Us becomes our property. You will be responsible for return shipping costs or costs related to Your return visit to a retail store.

Remedy Limits

Product replacement or a refund of the purchase price is Your sole remedy under this limited warranty or any other warranty related to the product. We shall not be liable for: service or labor charges or damage to Your property incurred in removing or replacing the product; any damages, including, without limitation, damages to tangible personal property or personal injury, related to Your improper use, installation, or maintenance of the product or product component; or any indirect, incidental or consequential damages of any kind for any reason.

Assumption of Risk

You acknowledge and agree that any use of the product for any purpose other than the specified use(s) stated in the product instructions is at Your own risk.

Governing Law

This limited warranty gives You specific legal rights, and You also may have other rights which vary from state to state. Some states do not allow limitations or exclusions on implied warranties or incidental or consequential damages, so the above limitations may not apply to You. This limited warranty is governed by the laws of the State of Minnesota, without regard to rules pertaining to conflicts of law. The state courts located in Dakota County, Minnesota shall have exclusive jurisdiction for any disputes relating to this warranty.

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