

Owner's Manual & Safety Instructions

Save This Manual Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures. Write the product's serial number in the back of the manual near the assembly diagram (or month and year of purchase if product has no number). Keep this manual and the receipt in a safe and dry place for future reference.

23b

PITTSBURGH®

12V PORTABLE TIRE INFLATOR WITH LED LIGHT



Visit our website at: <http://www.harborfreight.com>
Email our technical support at: productsupport@harborfreight.com

When unpacking, make sure that the product is intact and undamaged. If any parts are missing or broken, please call 1-888-866-5797 as soon as possible.

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No portion of this manual or any artwork contained herein may be reproduced in any shape or form without the express written consent of Harbor Freight Tools. Diagrams within this manual may not be drawn proportionally. Due to continuing improvements, actual product may differ slightly from the product described herein. Tools required for assembly and service may not be included.

⚠WARNING

Read this material before using this product. Failure to do so can result in serious injury. **SAVE THIS MANUAL.**

Specifications

Electrical Rating	12VDC
Maximum PSI	100
Duty Cycle	10 min runtime, 25 min cool down

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IMPORTANT SAFETY INFORMATION



WARNING Read all safety warnings and instructions.

Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.
Save all warnings and instructions for future reference.

The warnings, precautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

Use Precautions

1. **Do not overinflate objects! Check pressure continually while inflating.**
2. Do not remove panels or adjust internal components.
3. Replace fuse only with the fuse of same type and rating. Do not replace with any other object.
4. Wear ANSI-approved safety goggles during use.
5. Do not direct air stream at skin.
6. Do not operate for more than 10 minutes at a time. Allow to cool at least 25 minutes after use.
7. Do not use for longer than 10 minutes continuously at 40 PSI or greater.
8. Check vehicle manual to ensure the cigarette lighter receptacle is rated at 15 amps or greater. Do not use a socket extension or pigtail to operate this inflator.
9. Inflator head gets hot during operation. Do not touch it or allow children nearby during or immediately following operation.
10. This product is not a toy. Do not allow children to play with or near this item.
11. Use as intended only.
12. Inspect before every use; do not use if parts are loose or damaged.
13. Keep inflator well-ventilated. Do not cover inflator during use.
14. Disconnect cigarette lighter plug in when not in use.
15. Store idle equipment. When not in use, tools must be stored in a dry location to inhibit rust. Always lock up tools and keep out of reach of children.
16. Do not overreach. Keep proper footing and balance at all times. Do not reach over or across running machines or air hoses.
17. People with pacemakers should consult their physician(s) before use. Electromagnetic fields in close proximity to heart pacemaker could cause pacemaker interference or pacemaker failure.
18. Maintain product labels and nameplates. These carry important safety information. If unreadable or missing, contact Harbor Freight Tools for a replacement.

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Operating Instructions



Read the **ENTIRE IMPORTANT SAFETY INFORMATION** section at the beginning of this document including all text under subheadings therein before set up or use of this product.

WARNING! TO PREVENT SERIOUS

INJURY: Do not overinflate objects! Check pressure continually while inflating.

1. Put vehicle in park and set Emergency Brake. Turn vehicle key to "accessory" or to the "On" position.
2. Place the Portable Inflator outside of the vehicle.

WARNING! TO PREVENT SERIOUS INJURY: Due to the risk of carbon monoxide poisoning, do not run the vehicle's engine within an enclosed area.

NOTICE: Do not allow the Portable Inflator to continuously run for more than 10 minutes at a time. After 10 minutes, allow it to cool for 25 minutes, then resume inflation. Failure to do so may cause the unit to overheat and burn out.

3. Select desired accessory for object to be filled.
 - The Air Outlet has a universal tire adapter, so no adapter is needed to fill a standard tire.
 - To fill a standard athletic ball, thread on the Needle (10) accessory.
 - When using the unit as an air blower, thread on the Nozzle (11) accessory.

Note: If the tire is completely deflated, the tire seal may be broken. Use jack to lift the vehicle slightly before inflating the tire.

4. Be sure the valve stem is clean and free of dirt before connecting valve connector. Screw valve connector to the valve stem of the object to be inflated.

5. Plug the Cigarette Lighter Adaptor into the vehicle's cigarette lighter socket.

6. Turn on the Portable Inflator by pressing the ON/OFF button.

CAUTION! Inflator head gets hot during operation. Allow head to cool before handling.

7. Continue inflating until the recommended pressure is reached.

Note: To properly read the air pressure in tire, the inflator must be turned off.

Note: Do not overinflate tires. Refer to owners manual or on drivers-side door jam for correct tire pressure.

8. When finished, turn off the Portable Inflator by pressing the ON/OFF button.
9. Disconnect from socket in the vehicle.
10. Remove air outlet hose from item being inflated.
11. Allow the inflator to cool, then wipe external surfaces with a clean cloth.
12. Store the Accessories, Hose, and Cord/ Cigarette Plug in the recessed holder.
13. Store in a clean, dry, safe location out of the reach of children.

Maintenance and Servicing



Procedures not specifically explained in this manual must be performed only by a qualified technician.

WARNING

TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION:

Press ON/OFF button to turn “OFF” and disconnect the Power Cord/Cigarette Plug before performing any inspection, maintenance, or cleaning procedures.

TO PREVENT SERIOUS INJURY FROM INFLATOR FAILURE:

Do not use damaged equipment. If abnormal noise or vibration occurs, have the problem corrected before further use.

- BEFORE EACH USE**, inspect the general condition of the Inflator. Check for:
 - loose hardware,
 - misalignment or binding of parts,
 - cracked or broken parts,
 - damaged electrical wiring, and
 - any other condition that may affect its safe operation.
- AFTER USE**, wipe external surfaces of the Inflator with a clean cloth.
- Check that the cigarette plug is clean of dirt, grease, or debris.
- Make sure the universal outlet adapter is clean of dirt, grease, or debris.
- When servicing, use only identical replacement parts. Use of any other parts will void the warranty. Only use accessories intended for use with this tool. Approved accessories are available from Harbor Freight Tools.
- For your safety, maintenance should be performed regularly by a qualified technician.
- Replace fuse when required.
 - Unscrew tip of Cigarette Lighter Adaptor.
 - Remove Fuse.
 - Insert new Fuse and screw on tip of adaptor.

WARNING! TO PREVENT SERIOUS INJURY: To prevent fire, replace fuse only with the fuse of same type and rating. Do not replace with any other object.

Troubleshooting

Problem	Possible Causes	Likely Solutions
No Power	- Blown Fuse. - Vehicle Power Outlet amps too low. - Dirt/Debris in Cigarette Lighter Socket. - Poor Connection.	- Replace Fuse. - Check vehicle manual to ensure the cigarette lighter receptacle is rated at 15 amps or greater. - Remove dirt/debris with non-conductive probe. - Check that the Cigarette Lighter Adapter is completely inserted into the Cigarette Lighter Socket.
Power but does not inflate	- Not enough air pressure and/or air flow. - Tire/Object to be inflated has a leak.	- Check for loose connection. Valve connector must be tightly screwed onto valve stem. - Check for leaks. Repair Tire/Object to be inflated.
Decreased Output	- Inflator is too hot. - Voltage too low.	- Turn off Inflator. Allow it to cool for 25 minutes. - Check vehicle battery. Recharge if needed.



Follow all safety precautions whenever diagnosing or servicing the charger. Disconnect power supply before service.

Parts List and Diagram

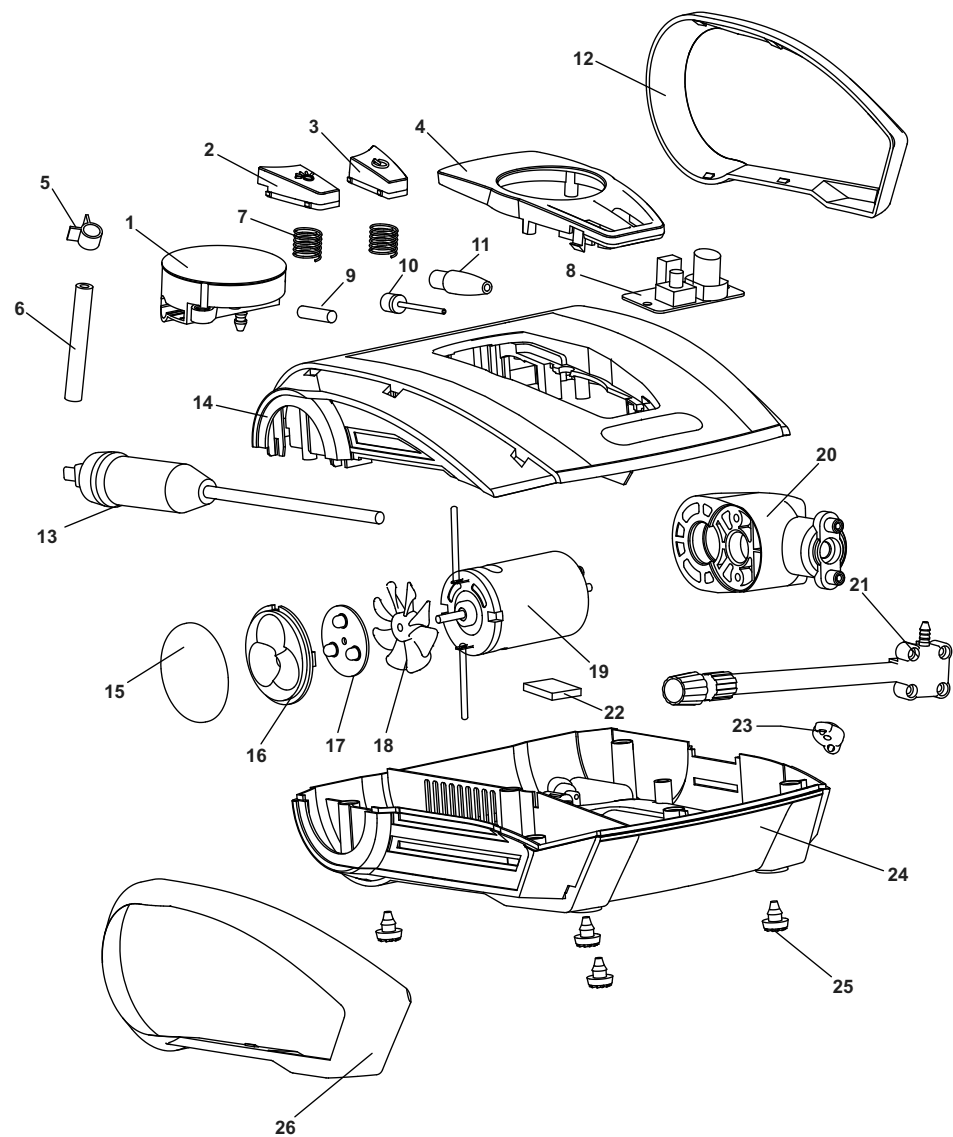
Part	Description	Qty
1	Gauge	1
2	Light Switch	1
3	Power Switch	1
4	Top Panel	1
5	Clamp	1
6	Small Air Hose	1
7	Spring	2
8	PCB	1
9	Fuse	1
10	Needle	1
11	Nozzle	1
12	Left Side Panel	1
13	12V Power Cord	1

Part	Description	Qty
14	Upper Panel	1
15	Lamp Shade	1
16	Lamp Bowl	1
17	LED	1
18	Fan Blade	1
19	Motor	1
20	Motor Bracket	1
21	Hose with Cylinder Head	1
22	Sponge Pad	1
23	Rubber Pad	1
24	Lower Panel	1
25	Foot Pad	4
26	Right Side Panel	1

PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST AND ASSEMBLY DIAGRAM IN THIS DOCUMENT AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

Assembly Diagram



Record Serial Number Here:

Note: If product has no serial number, record month and year of purchase instead.

Note: Some parts are listed and shown for illustration purposes only, and are not available individually as replacement parts. Specify UPC 193175502582 when ordering parts.

Limited 90 Day Warranty

Harbor Freight Tools Co. makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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