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› SKIL PWR CORE 12V Compact Tire Inflator IF5943-00 User Manual

Skil IF5943-00

SKIL PWR CORE 12V Compact Tire Inflator

MODEL: IF5943-00 USER MANUAL

1. Product Overview

The SKIL PWR CORE 12V Compact Tire Inflator (Model IF5943-00) is a portable, battery-powered device designed for inflating various items such as bicycle tires, car tires, and sports balls. It features a digital pressure gauge for precise inflation and an automatic shut-off function to prevent over-inflation. This unit is sold as a tool-only item; the PWR CORE 12 Lithium battery and charger are sold separately.



Figure 1: Front view of the SKIL PWR CORE 12V Compact Tire Inflator, showcasing its red and black design with the digital display and control buttons.

2. Setup

1. **Battery Installation:** Ensure the inflator is powered off. Align the PWR CORE 12 Lithium battery (sold separately) with the battery slot on the bottom of the inflator. Slide the battery into place until it clicks securely.

PWRCORE 12™

ONE BATTERY. MANY TOOLS.



**BATTERY AND CHARGER ARE SOLD SEPARATELY.
2.0AH BATTERY RECOMMENDED.**

Figure 2: The SKIL PWR CORE 12 Lithium battery, which powers the inflator (sold separately).

2. **Accessing Adapters:** The inflator includes on-board storage for various adapters. Locate the storage compartment on the side of the unit to access the Presta valve adapter, sports ball needle, and pinch valve adapter.



ON BOARD ADAPTER STORAGE

Figure 3: Rear view of the inflator highlighting the integrated storage compartment for various inflation adapters, ensuring they are always accessible.

3. Operating Instructions

1. **Power On:** Press the power button (U) to turn on the inflator. The digital display will illuminate.
2. **Set Desired Pressure:** Use the plus (+) and minus (-) buttons to adjust the target pressure (PSI). The inflator supports pressures up to 160 PSI.



HIGH PRESSURE MODE WITH AUTO SHUTOFF

Figure 4: A close-up of the inflator's digital screen, showing a target pressure of 32.0 PSI and a current pressure of 3.0 PSI, along with plus, minus, power, and play/pause buttons.

3. **Attach Hose:** Connect the inflator hose directly to the item's valve stem. For specialized items, select and attach the appropriate adapter from the on-board storage before connecting the hose.
4. **Start Inflation:** Press the play/pause button (▶||) to begin inflation. The inflator will automatically stop once the preset pressure is reached.



TIRE INFLATOR WITH GAUGE

Figure 5: The SKIL tire inflator actively inflating a bicycle tire, demonstrating its ease of use and compact form factor.

5. **Power Off:** After use, press the power button (⏻) to turn off the inflator. Disconnect the hose and store the adapters.

4. Maintenance

- **Cleaning:** Regularly wipe down the exterior of the inflator with a dry or slightly damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Hose and Adapter Care:** Inspect the inflation hose and adapters for any signs of wear or damage before each use. Ensure adapters are securely stored in their designated compartment to prevent loss.
- **Battery Storage:** When not in use for extended periods, remove the battery from the inflator and store it in a cool, dry place.

5. Troubleshooting

- **Inflator Not Turning On:**
 - Ensure the PWR CORE 12 battery is fully charged and properly inserted.

- Check for any debris in the battery terminal area.
- **Inflator Not Reaching Desired Pressure:**
 - Verify the hose connection to the valve stem is secure and not leaking air.
 - Confirm the correct adapter is being used for the item being inflated.
 - Check the battery charge level; a low battery may affect performance.
- **Inaccurate Pressure Reading:**
 - Ensure the inflator is on a stable surface and the hose is not kinked.
 - Compare the reading with a known accurate pressure gauge if available.

6. Specifications

Feature	Specification
Model Number	IF5943-00
Power Source	Battery Powered (PWR CORE 12V Lithium)
Maximum Pressure	160 PSI (11 Bars)
Operation Mode	Automatic
Hose Length	27 Inches
Item Weight	2.2 Pounds
Product Dimensions	5.63"L x 5.63"W x 7.88"H
Included Components	Inflator, Presta Valve Adapter, Sports Ball Needle, Pinch Valve Adapter

7. Warranty

The SKIL PWR CORE 12V Compact Tire Inflator (Model IF5943-00) comes with a 5-Year Limited Warranty. For detailed terms and conditions, please refer to the warranty information provided with your product packaging or visit the official Skil website.

8. Support

For further assistance, technical support, or to inquire about replacement parts, please contact Skil customer service. You can find contact information on the official Skil website or in your product documentation.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question