Michelin 12314

MICHELIN 12314 Programmable Superfast Digital Tyre Inflator

User Manual

Introduction

The MICHELIN 12314 Programmable Superfast 4x4/SUV Digital Tyre Inflator is designed for efficient and accurate tire inflation, particularly suited for larger vehicles such as 4x4s and SUVs. This direct drive inflator offers ease of use with its digital display and pre-set pressure function, ensuring quick and precise inflation. It includes additional features like an integrated LED light for night use and a three-piece adaptor set for various inflatables.

Product Features

- Powerful inflation suitable for 4x4s, SUVs, mini vans, mini trucks, and all cars.
- Inflates a 13-inch tire from flat to 35 PSI in under 2 minutes.
- 85cm inflation hose for convenient reach.
- Simple setup and operation: powers from a 12V in-car socket.
- Automatic shut-off feature once the pre-set pressure is reached.
- Long power cable to easily reach all tires around the vehicle.
- Includes a storage case for tidy organization.
- Comes with a three-piece adaptor set for small inflatables and bikes.
- Integrated bleed valve to release excess air from the tire.
- Built-in LED light for enhanced visibility during night-time use.
- Also suitable for inflating sports balls, toys, and other inflatable items.

Package Contents

Please ensure all items are present before use:

- MICHELIN 12314 Digital Tyre Inflator Unit
- 3-Piece Adaptor Set (for balls, small inflatables, etc.)

- Storage Case



Image: The Michelin 12314 Digital Tyre Inflator unit, showing the main device, air hose, power cable, storage bag, and the three-piece adaptor set.



Image: A close-up view of the three-piece adaptor set, including a needle adaptor for balls, a tapered adaptor for small inflatables, and a threaded adaptor, connected to the inflator's hose.

Setup

1. **Power Connection:** Locate your vehicle's 12V power outlet socket (cigarette lighter socket). Insert the inflator's power plug firmly into the socket.
2. **Hose Connection:** Ensure the air hose is securely attached to the inflator unit.
3. **Tire Valve Connection:** Remove the dust cap from the tire valve. Firmly screw the inflator's hose connector onto the tire valve stem until it is secure and no air leaks are heard.
4. **Adaptor Use (if applicable):** For inflating items other than vehicle tires (e.g., sports balls, air mattresses), select the appropriate adaptor from the three-piece set. Screw or push the adaptor onto the end of the inflator's hose, then connect it to the item's valve.



Image: A person kneeling beside a car tire, connecting the Michelin 12314 Digital Tyre Inflator's hose to the tire valve, demonstrating the setup process.

Operating Instructions

1. **Power On:** Once connected to the 12V power source and the tire/item, the digital display should illuminate.
2. **Select Pressure Unit:** Use the unit selection button (if available) to cycle through PSI, KPA, or BAR, choosing your desired measurement unit.
3. **Set Desired Pressure:** Use the '+' and '-' buttons to set the target pressure. Refer to your vehicle's owner's manual or the tire's sidewall for recommended tire pressure.
4. **Start Inflation:** Press the power/start button to begin inflation. The inflator will automatically stop once the pre-set pressure is reached.
5. **Monitor Progress:** The backlit LED screen displays the current pressure as it inflates.
6. **Using the LED Light:** If inflating in low-light conditions, activate the integrated LED light for better visibility.
7. **Using the Bleed Valve:** If you over-inflate, use the bleed valve (typically a small button or lever near the hose connector) to release air until the desired pressure is achieved.
8. **Disconnect:** Once inflation is complete and the unit has stopped, disconnect the hose from the tire valve and replace the dust cap. Unplug the inflator from the 12V power outlet.

Maintenance

- **Cleaning:** Wipe the inflator unit with a damp cloth to remove dirt and dust. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** After each use, ensure the unit is clean and dry. Store the inflator and its accessories in the provided storage case in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Hose and Cable Inspection:** Periodically inspect the air hose and power cable for any signs of wear, cracks, or damage. Do not use the unit if any damage is found.



Image: The black fabric storage case for the Michelin 12314 Digital Tyre Inflator, designed for neat and protected storage of the unit and its accessories.

Troubleshooting

- **Unit Does Not Power On:**
  - Ensure the 12V power plug is fully inserted into the vehicle's socket.
  - Check the vehicle's 12V power outlet for power (e.g., by plugging in another device).
  - Inspect the inflator's power cable for any visible damage.
- **Inflator Runs But Does Not Inflate:**
  - Ensure the air hose is securely connected to both the inflator and the tire valve.
  - Check for any kinks or blockages in the air hose.
  - Verify that the tire valve is not obstructed or damaged.
- **Inaccurate Pressure Readings:**
  - Ensure the hose connection to the tire valve is tight and there are no air leaks.
  - Compare the reading with a known accurate tire pressure gauge if available.
- **Unit Overheats:**
  - Allow the unit to cool down for at least 10-15 minutes before resuming operation.
  - Avoid continuous operation for extended periods; follow recommended duty cycles if specified in packaging.

Specifications

Specification	Detail
Brand	Michelin

Model Number	12314
Product Dimensions	30.4 x 17.9 x 12.2 cm
Item Weight	3 Kilograms
Material	Plastic
Power Source	12V DC (in-car socket)
Inflation Time (13" tire, 0-35 PSI)	Under 2 minutes
Hose Length	85 cm
Display	Backlit LED Digital
Pressure Units	PSI, KPA, BAR
Manufacturer	ML Direct Limited

Warranty and Support

For warranty information, product registration, or technical support, please refer to the documentation included with your purchase or visit the official Michelin automotive accessories website. Keep your proof of purchase for any warranty claims.

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