

## Slime 40052

# Slime 40052 Tire Inflator User Manual

Model: 40052 | Brand: Slime

## INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation and maintenance of your Slime 40052 Dual Power Tire Inflator. This powerful and compact device is designed for inflating tires and other inflatables, offering versatility with both 12V car and 120V home power options. It features Inflate Right Technology for automatic shut-off and an easy-to-read digital display.

Key features include:

- **Dual Power Capability:** Operates from both 12V car outlets and 120V home outlets.
- **Inflate Right Technology:** Automatically shuts off when the preset pressure is reached.
- **Digital Display:** Easy-to-read backlit display showing pressure from 0-99 psi.
- **Integrated Cord & Hose Management:** Compact and durable design for easy storage.
- **Multi-Purpose Adapters:** Includes adapters for rafts, balls, and other inflatables.
- **Quick Inflation:** Inflates a standard car tire from flat to full in approximately 6 minutes.
- **Wall Mounting Brackets:** For convenient garage wall storage.



Figure 1: Front view of the Slime 40052 Tire Inflator, showcasing its compact design and digital display.

## SETUP

Before first use, ensure all components are present and undamaged. The Slime 40052 is designed for easy setup and storage.

### Power Connection

The inflator supports two power sources:

1. **12V Car Outlet:** Locate the 12V power cord integrated into the unit. Plug it into your vehicle's 12V accessory outlet (cigarette lighter socket).
2. **120V Home Outlet:** Locate the 120V AC power cord integrated into the unit. Plug it into a standard home wall outlet.

An easy on/off toggle switch allows quick selection between home and auto power modes.



**EASY READ  
DIGITAL DISPLAY**

**QUICK GRAB  
HANDLE**



**INFLATE RIGHT™  
TECHNOLOGY**  
AUTO SHUT-OFF  
AT SET PRESSURE



**INTEGRATED CORD  
MANAGEMENT**



**AIR ADAPTERS**

**12V POWER  
FOR YOUR CAR**

**120V POWER  
FOR YOUR HOME**

**TWIST-TO-CONNECT  
HIGH PRESSURE AIR HOSE**

<b>TIRE INFLATION TIME</b>	6 minutes*
<b>CFM</b>	0.58 CFM (16.42 LPM) @ 0 PSI/BAR
<b>PSI RANGE</b>	0-99 PSI (0-7 BAR)
<b>TOTAL REACH 12V</b>	12.3 feet (3.7 meters)
<b>TOTAL REACH 120V</b>	8 feet (2.4 meters)

\*0-35 PSI, Standard Tire: P195/65R15



**INFLATABLES**

**BALLS**

Figure 2: Rear view of the inflator, illustrating the integrated 12V and 120V power cords for convenient storage and access.

## Cord and Hose Management



The unit features integrated storage for both the power cords and the high-pressure air hose, ensuring a compact and tidy setup. Wrap the cords and hose securely into their designated compartments on the unit.



Figure 3: Side view highlighting the integrated cord and hose management system, along with the storage for air adapters.

## Wall Mounting (Optional)

For convenient storage in a garage or workshop, the inflator includes built-in wall mounting brackets. Use appropriate screws and anchors (included) to secure the unit to a wall.

## OPERATING INSTRUCTIONS

Follow these steps to inflate tires or other items using your Slime 40052 Tire Inflator.

## Inflating Vehicle Tires

1. **Connect Power:** Plug the inflator into either a 12V car outlet or a 120V home outlet, depending on your preference and location.
2. **Access Valve Stem:** Remove the valve stem cap from the tire.
3. **Attach Air Hose:** Securely twist the high-pressure air hose onto the tire's valve stem. Ensure a tight connection to prevent air leakage.
4. **Set Desired Pressure:** Turn on the inflator. The digital display will show the current tire pressure. Use the '+' and '-' buttons to set your desired target pressure (0-99 psi).
5. **Start Inflation:** The inflator will automatically begin inflating. Thanks to Inflate Right Technology, it will automatically shut off once the set pressure is reached.
6. **Disconnect:** Once inflation is complete and the unit has shut off, carefully disconnect the air hose from the valve stem and replace the valve stem cap.





Figure 4: The Slime 40052 Tire Inflator in use, demonstrating its ability to inflate a standard car tire from flat to full in approximately 6 minutes.



Figure 5: Illustration of the inflator's dual power functionality, suitable for both car (12V) and home (120V) use.



**INFLATE  
RIGHT™**  
**TECHNOLOGY**  
**AUTO SHUT-OFF AT  
SET PRESSURE**



**EASY  
READ**  
**DIGITAL DISPLAY**



Figure 6: Close-up of the digital display and the "Inflate Right" technology icon, indicating automatic shut-off at the set pressure.

## Inflating Other Items (Rafts, Balls, etc.)

The inflator comes with multiple air adapters for various inflatables:

- **Needle Adapter:** For sports balls.
- **Plastic Cone Adapter:** For larger inflatables like rafts or air mattresses.

1. **Select Adapter:** Choose the appropriate adapter for your item.
2. **Attach Adapter:** Insert the chosen adapter into the end of the air hose.
3. **Connect to Item:** Insert the adapter into the item's inflation port.
4. **Inflate:** Turn on the inflator. Monitor the inflation process as these items typically do not have pressure gauges. Stop inflation when the item is firm to the touch or reaches its recommended inflation level.
5. **Disconnect:** Remove the adapter and secure the item's inflation port.

## MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Slime 40052 Tire Inflator.

- **Cleaning:** Wipe the exterior of the unit with a damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the unit is unplugged before cleaning.
- **Storage:** Store the inflator in a cool, dry place, away from direct sunlight and extreme temperatures. Utilize the integrated cord and hose management to keep everything neatly organized.
- **Hose and Cord Inspection:** Periodically inspect the air hose and power cords for any signs of wear, cracks, or damage. If damage is found, discontinue use and contact customer support.
- **Air Filter (if applicable):** Some inflators may have an air filter. Refer to the product packaging or manufacturer's website for specific instructions on cleaning or replacing the air filter, if present.

## TROUBLESHOOTING

If you encounter issues with your Slime 40052 Tire Inflator, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Inflator does not turn on.	No power supply; loose connection; blown fuse (12V).	Ensure power cord is securely plugged in. Check vehicle's 12V outlet fuse or home outlet circuit breaker. Try a different power source.
Inflator runs but does not inflate or inflates slowly.	Air hose not securely attached; valve stem cap not removed; leak in hose/connection; item valve blocked.	Ensure air hose is tightly twisted onto valve stem. Remove valve stem cap. Check hose and connections for leaks. Clear any obstructions in the item's valve.
Inaccurate pressure reading.	Sensor calibration issue; external factors (temperature).	Ensure the inflator is on a stable surface. Compare reading with a known accurate pressure gauge. If discrepancies persist, contact customer support.
Unit overheats and shuts off.	Prolonged continuous use.	Allow the unit to cool down for at least 10-15 minutes before resuming operation. Avoid continuous operation for extended periods.

If the problem persists after attempting these solutions, please contact Slime customer support for further assistance.

## SPECIFICATIONS

Feature	Detail
Brand	Slime
Model Name	Tire Inflator, Portable Car and Home Plug, SUV, 4x4 Air Compressor, Inflate Right automatic shut off
Model Number	40052
Voltage	12 Volts (DC) / 120 Volts (AC)
Power Source	Corded Electric
Recommended Uses	Tire Inflation



Feature	Detail
Special Feature	Automatic Shut-Off
Maximum Operating Pressure	99 Pound per Square Inch (psi)
Included Components	Inflator, air accessories
Item Weight	4.73 Pounds
Color	Black
Material	Plastic
Product Dimensions	9.1 x 6.18 x 6.42 inches

## WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your Slime 40052 Tire Inflator, please contact Slime customer service directly. You can find more information and contact details on the official Slime website or through their Amazon brand store.

Visit the official Slime Store:[Slime Store on Amazon](#)