



1:15
MIN
QUICK
INFLATION



35.0
PRESSURE
PRE-SET



QUICK RELEASE
CONNECTOR



+/- 1 PSI
ACCURACY



27366 12V DC RAPID DIGITAL TIRE INFLATOR USER GUIDE

27366UG
11/25

THANK YOU FOR PURCHASING THE MICHELIN 12V DC RAPID DIGITAL TIRE INFLATOR

Michelin's new range of tire inflators is built around a new generation of high-efficiency motors, designed to deliver faster inflation with reduced power consumption. Paired with the advanced Quick Release Valve (QRV), this system allows for smoother connection and removal with minimal air loss—making tire inflation quicker and more precise than ever before.

Please read the operating instructions carefully before using your inflator. Improper use can cause damage to property and possibly harm the user. When using the inflator ensure the vehicle is parked in a safe location, off the road, with the vehicle handbrake on and where your personal safety is not at risk.



WARNING!

- Never allow children to use this inflator.
- Never overinflate.
- Always use in a safe area away from traffic and other dangers.



Use only on vehicles with a negative-earth (negative-ground) electrical system — this means the battery's negative terminal is connected to the vehicle body, as in most modern cars.

- This inflator can inflate vehicle tires up to 50 PSI (**DO NOT** inflate space saver tires) and bicycle tires up to 120 PSI. Higher pressures can be achieved in bicycle tires due to their smaller air volumes compared to vehicle tires.
- Low pressure items such as sports balls and small inflatable toys must **ONLY** be inflated using the adapters provided.

Max power requirement during normal use: 10 AMPS/168 WATTS.



WARNING! COMPRESSED AIR CAN BE DANGEROUS

- The inflator should not be used by anyone unfamiliar or inexperienced with its use. Use with caution around children. The inflator is neither safe nor intended for use by children.
- Never leave unattended when running.
- Never overinflate.
- Always use in a safe area away from traffic and other dangers.

Never run for more than 10 minutes. After each 10 minute run allow inflator to cool down for 15 minutes.



WARNING! ENSURE CORRECT TIRE PRESSURES

- Correct tire pressure is vital for road safety.
- Under or overinflated tires can be dangerous.
- Always ensure that regular weekly checks are carried out to the vehicle manufacturer's recommended pressures including the spare, but excluding space saver tires. Always check before a long journey or after loading or unloading the vehicle.
- Always check pressures in an ambient temperature, never immediately after a long journey.
- Tire pressures should be checked when the tires are "cold". Cold means that the tires have not run for at least three hours or have been driven less than 1 mile at moderate speed.

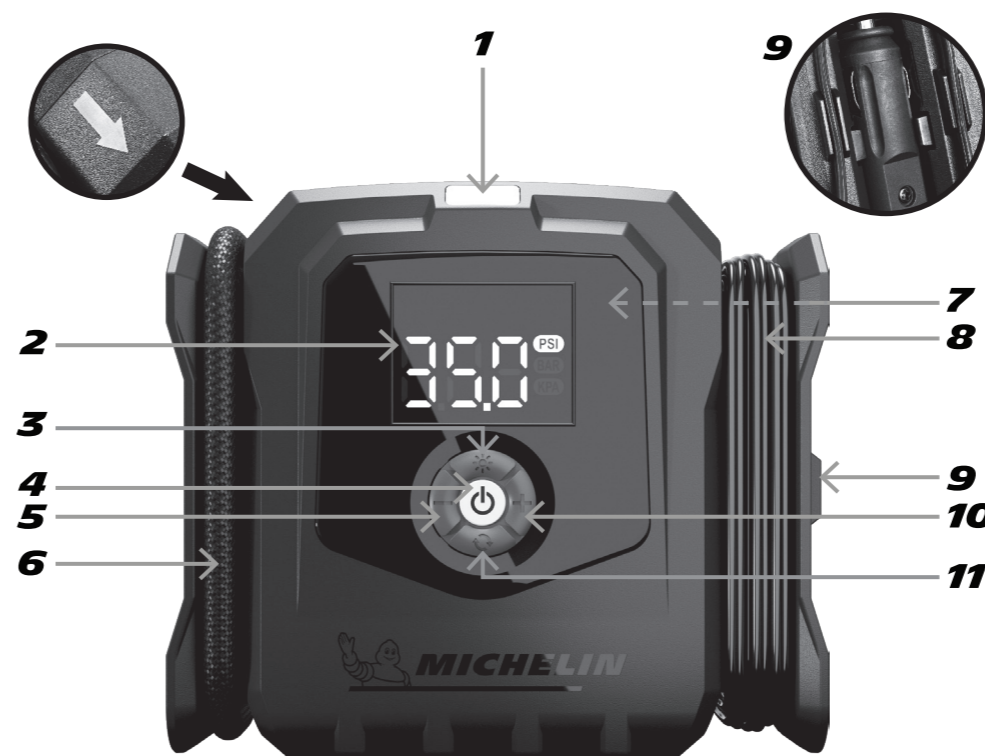


CAUTION

- Inspect the tire inflator before each use.
- The cigarette lighter power outlet should be dust and debris-free or overheating may result.
- If your 12V power outlet has a fuse rated at 10A or less, the wiring in your vehicle will not support this product.
- To reduce the risk of electric shock, do not expose the inflator to water or other liquids. Do not place or store where it can get wet, fall or be knocked into water.
- Do not leave the device unattended whilst connected to 12V DC socket.
- Do not kink or block the air hose while the inflator is in operation.
- Do not use the inflator if cracked, broken, melted, burnt, wet or any of the components are damaged.
- Only use the adapters supplied with the inflator.
- The inflator contains no user serviceable parts - **DO NOT OPEN.**

12V DC RAPID DIGITAL TIRE INFLATOR

OPERATING FEATURES



1. SMD LED flashlight
2. White LED display
3. SMD LED flashlight On/Off
4. Inflation On/Off button
5. Pre-set adjustment '+' decrease pressure
6. 23.6 inch high-pressure air hose with quick release valve connector
7. Adapters (snap-in storage). Located on rear
8. 9.8 foot power cord
9. Power cord cable clips
10. Pre-set adjustment '+' increase pressure
11. MODE button - PSI, BAR, kPa

SPECIFICATIONS

Max pressure:	50 PSI for vehicle tires, 120 PSI for bicycle tires
Pressure accuracy:	+/- 1PSI up to 50 PSI, +/- 2 PSI 51 to 100 PSI, +/- 3 PSI 101 to 120 PSI
Pressure resolution:	PSI/BAR/kPa
Max current:	14A /168W
Fuse size:	15A glass
Hose length:	23.6 inch (approx.)
Power cord:	9.8 foot (approx.)
Running time:	10 mins
Dims:	7.0 x 2.36 x 6.3 inches
Weight:	1.98 lbs

CONNECTING THE HIGH-PRESSURE HOSE

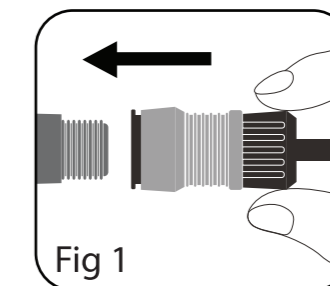


Fig 1

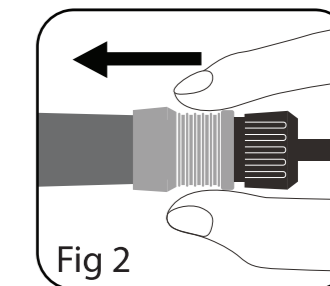


Fig 2

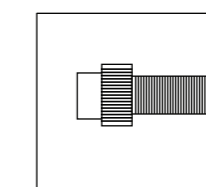
Schrader Valve

Inflation: the quick release valve can be directly connected to the Schrader Valve by holding the quick release connector at its base (fig 1) and pushing the connector firmly onto the valve. While still pushing forward slide your thumb and forefinger down into the gray collar and continue pushing until the collar stops moving forward (fig 2). A successful connection will result with no air escaping (hissing) from the valve. If a hiss occurs remove the connector by holding the gray collar and pulling it back and try again.

ADAPTERS

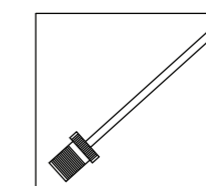
Included with your MICHELIN 12V DC Rapid Digital Tire Inflator, on the back of the unit, is a snap-in storage compartment containing various adapters to enable you to inflate other items.

To avoid over inflation, always follow the manufacturer's instructions on the items to be inflated.



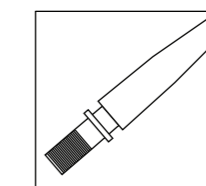
Presta Valve Adapter

Inflation: Screw the Presta Valve adapter onto the cycle tire valve stem, then holding the quick release connector at its base (fig 1) push the connector forward. While still pushing forward, slide your thumb and forefinger down into the gray collar and continue pushing until the collar stops moving forward (fig 2). A successful connection will result with no air escaping (hiss) from the adapter. If a hiss occurs remove the connector by holding the gray collar and pulling it back and try again.



Needle Adapter

To inflate footballs and other balls use the needle adapter. To connect the needle adapter to the quick release valve connector push and hold the needle adapter into the hole of the connector with one hand while holding quick release connector at its base (fig 1) push the connector forward. While still pushing forward, slide your thumb and forefinger down into the gray collar and continue pushing until the collar stops moving forward (fig 2). The needle valve is now locked into the connector. To remove the needle valve hold it with one hand and pull the gray collar back with the other hand.



Small Toy Inflator adapter

Small inflatable toys use the small toy inflator adapter. To connect the adapter to the quick release valve connector push and hold the adapter into the hole of the connector with one hand while holding the quick release connector at its base (fig 1) push the connector forward. While still pushing forward, slide your thumb and forefinger down into the gray collar and continue pushing until the collar stops moving forward (fig 2). The adapter is now locked into the connector. To remove it hold it with one hand and pull the gray collar back with the other hand.

ADVANCED INFLATION TECHNOLOGY

This Michelin inflator is equipped with intelligent features designed to make tire inflation quicker, easier and more accurate. From real-time pressure updates to automatic shut-off and precision monitoring, each function is built to take the guesswork out of tire care and give you complete confidence every time you inflate.

REAL-TIME PRESSURE

Displays live tire pressure throughout inflation, keeping you informed at every stage.

PRESSURE PRE-SET

Set your desired pressure before starting. The inflator will automatically stop when the target is reached.

PRESSURE GUARD

Monitors and maintains pressure during inflation, with accuracy to within ±1 PSI.

TIRE INFLATION

- Unwind the power cord (8) completely and plug into your vehicle's 12V power outlet socket (some vehicles may require the ignition to be on to supply power). Wait a few seconds until digital display shows zero.
- Press the MODE button (11) on the control pad to scroll through the pressure formats: PSI, BAR & kPa.
- Uncoil the high-pressure hose and connect the quick release valve connector onto the tire valve. **Note: Always connect the 12V power supply before connecting the high-pressure hose to the tire valve.** Check the tire pressure shown on the display. If the display appears to read incorrectly then refer to the Trouble Shooting Guide. When connected correctly the display will show the current pressure in the tire. If this is the pressure as stated in your vehicle's handbook, you can simply remove the quick release valve connector.
- If the tire is below the recommended pressure (as specified in your vehicle handbook), press the **+** button on the control pad to set the correct tire pressure. A single press will increase the pressure by 1 PSI. Holding the button down rapidly increases the pressure. The display will flash twice to confirm the new setting. If there is no operation for 3 seconds the display will return to the current tire pressure. You have now pre-set the tire pressure ready to inflate your tire.

Note: This inflator has a built in memory and will default to the last pressure format and tire pressure setting. To change the pressure format follow step 2 above. To change the pre-set tire pressure use the **+** or **-** buttons (5/10).

- If the tire is above the recommended pressure remove the quick release valve connector from the tire valve and release some air from the tire. Follow step 4 to inflate the tire to the correct pressure.
- Press the inflation On/Off button (4) to turn the inflator on. The inflator will now inflate your tire to the pre-set pressure and switch off automatically. The inflator can also be stopped manually during inflation by pressing the inflation On/Off button.
- Remove the quick release valve connector from the tire valve.
- If you are inflating multiple tires then follow the procedure stated from 4 to 7. If the 12V power supply is disconnected then always reconnect the 12V power supply before connecting the high pressure hose to the tire valve. Check your tire pressures – Remember to adjust the pre-set if front and rear tire pressures differ.

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WARNING!

The air pressure of balloons, toy balls, swimming rings and other inflatables are lower than the pressure range of this inflator, it cannot automatically stop with the pre-set activated, user attention is advised.

AFTER INFLATION

Once you've finished inflating your tires, store the air hose back into the inflator. An arrow on the angled face above the hose storage area indicates the correct direction to wind the hose back. Rewind the power cord. If there is any excess, use the two cable clips (9) located either side of the 12V accessory plug storage to secure it neatly in place.

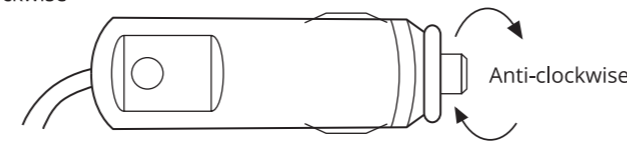
SMD FLASH LIGHT

This Michelin inflator features a bright, energy-efficient SMD LED flashlight (1) for improved visibility during night time or low-light use. The flashlight can only be turned on when the inflator is plugged into the cigarette lighter power outlet and power is reaching the unit. Press the flashlight icon button (3) once on the control pad to turn the light on, press again and the flashlight will flash, press again to turn it off.

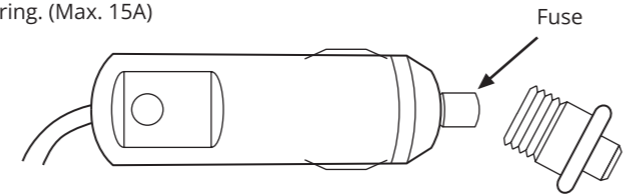
12V POWER PLUG

TO REPLACE FUSE IN 12V PLUG

Undo knurled ring anti-clockwise



Replace fuse and knurled ring. (Max. 15A)



PRESSURE CONVERSION CHART

PSI	BAR	kPa
10	0.7	69
20	1.4	138
30	2.1	207
40	2.8	276
50	3.5	345
60	4.1	414
70	4.8	483
80	5.5	552
90	6.2	621
100	6.9	690
110	7.6	759
120	8.3	828

5.

TROUBLE SHOOTING

Screen does not illuminate Inflator does not start	<ul style="list-style-type: none"> Check the 12V plug is fully inserted into 12V socket. Check internal plug fuse (15amp glass type). Your car may require the ignition key to be turned to the accessory position. Check whether the current tire pressure is higher than the pre-set value. If the problem persists please contact the customer support number below.
Inflator fails to stop at pre-set	<ul style="list-style-type: none"> Check you are following the setting instructions correctly. Check that you have set the correct pre-set pressure.
Power lead/plug becomes hot	<ul style="list-style-type: none"> If power lead is coiled, uncoil to full length. Ensure 12V socket is clean with no debris in it. Ensure 12V plug components are tight and clean.
Display appears to read incorrectly or is unreadable	<ul style="list-style-type: none"> Disconnect the quick release valve connector from the tire and remove the 12V plug from the power source for 5 minutes, reconnect to power and tire. If the problem persists please contact the customer support number below.
Inflator is running but tire/inflated item is not inflating	<ul style="list-style-type: none"> Check that the quick release valve connector or adapters are fitted correctly. Is the air hose leaking? Is the tire or other inflated item leaking?
Screen displays OL	<ul style="list-style-type: none"> OL indicates the air pump is overloaded. Reduce the tire pressure and restart the inflator.
Screen does not display tire pressure when tire valve is connected	<ul style="list-style-type: none"> Ensure that the quick release valve connector is correctly fitted to tire valve.
Abnormal pressure reading when the inflator is turned on without anything connected	<ul style="list-style-type: none"> Press and hold the + and - buttons simultaneously for 3 seconds to reset the current pressure value to zero.
For all other issues please call customer support: +1(800) 403-0471	

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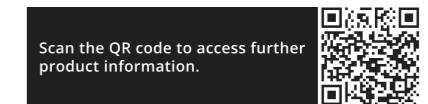
OTHER MICHELIN PRODUCTS AVAILABLE



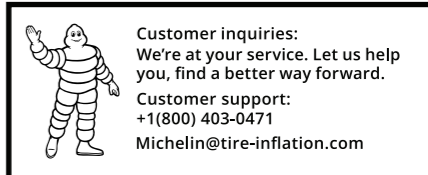
HEAVY DUTY
INFLATORS



TIRE PRESSURE
GAUGES



Scan the QR code to access further product information.



Customer inquiries:
We're at your service. Let us help you, find a better way forward.
Customer support:
+1(800) 403-0471
Michelin@tire-inflation.com

PLEASE RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE



One (1) year Limited Warranty



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