

EVOLUTION OF AIR CONTROL



ENGLISH

GATOR INFLATOR MID DIGITAL

User Manual

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1. NOTES ON THIS OPERATING MANUAL

Please read the following instructions carefully before using the device. Trouble-free and safe operation of the GATOR INFLATOR MID DIGITAL can only be guaranteed if the instructions, notes, and safety regulations mentioned here are observed.

2. INTENDED USE

The GATOR INFLATOR MID DIGITAL tire inflator is a measuring device and is intended exclusively for checking tire pressure and for inflating and deflating tires with condensate-free compressed air or nitrogen.

The device may only be operated on a proper compressed air network that is approved for a maximum operating pressure of 16 bar and is equipped with a safety valve. Any other use or use beyond this is considered improper.

Correct operating parameters:

Please note the following requirements for the operating environment and infrastructure:

- Maximum working pressure of 16 bar,
- Filling medium only air or nitrogen,
- No oxygen or other combustible gases as filling medium,
- Temperature range from -10°C to +40°C.

→ Any use outside of this purpose, as well as modifications to the product, are considered improper use.

! This device may only be used for the above-mentioned purpose for which it was specifically designed. Any use other than that specified is considered improper. The manufacturer/supplier accepts no liability for improper use! The risk lies solely with the user.

3. HAZARD WARNINGS

Potential hazards associated with the use of the product and risks to the user or third parties:

This product can be dangerous if used improperly. Incorrect operation can cause the tire to explode! Compressed air can cause serious injury to the skin and eyes.

Only use the GATOR INFLATOR MID DIGITAL device when it is correctly connected. Always point the valve adapter away from yourself.

Special hazard areas:

There are areas on and around the GATOR INFLATOR MID DIGITAL device that pose an increased risk to your safety or the safety of others. Please note the following danger areas:

- Compressed air escapes from the valve adapter.
- Compressed air may escape from the quick coupling.
- A loud bang may occur when connecting or disconnecting the quick coupling without depressurizing it first.

4. SAFETY INSTRUCTIONS

The user should familiarize themselves with the function and operation of the GATOR INFLATOR MID DIGITAL device.

Caution: Children must not operate this device!

- Never point the device at yourself, other people, or animals!
- Remove unauthorized persons from the danger areas!
- Do not leave the device lying around; always hang it up by the hanging loop.

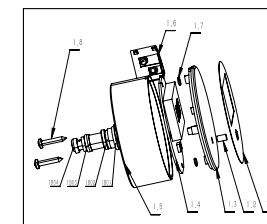
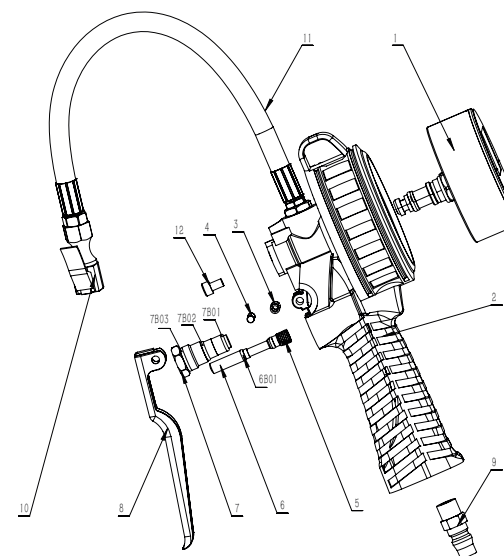
5. APPLICABLE DOCUMENTS & REGULATIONS

Other documents apply in conjunction with this operating manual. It is essential that you observe all instructions for supplementary parts and components.

When handling and performing all service work, please continue to observe the following:

- die anerkannten fachtechnischen Regeln für sicherheits- und fachgerechtes Arbeiten,
- the recognized technical rules for safe and professional work,
- the legal regulations for accident prevention,
- the legal regulations for environmental protection,
- the provisions of the employers' liability insurance association,
- the regulations applicable in other countries,
- the specifications relevant to the state of the art.

6. COMPONENTS



No.	NAME	QTY
1	Range Assembly	1
2	Main body	1
3	Gasket Ø13	2
4	Level Pin	1
5	Spring	1
6	Valve Assembly	1
7B01	O-Ring 10*1.5	2
7B02	O-Ring 7.5*1.5	1
7B03	O-Ring 12*2.5	1
8	Lever	1
9	Quick-coupling	1
10	Airlock M10	1
11	Mount Assembly	1
12	Hex. screw M4*9	1
1.1	Power Switch	1
1.2	Mount Bracket	1
1.3	Frame Cover	1
1.4	O-Ring 10*1.5	1
1.5	High Pressure Switch	1
1.6	Mount Cover	1
1.7	O-Ring 10*1.5	2
1.8	Screw Ø3.5*14	2
1.9	O-Ring 13*2.5	1
1.10	O-Ring 10*1.5	1
1.11	O-Ring 10*1.5	1
1.12	O-Ring 10*1.5	1

7. COMMISSIONING AND OPERATION

7.1 Commissioning

Carefully unpack the GATOR INFLATOR MID DIGITAL and ensure that no packaging residue gets into the device. Inserting and replacing the battery: see Chapter 8 "Maintenance and servicing."

Attention: If necessary, the safety strips on the batteries must be removed before initial use.

7.2 Switch on

Always turn on the device in a depressurized state. Press the LIGHT/ON button to turn on the GATOR INFLATOR MID DIGITAL. The device will automatically turn off after 90 seconds of non-use.

7.3 Backlighting

When the GATOR INFLATOR MID DIGITAL is switched on, press the LIGHT/ON button to switch on the backlight, making it easier to read the air pressure in poor lighting conditions. The backlight switches off automatically after 5 seconds. The backlight is not activated when the inflator is switched on, but only by pressing the LIGHT/ON button.

7.4 Operation

The device is operated using the control lever.

Fundamentals:

- Attach the valve adapter to the tire valve.
- To do this, turn the valve adapter clockwise by about half a turn.
- To inflate, press the control lever all the way down.
- To deflate, press the control lever only halfway down.

Check pressure:

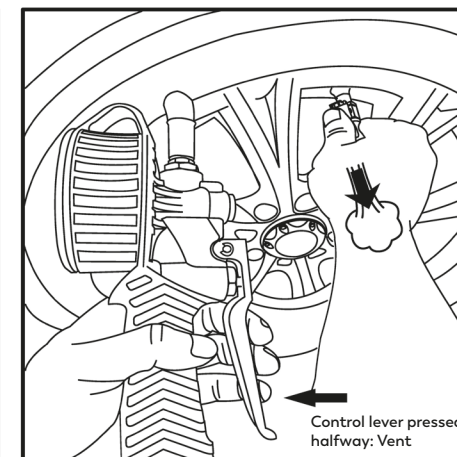
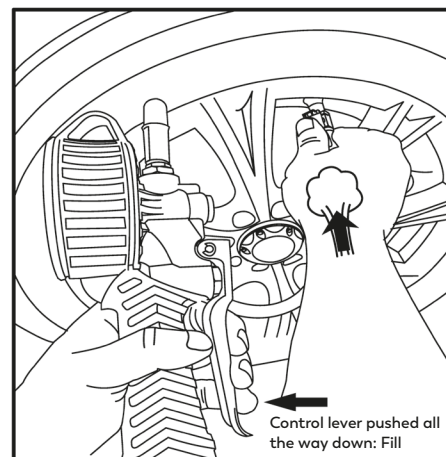
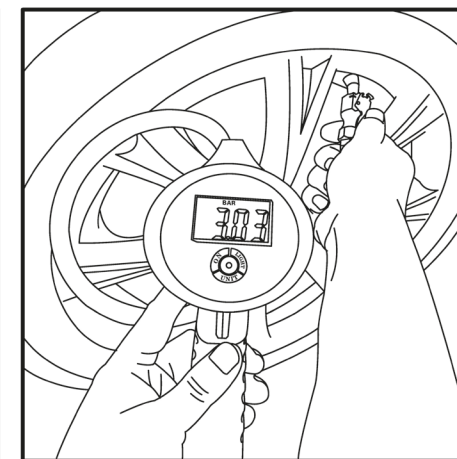
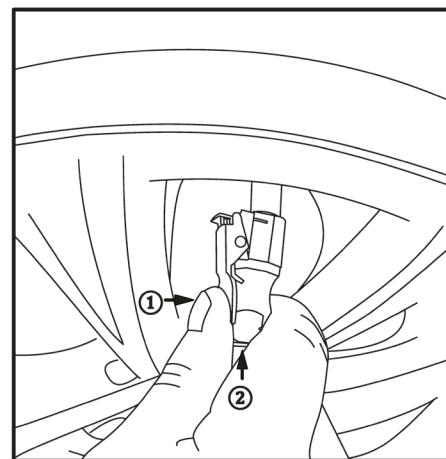
- Read the pressure on the digital display.
- Correct the pressure as described below.

Filling tires:

- Press the control lever all the way down.
- Inflate the tire by pressing the control lever repeatedly in short bursts.
- Check the pressure increase on the digital display between each inflation cycle.
- The tire pressure is now correct.

Deflating tires:

- Press the control lever halfway down.
- Deflate the tire by pressing the control lever repeatedly in short bursts.
- Check the pressure drop on the digital display between each deflation cycle.
- The tire pressure is now correct.



! WARNING:

Serious injuries caused by compressed air!
Compressed air can cause injuries to the skin or eyes.

- Always wear suitable protective clothing.
- Only use the device when it is connected.
- Always keep the valve adapter away from you.

8. ERROR MESSAGES

Error	Solution	Parts to be replaced
Backlight does not work	Change the battery.	AAA battery
Inaccurate values	Press the on/off button for 8 seconds to restart the device or change the battery.	AAA battery
Device cannot be turned on/off	Change the battery.	AAA battery
Error when deflating/inflating	Check whether the nipple on the filling hose or the hose itself is defective/damaged.	change valve adapter / filling hose
	If so, replace the nipple/filling hose.	
Air leak at the valve seat assembly	Air leaks are usually caused by a worn O-ring.	Change seal ring / spring
	Remove the retaining rings and pin to remove the lever, remove the valve seat assembly, and replace the O-ring(s). There are three O-rings on the valve seat assembly.	
	An air leak can also be caused by a deformed or broken spring in the valve seat assembly.	
	Remove the retaining rings and pin to remove the lever, remove the valve seat assembly, and replace the spring.	

9. TECHNICAL SPECIFICATIONS

Digital pressure gauge	Ø 80 mm, horizontal, with rubber protective cap, pressure-resistant up to $\times 1.3$ of the final value, illumination: switches off automatically, LCD with automatic switch-off function after 90 seconds
Weight	800 g (without hose)
Display range	0 - 12 bar
Display accuracy	According to DIN EN 12645
Pressure range	0 - 12 bar
Maximum operating pressure	0,5 - 12 bar
Filling hose (length)	1 m
Input connection (compressed air supply)	G1/4
Output connection (filling)	G1/4
Operating temperature	-10°C to +40°C
Protection class	IP 44
Batteries	2 AAA batteries
Dimensions (L x W x H)	26,3 x 12,2 x 9,6 cm

10. MAINTENANCE

10.1 Cleaning

Proceed as follows for external cleaning:

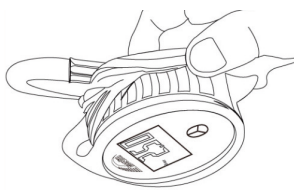
- Disconnect the device from the compressed air supply.
- Remove loose dirt and dust using a dry cloth.

The device is now clean on the outside.

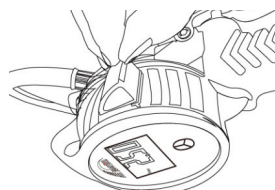
10.2 Battery replacement

- The GATOR INFLATOR MID DIGITAL comes with 2 AAA batteries.
- When the voltage drops below 2.4 V, the battery symbol in the upper left corner of the display flashes continuously to remind the user to replace the battery.

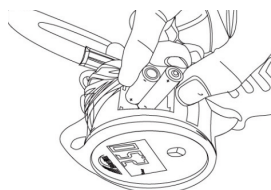
1. Open the casing



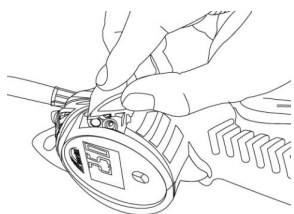
2. Open battery cover



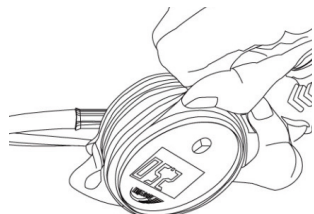
3. Insert batteries



4. Close cover



5. Finish



10.3 Disposal of batteries

- Empty batteries must not be disposed of with household waste! This is a mandatory requirement of the Battery Act (BattG)*!
- Use collection points in stores, recycling centers, or recycling yards to dispose of empty batteries. There is a sticker with a crossed-out trash can on the battery compartment.

Please observe national laws and regulations.

*Act on the placing on the market, return, and environmentally sound disposal of batteries and accumulators (Battery Act – BattG).



11. DECOMMISSIONING AND DISPOSAL

- The packaging and packaging materials are made from environmentally friendly and recyclable materials.
- The device must be decommissioned and disposed of properly.
- Ensure that it is disposed of properly and in an environmentally friendly manner. Observe the Battery Act. Batteries do not belong in household waste.
- Observe national and local regulations when disposing of the device.

12. WARRANTY

We will, of course, repair any defects that are proven to be due to a manufacturing fault free of charge. This is subject to you reporting the defect immediately after discovery and within the warranty period granted by us. Damage caused by improper use or failure to follow the operating instructions is excluded from this warranty.

13. EXCLUSION OF WARRANTY

The warranty does not apply in the following cases:

- The operating instructions were not followed during initial commissioning and maintenance.
- The device was used in an impermissible and improper manner.
- The device was used despite obvious defects.
- Other replacement or substitute parts were used instead of original parts.
- The permissible operating parameters were not observed.
- Unauthorized modifications have been made to the device, or parts of the device have been dismantled that must not be opened (except for maintenance purposes).
- Serial numbers in the device have been altered, damaged, or removed.

14. CE MARKING

The product complies with the provisions for CE marking in accordance with the following directives:

- RoHS 2011/65/EU
- ErP 2009/125/EG
- WEEE 2012/19/EU
- EMV 2014/30/EU

The following harmonized European standards or technical specifications for product safety (EN 62386-1:2014 + AC:2015), EMC (EN 301 389-1&3 V2 1.1 2017), RoHS (EN IEC 63000:2018), ERP (Regulation No. 2019/2020 & Regulation No. 2021/341), which comply with recognized technical practice in accordance with the safety requirements applicable in the EEA, form the basis.

Additional information:

WEEE Reg. No. DE 61061998
 Battery Regulation No. DE 97868049

15. NOTE FOR COMMERCIAL USE

The device must not be used at gas stations or commercial workshops without calibration.



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