



WARNING



Study, understand and follow all instructions provided with this product. Read these instructions carefully before installing, operating, servicing or repairing this tool. Keep these instructions in a safe accessible place.

INTENDED USE OF THE TOOL

The DT8 Deluxe Digital Tire Inflator is designed to work with the included locking and dual chucks to inflate, deflate and measure pressure on truck and vehicle tires. Do not use this tool outside of the designed intent. Never modify the tool for any other purpose or use.



WARNING



Caution: To help prevent personal injury

- Use of this product can expose you to chemicals including ethylene glycol, gasoline vapors and engine exhaust, which are known to the State of California to cause cancer, birth defects, or reproductive harm. For more information, visit www.P65Warnings.ca.gov. Always wear ANSI approved safety equipment, safety glasses and clothing when using this product. Study, understand, and follow all instructions provided with this product. Failure to read and follow all warnings and operating instructions may result in damages and serious injury or death.
- Always wear ANSI approved goggles when using this product. (Users and by standers).
- Never use this tool for any application other than for which it was designed.
- Only use accessories designed for this tool.
- Never alter or modify this tool in any way.
- Improper operation and/or maintenance of the tool, modification of the tool, or use of the tool with accessories not designed for it could result in serious injury or death.
- Always select the correct accessories of the correct size and design for the job that you are attempting to perform.
- Always work in a clean, safe, well-lit, organized and adequately equipped area.
- Do not begin repairs without assurance that vehicle is in secure position, and will not move during repair.

Includes
2 AAA batteries



Made in China
to Matco specifications

DO NOT DISCARD – GIVE TO USER

1 YEAR LIMITED WARRANTY

The manufacturer warrants this product to the original user against defective material or workmanship for a period of 1 year from the date of purchase.

The manufacturer reserves the right to determine whether the part or parts failed because of defective material, workmanship or other causes. Failures caused by accident, alteration, or misuse are not covered by this warranty.

The manufacturer, at its discretion, will repair or replace product covered under this warranty free of charge. Repairs or replacements of products covered under this warranty are warranted for the remainder of the original warranty period.

The manufacturer or its authorized service representatives must perform all warranty repairs. Any repair to the product by unauthorized service representatives voids this warranty. The rights under this warranty are limited to the original user and may not be transferred to subsequent owners.

The warranty is in lieu of all other warranties, expressed or implied, including warranties of merchantability and fitness for a particular purpose. Some states do not allow the exclusion or limitations of incidental or consequential damages, so the above limitations may not apply to you.

BEFORE USE

When unpacking, check the parts diagram and part number listing on page 10 to make sure all parts are included. If any parts are missing or damaged, please call your distributor.

PRODUCT INFORMATION:

Top of the line design. Coated anti-fray hose and exclusive quick change chuck design to easily switch between included locking and dual chuck styles.

More accurate than ever. 0.1psi resolution and +/-1.0psi accuracy for difficult TPMS systems.

Simple AAA battery design. Just pull the battery tab and go for up to 560 hours of use. Two AAA batteries included.

Displays KGF, PSI or BAR measurement.

Large LCD digital read-out with new longer 10 second backlit face.

Two position lever. 1st position deflates, 2nd position inflates. Works on with nitrogen systems and CO².

FUNCTION KEY:

ON/UNIT/LIGHT: Press once to turn on. Press again to turn on backlight.

When the unit is on, press for 3 seconds to switch units.

If display is inaccurate, unreadable or will not change, press and hold the button for 8 seconds to restart.

TWIST/THREAD LOCKING CHUCK ONTO VALVE STEM TO FULLY SEAL

Specifications:

Measuring Range:	3 - 175psi
Units:	PSI / BAR / KPA / KGF
Resolution:	0.1psi
Accuracy:	+/- 1.0 PSI
Working Temperature:	32°F - 104°F (=0°C - 40°C)
Power:	AAA battery
Battery Lifetime:	560 hours

OPERATING INSTRUCTION:

1. Remove tire valve cap.
2. With clip-on air chuck lever depressed, firmly press chuck onto tire valve stem and release lever, and ensure that no air leaks.
3. Press the grip to inflate. Press the grip half-way to deflate.
4. To turn on the inflator, press the ON/UNIT/LIGHT button. If it does not work, the inflator will be turned off automatically 90 seconds later.
5. When the inflator is on, press the ON/UNIT/LIGHT button to turn on the backlight in order to read the pressure in dark. The backlight will diminish automatically in 10 seconds. Backlight will not be activated by turning on the inflator, can only be activated by pressing the ON/UNIT/LIGHT button.
6. To change unit, when the inflator is on, press ON/UNIT/LIGHT button for at least 3 seconds. Then, press ON/UNIT/LIGHT button shortly after to choose the desired unit. The unit chosen will be set as default for following usage.
7. The inflator's battery is 2*AAA, if voltage is low, the low battery signal on the top left of the LCD display will be flashing continuously to remind user to change the battery.
8. The measuring range is 0.2-12 bar (3-175psi). Reading resolution is 0.01 bar (0.1psi). Maximum inlet pressure is 15 bar (218psi).

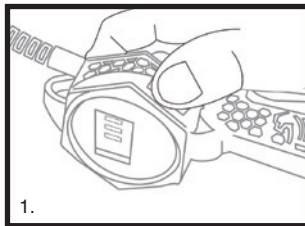
USAGE NOTES:

1. Inflator's working pressure is 0.2-12 bar (3-175psi), Max Inlet Pressure is 15 bar (218psi).
2. Maximum Pressure is above 17 bar, the LCD will show "----", no actual value, and the inflator may be damaged.

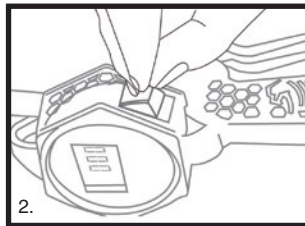
⚠ IMPORTANT ⚠

To avoid the risk of personal injury, especially to the eyes, face or skin,
DO NOT direct the stream at any person.

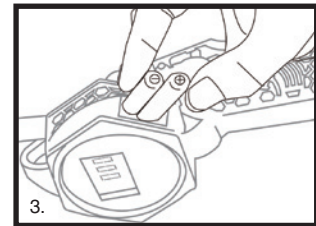
BATTERY INSTALLATION INSTRUCTION



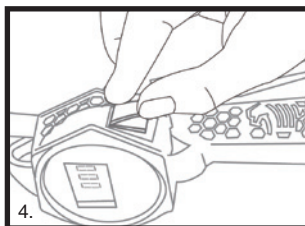
1. Peel back rubber sleeve



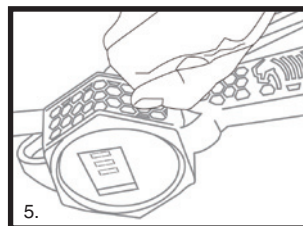
2. Pry the cover open with fingernail or flathead screwdriver (care to hold down cover, as cover is under spring tension)



3. Install 2 AAA batteries in indicated orientation

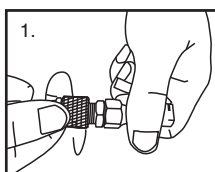


4. Snap battery cover shut

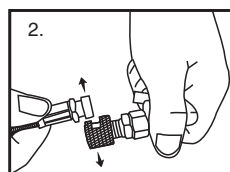


5. Reinstall rubber sleeve

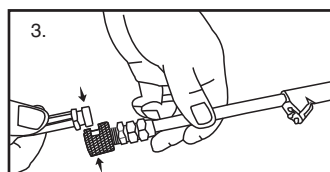
QUICK CHANGE FITTING INSTRUCTION



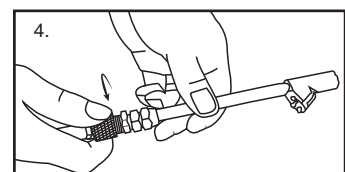
1. Rotate the disconnect fitting anticlockwise



2. Slide chuck off of fitting



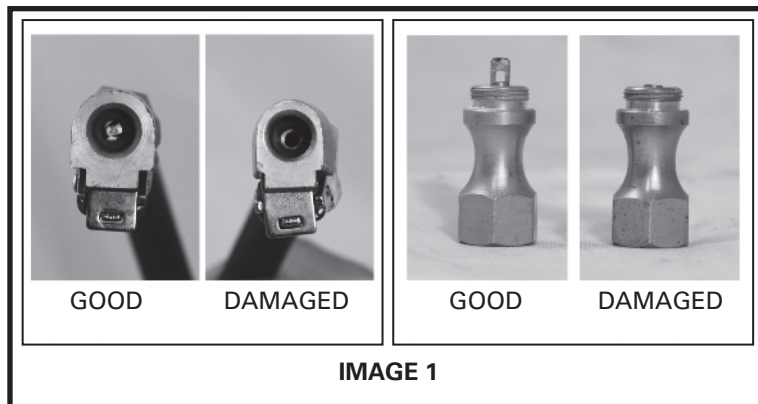
3. Slide the new chuck into fitting



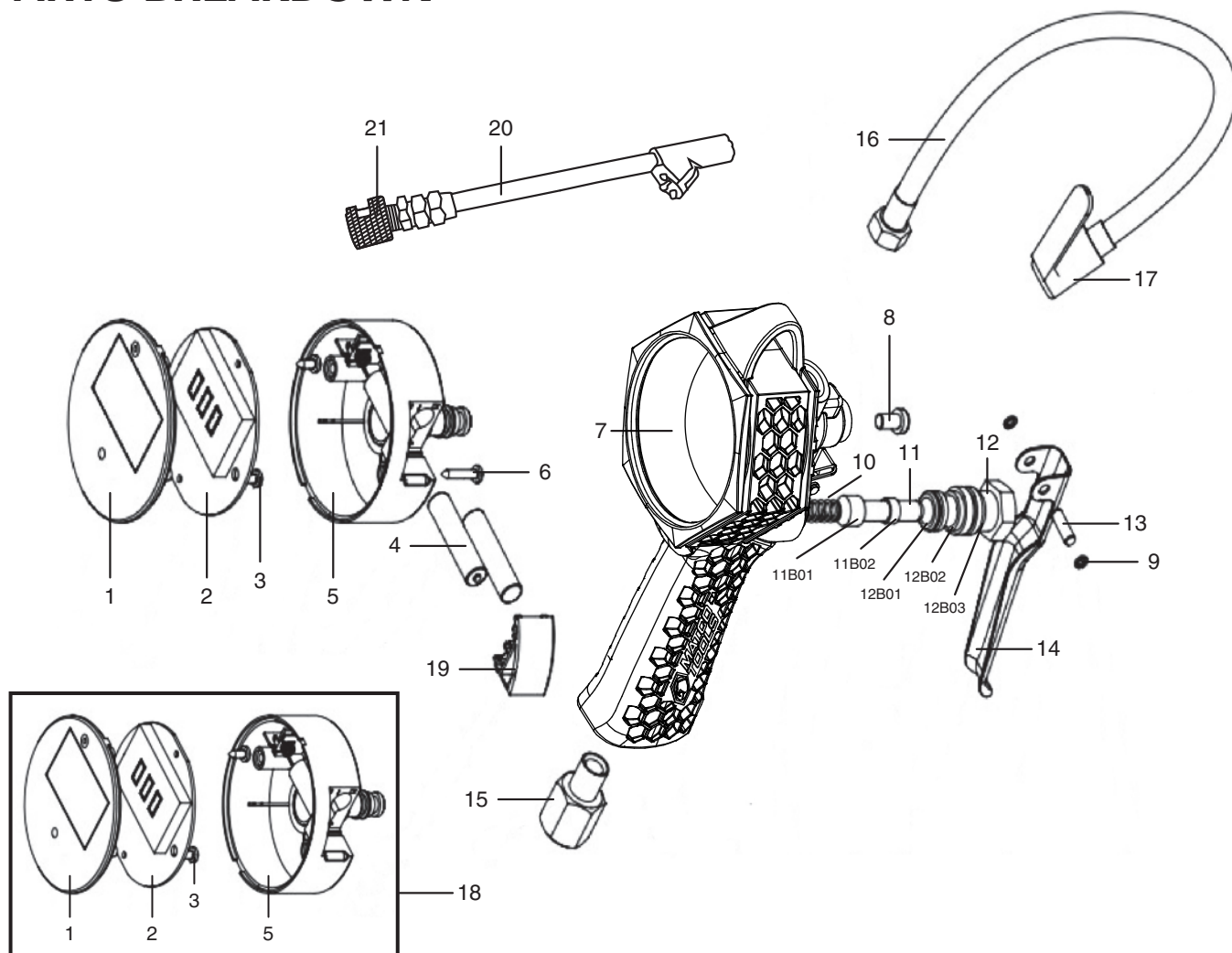
4. Tighten the chuck onto the fitting by rotating it clockwise

TROUBLESHOOTING GUIDE

ISSUE	RECOMMENDATION	REPLACEMENT PART
Light is dim or not coming on	Replace unit battery. Unit uses AAA batteries. (See Product Manual for instructions on how to change batteries)	AAA batteries
Inaccurate reading (Example: Reading is off by 3psi to 4psi)	Hold power button for 8 seconds to clear. Or replace unit battery. Unit uses AAA batteries. (See Product Manual for instructions on how to change batteries)	AAA batteries
Unit doesn't turn on	Replace unit battery. Unit uses AAA batteries. (See Product Manual for instructions on how to change batteries)	AAA batteries
Unit is not deflating	1) Examine the Air Chuck (3018-17) to see if pin is broken. (See Image 1 below)	# 3018-17
	2) If pin is broken order part # 3018-17 - Air Chuck.	
	3) To begin repair, unscrew broken chuck from hose and replace with new chuck.	
Air leak (Valve Assembly)	1) Air leaks are usually caused by worn O-rings in the Valve Assembly.	n/a (P4 O-ring)
	2) To begin repair simply remove Circlip (3018-09) and Lever Pin (3018-13) to gain access to the Valve Assembly. Unscrew Valve Base Assembly (3018-12) and pull out Valve Assembly.	
	3) Replace O-rings on valve assembly with P4 O-ring. Check Spring (3018-10) and ensure Spring is not broken or damaged.	
	4) Replace Valve Assembly onto unit and tighten Valve Base Assembly (3018-12). Replace Lever Pin (3018-13) and Circlip (3018-09).	
No handle spring action	1) No handle spring action is usually caused by broken spring.	# 3018-10
	2) Order part # 3018-10 - Spring.	
	3) To repair simply remove Circlip (3018-09) and Lever Pin (3018-13) to gain access to the Valve Assembly. Unscrew Valve Base Assembly (3018-12) and pull out Valve Assembly.	
	4) Replace broken Spring (3018-10).	
	5) Replace Valve Assembly onto unit and tighten Valve Base Assembly (3018-12). Replace Lever Pin (3018-13) and Circlip (3018-09).	



PARTS BREAKDOWN



Parts List

Index No.	Part No.	Description	Qty
1	DT8-01	Front Cover	1
2	DT8-02	PCB Board Assembly	1
3	3018-03	Ø 2.6 x 6.0 Screw	2
4		AAA Battery	2
5	DT6-05	High Accuracy Sensor Assy.	1
6	3018-06	Ø 3.5 x 14 Screw	2
7	DT8-07	Main Body - Burgundy	1
8	3018-08	Hex Screw Ø 3.5 x 8	1
9	3018-09	Circlip Ø 3.5	2
10	3018-10	Spring 0.85 x 7.0 / 8.0 x 18.5 x 7	1
11	3018-11	Valve Assembly	1
11B01	3018-11B01	O-Ring	1
11B02	3018-11B02	O-Ring	1

Items marked with an (*) are not sold individually

Index No.	Part No.	Description	Qty
12	3018-12	Valve Base Assembly	1
12B01	3018-12B01	O-Ring	1
12B02	3018-12B02	O-Ring	1
12B03	3018-12B03	O-Ring	1
13	3018-13	Lever Pin	1
14	3018-14	Lever	1
15	3018-15	Air Inlet	1
16	3018-16C	Coated Stainless Hose	1
17	3018-17	Air Chuck	1
18	DT4BG-18	Digital Gauge Assembly	1
19	3018-19	Battery Cover	1
	DT4-VSA	Air Valve Rebuild Kit (includes part numbers 11, 11B01, 11B02, 12, 12B01, 12B02, and 12B03.)	
20	30DC	6" Dual Chuck	1
21	DT8-21	Quick disconnect fitting assembly	1