Jefferson®
PROFESSIONAL TOOLS & EQUIPMENT

USER MANUAL v1.1

JEFGTYLTPC05
HANDHELD LINEAR TYRE INFLATOR
0.5M Hose • Twin Push-On Connector

EQUIPMENT OVERVIEW

Manufactured with a heavy-duty aluminium body with protective impact-resistant rubber bumpers and a stainless steel pressure lever handle. Fitted with magnified linear pressure gauge, dual-calibrated in psi and bar scales, with parallax correction. 0.5M flexible hose fitted with twin push-on air connector and hanging ring.

Tested and calibrated to comply with EN 12645:2014. This inflator is supplied with a serial-numbered calibration certificate.

SPECIFICATIONS

Model Number:	JEFGTYLTPC05
Display Type:	Linear
Hose Length:	0.5M / 20"
Tyre Valve Connection:	Twin - Hold On
Air Supply Connection:	1/4" Male BSP Thread - 1/4" Male (Quick Release)
Test Standard:	EN 12645:2014
Reading Accuracy:	2 psi / 0.1 bar
Maximum Inlet Pressure:	200 psi / 13.8 bar
Minimum Inlet Pressure:	100 psi / 7 bar
Flow Rate:	500 l/min @ 13 bar
Tyre Pressure Range:	0-9.5 bar / 0-138 psi
Temperature Range:	-10°C to 60°C
NW / GW:	0.9kg / 1.3kg

SAFETY

• Keep children and unauthorised persons away from the work area.
• Ensure that the tyre inflator is disconnected from the air supply before changing accessories, servicing or performing any maintenance.
• Keep the gauge screen and tyre inflator clean.
• Do not exceed the rated working pressure for the inflator or modify it for any other purpose other than that which it has been designed.
• Replace damaged parts with genuine Jefferson replacement parts. Unauthorised parts may be dangerous and will invalidate the warranty. Contact your Jefferson dealer for advice and information on replacement parts for this equipment, A diagram and list of serviceable parts is shown overleaf on Page 2.
• Check condition of the equipment and assess for damage or loose connections before use.
• It is recommended that you check tyre pressures when they are cold.
• Never direct the tyre inflator outlet or direct compressed air at individuals or animals.
• Never carry the tyre inflator by the hose, or tug the hose from the air supply.
• Do not operate the tyre inflator when you are tired or under the influence of intoxicating medicines, drugs or alcohol.
• Do not drop the tyre inflator after operation use the hanging ring supplied.
• Do not operate in wet conditions. Ensure the tyre inflator is dried if it gets wet.

Environmental Protection:

PLEASE RECYCLE

Recycle any packaging and unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment.

When the product becomes completely unserviceable, reaches the end of its working life and requires disposal, drain off any fluids (if applicable) into approved containers and dispose of the product and the fluids according to local regulations.

OPERATION, MAINTENANCE & TROUBLESHOOTING

Pressure Readings:
Push the connector squarely onto the tyre valve and hold in place. Before each pressure reading fully depress lever and release.

To Inflate:
With the connector pushed squarely and firmly onto the valve, fully depress lever for an appropriate period then release lever to display the pressure. Check the pressure gauge and repeat the procedure until the correct pressure level is achieved.

To Deflate:
Depress lever half way (until air can be heard escaping from the valve , fully depress lever momentarily then release to display the new pressure reading. Check pressure gauge and repeat procedure until correct pressure level is achieved.

Maintenance:
Keep the equipment clean and dry. The gauge should be checked regularly for correct operation. Check for smooth lever operation and fast, smooth gauge movements. Check for leaks from the tyre connector seals, and for chafing or wear of the flexible hoses. Remove from service and repair if damaged.

Lubrication:
Remove the oil screw shown in **Fig.1** and place 2-3 drops of light oil into the gauge mechanism monthly (under regular use) to ensure smooth operation, durability and maintain the accuracy of the tyre inflator.

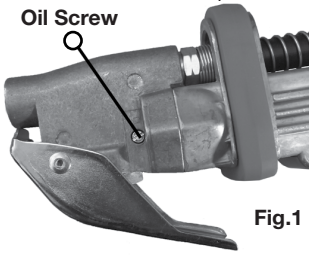
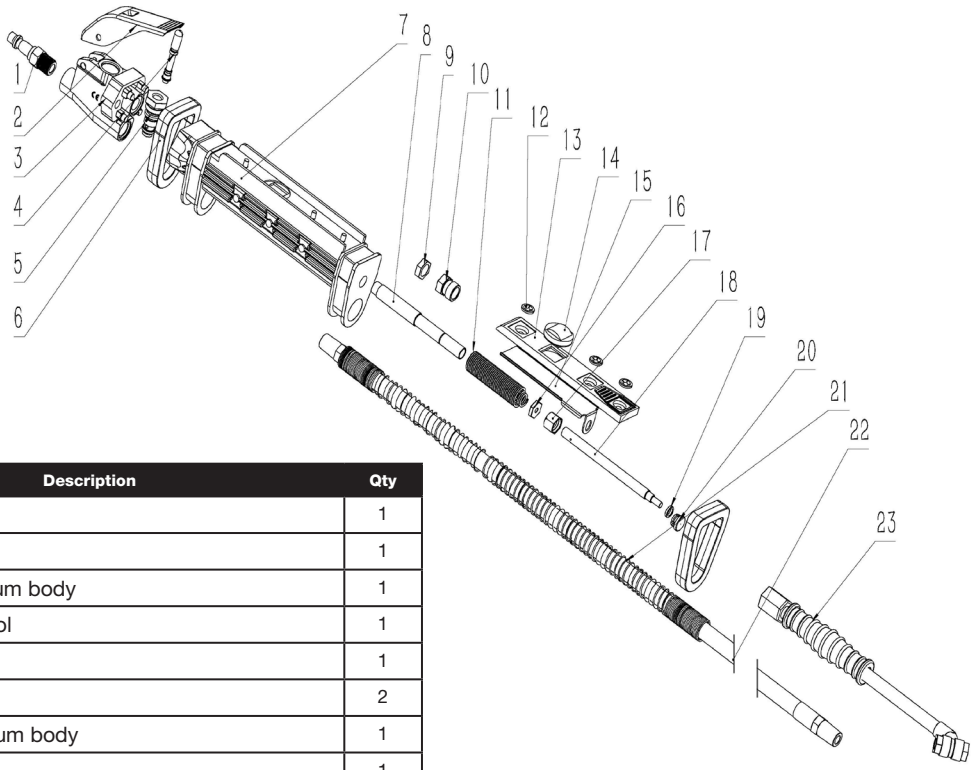


Fig.1

Troubleshooting:
This equipment has been engineered to give years of trouble-free use. Faults are often due either to prolonged mistreatment or to a dirty, excessively wet air supply. The following guide will enable the operator or service engineer to diagnose and cure any problems which may arise:

1. Erratic high gauge readings or stiff, irregular lever operations: Caused by a stiff or damaged valve assembly. If not cured by oiling the valve mechanism then replace the valve assembly.
2. Damaged flexible hose (gauge to tyre connector): The entire hose assembly should be replaced immediately if any sign of deep chafing or cracking appears. Ensure that the centred filter in the gauge outlet port does not become dislodged during replacement.
3. Air leaks from tyre connector: The seals should be replaced when it becomes difficult to obtain an easy, positive airtight seal on a tyre valve.
4. Slow tyre inflation: Caused by: Low supply pressure, or blocked inlet filter, or damaged valve mechanism.
5. Erratic low gauge readings and/or sluggish gauge operation or gauge does not return to zero: Caused by stiff or damaged gauge mechanism. The gauge should be returned to an authorised repair centre as special equipment is required to re-check the calibration of the gauge after repair.

PARTS LIST AND DIAGRAM



#	Description	Qty
1	Connector	1
2	Lever	1
3	Die cast aluminum body	1
4	Lever valve spool	1
5	Lever valve seat	1
6	Jacket	2
7	Die-cast aluminum body	1
8	Brass scale	1
9	Graduated tube body connecting	1
10	Aluminum conductor pipe cover	1
11	Spring	1
12	Plastic spacer fixed bomb	3
13	Housing plastic cover	1
14	Transparent cover	1
15	Scale	1
16	Spring nut for scale	1
17	End cap	1
18	Air core tubes	1
19	Compression nut	1
20	Air core aluminum nuts	1
21	Hose spring	1
22	0.5m hose	0.5M
23	AC103 chuck	1

WARRANTY

Jefferson Professional Tools & Equipment, or hereafter "Jefferson" warrants its customers that its products will be free of defects in workmanship or material. Jefferson shall, upon suitable notification, correct any defects, by repair or replacement, of any parts or components of this product that are determined by Jefferson to be faulty or defective.

This warranty is void if the equipment has been subjected to improper installation, storage, alteration, abnormal operations, improper care, service or repair.

Unless otherwise stated, the guarantee is 12 months from purchase date, proof of which is required for any claim. Full details of how you can register and activate your warranty as well as instructions on how to make a warranty claim are available on our website: **warranty@jeffersontools.com.** For any further information relating to Jefferson warranty cover please call **+44 (0)1244 646 048 (UK)** or **+353 (0)1473 0300 (ROI).**

EU Declaration of Conformity

We, Jefferson Professional Tools & Equipment, as the authorised European Community representative of the manufacturer, declare that this equipment conforms to the requirements of the following:

EN 2006/42/EC - Machinery Directive.

Signed By: **Date:** 20.04.2021

Name and address of manufacturer or authorised representative:

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