



SAFETY AND OPERATING MANUAL
Cordless Digital Tyre Inflator
CTI-12V



ORIGINAL INSTRUCTIONS



CTI-12V

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Welcome to Autojack!

Dear customer, Congratulations on your purchase. Before using the Product for the first time please be sure to read these instructions for use.

They provide you with all information necessary for using the product safely and to ensure its long service life.

Closely observe all safety information in these instructions!

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CTI-12V

GENERAL POWER TOOL SAFETY WARNINGS

WARNING Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference. The term "power tool" in the warnings refers to your electric (corded) power tool or battery-operated (cordless) power tool.

1. Work area safety

a) Keep work area clean and well lit. Cluttered or dark areas invite accidents.

b) Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.

c) Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

2. Electrical safety

a) Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with grounded power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.

b) Avoid body contact with grounded surfaces, such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is grounded.

c) Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

d) Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.

e) When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.

f) If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.

3. Personal safety

a) Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.

b) Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

c) Prevent unintentional starting. Ensure the switch is in the off position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.

d) Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

GENERAL POWER TOOL SAFETY WARNINGS

e) Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

f) Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.

g) If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.

4. Power tool use and care

a) Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.

b) Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

c) Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.

d) Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.

e) Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

f) Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier

g) Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

5. Service

a) Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

b) If the replacement of the supply cord is necessary, this has to be done by the manufacturer or its agent in order to avoid a safety hazard.

6. Battery Tool Use and Care

a) Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

b) Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury or fire.

GENERAL POWER TOOL SAFETY WARNINGS

c) When Battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal object that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.

d) User abusive conditions, liquid may be ejected from the battery; Avoid contact. If contact accidentally occurs, flush with copious amounts of water. If liquid contacts eyes, seek medical help immediately. Liquid ejected from the batter may cause irritation or burns.

7. General safety measures and precautions that apply to the use of air compressor

Safe operation of the air compressor requires that you read the instructions and safety precautions carefully and follow all instructions before using the air compressor

FOR HOSEHOLD USE ONLY

a) The air compressor is designed for occasional use. Inflation over a long period will overheat the air compressor and may cause damage.

b) For safety purpose always allow unit to cool for 15 minutes after every usage, Max working pressure: 10.3bar, 1min on / 15 min off or Max. working pressure: 4.1bar, 10 min on / 15 min off.

c) If the air compressor emits abnormal sounds or overheats, turn it off immediately and let it cool off for minimum 30 minutes.

d) Inspect air compressor before use. If cracked, broken or damaged parts.

e) Incorrect use of the air compressor may result in personal injury and/or property damage.

f) Never expose the air compressor to rain, frost or temperatures above 50°C.

g) Never use the air compressor near flammable fluids or gases. Make sure your working area is well-lit.

h) Protect yourself against electric shock. Avoid physical contact with grounded surfaces such as pipes, radiators, electric stoves, refrigerator, etc.

i) Never allow children to connect/disconnect the air compressor to/from power sources. Never leave children unattended with the air compressor and never allow them to play with the accessories.

j) Never allow anyone to pump air into mouth, ears, nose, etc of people, or animals. The air compressor is not a toy.

k) Store air compressor in a secure location. If the air compressor is going to be unused for long periods of time, it should be stored in a dry place inaccessible to children.

l) Keep the air compressor clean to maintain maximum output and safety. Examine the plug, charger and cable pack on a regular basis and have them repaired by qualified technicians if they are damaged.

m) Warning! For your own safety, you should only use by the manufacturer. Use of accessories and other parts that are not mentioned in the instructions may entail an increased risk for the use of the air compressor.

GENERAL POWER TOOL SAFETY WARNINGS

This appliance is not intended for use by persons(including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

8. Using an Extension Cable.

- a) If an extension cable is required, use an approved triple core extension cable suitable for the power input of the tool.**
- b) Grounded tools always require a three wire extension cable.**
- c) As the distance from the supply outlet increases you must use a heavier gauge extension cable. Using extension cables with inadequately sized wire causes a serious drop in voltage, resulting in loss of power and possible tool damage.**
- d) The smaller the gauge numbers of the wire the greater the capacity of the cord.**
- e) When using a cable reel, always unwind the cable completely.**

SYMBOLS AND POWER RATING CHART



Danger! – Read the operating instructions to reduce the risk of injury.



Caution! Wear safety goggles.



Caution! Wear ear defenders. The impact of noise can cause damage to hearing.



Caution! Risk of Injury! Do not reach into the running saw blade.



Caution! Wear a dust mask.

Amperes	7.5M	15M	25M	30M	45M	60M
0 – 2.0	6	6	6	6	6	6
2.1 – 3.4	6	6	6	6	6	6
3.5 - 5.0	6	6	6	6	10	15
5.1 – 7.1	10	10	10	10	15	15
7.1 – 12.0	15	15	15	15	20	20
12.1 – 20.0	20	20	20	20	25	-

MACHINE DETAILS AND PRODUCT FEATURES

Machine Details

Specifications:

Voltage – 12V
Battery capacity – 1500mAh
Maximum current – 8.5A
Max pressure – 150PSI
Pressure gauge accuracy – +/- 2PSI
Pressure unit – PSI, BAR, KPA
Length of hose – 50cm

Package Contents:

1 x Automatic Cordless Tyre Inflator
1 x Steel pin tip
1 x Plastic wide tip
1 x Flexible air hose
1 x Storage bag
1 x 12V DC Car adaptor
1 x AC battery charger

Intended Use

The 12V tyre inflator is designed for the tyre inflation to pressures as recommended by your vehicle manufacturer. It is intended for occasional intermittent use and not commercial purposes.

Caution! The 12V tyre inflator. This tool is intended for consumer use only and is intended for occasional and intermittent operation. This tool is not designed for professional use. It should not be used on trucks and heavy machinery.

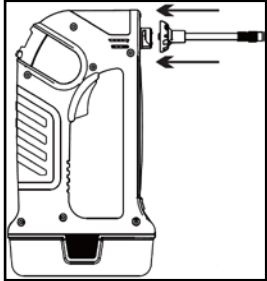


Operation

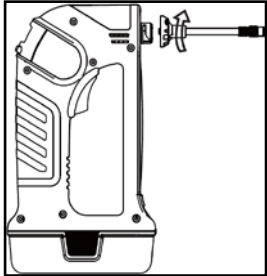
Inflation instructions

1. Inflating tires

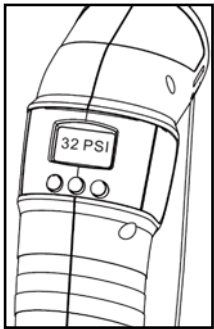
1. Line up the arrows on the “Flexible air hose” and “Attachment lock” on unit.



2. Push “Flexible air hose” in and turn clockwise until locked in place.



3. Choose desired tip and screw into “Flexible air hose”



4. Press “+” or “-” to set desired pressure level. Once set, wait a few seconds and until current tyre pressure displays.

Note: Always check and follow the manufacturer’s recommended pressure, usually located on the door jamb of your vehicle.

5. Machine will begin to inflate the tyre to the set pressure level, and shut off automatically when reached.
6. When done, press the trigger once to turn off.
7. Remove the thread connector from the tyre quickly, and replace valve stem cap on tyre, if required. Warning: Connector may be hot. Use caution when removing.

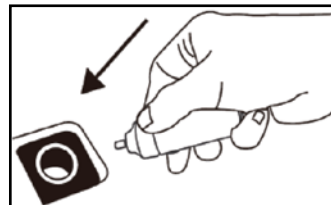
Note: To avoid over-inflation of tyres, please check the recommended tyre pressure in the vehicle’s owner’s manual. For bicycle tyres, check markings on tyre.

2. Using the 12V DC Car adapter

1. Unravel cord before use.
2. Connected with the Lithium battery.



3. Connect the adapter into the DC socket in your car. When ready to use, Switch ignition on.



Operation

Warning! The LCD display must turn on before operating air inflator. Please read, and understand the instructions provided in the manual prior to operation.

- Emergency lamp by the combination of 18 piece LED. Turn on the button, LED shows red recording light. When the car have a fault occurs, you can press the second time, LED shows red quick flashing light. Press the third time, it shows white light being used for illumination.

- Accessories 1 function is suitable ball inflator, for example: basketball, football and so on; Accessories 2 function is suitable balloon, air cushion and so on.



Press once for white light

Press twice for red light

Press three times for red flashing light

Inflating items with additional tips

1. Loosen the attachment lock approximately 3 rotations counter-clockwise. Do not remove lock completely.
2. Important: Insert the tip into the attachment lock. Press in firmly while screwing in clockwise until it can go no further
3. Tighten attachment lock clockwise until hand-tight.
4. Press the power button below the LCD display to turn on.
Note: After 30 seconds of inactivity, the digital tyre gauge will turn off automatically to conserve energy.
5. Insert the tip adapter into inflatable object and push trigger.
6. Allow machine to run until fully inflated.
7. Remove tip adapter from the inflated object quickly, and replace valve cover if required.

Note: The pressure gauge will only provide an estimated reading.

AUTOJACK GUARANTEE

1. Guarantee

1.1 Autojack guarantees that for a period of 12 months from the date of purchase the components of qualifying products (see clauses 1.2.1 to 1.2.8) will be free from defects caused by faulty construction or manufacture

1.2 During this period, Autojack, will repair or replace free of charge any parts which are proved to be faulty in accordance with paragraph 1.1 providing that:

1.2.1 You follow the claims procedure set out in clause 2.

1.2.2 Autojack and its Authorised Dealers are given reasonable opportunity after receiving notice of the claim to examine the product.

1.2.3 If asked to do so by Autojack or its Authorised Dealer, you return the product at your own cost to Autojack's or the supplying Authorised Dealer's Premises, For the examination to take place clearly stating the Returns Material Authorisation Number given by Autojack or an Authorised Dealer.

1.2.4 The fault in question is not caused by industrial use, accidental damage, fair wear and tear, wilful damage, neglect, incorrect electrical connection, misuse, alteration or repair of the product without approval.

1.2.5 The product has been used in a domestic environment only.

1.2.6 The fault does not relate to consumable items such as blades, bearings, drive belts or other wearing parts which can reasonably be expected to wear at different rates depending on usage.

1.2.7 The product has not been used for hire purposes.

1.2.8 The product has been purchased by you, as the guarantee is not transferable from a private sale.

2. Claims Procedure

2.1 In the first instance please contact the Authorised Dealer who supplied the product to you. In our experience many initial problems with machines that are thought to be fault due to faulty parts are actually solved by correct setting up or adjustment of the machine. A good Authorised Dealer should be able to resolve the majority of these issues much more quickly than processing a claim under the guarantee. If a return is requested by the Authorised Dealer or Autojack, you will be provided with a Returns Material Authorisation Number which must be clearly stated on the returned package, and any accompanying correspondence. Failure to provide a Returns Material Authorisation Number may result in item being refused delivery.

AUTOJACK GUARANTEE

2.2 Any issues with the product resulting in a potential claim under the guarantee must be reported to the Authorised Dealer from which it was purchased within 48 hours of receipt.

2.3 If the authorised Dealer who supplied the product to you has been unable to satisfy your query, any claims made under this guarantee should be made directly to Autojack. The claim itself should be made in a letter setting out the date and place of purchase, giving a brief explanation of the problem which has led to the claim. This letter should be then sent with proof of purchase to Autojack. If you include a contact number with this it will speed your claim up.

2.4 Please note that it is essential that the letter of claim reaches Autojack on the last day of this guarantee at the latest. Late claims will not be considered.

3. Limitation of Liability.

3.1 We only supply products for domestic and private use. You agree not to use the product for any commercial, business or resale purposes and we have no liability to you for any loss of profit, loss of business, business interruption or loss of business opportunity.

3.2 This guarantee does not confer any rights other than these expressly set out above and does not cover any claims for consequential loss or damage. This guarantee is offered as an extra benefit and does not affect your statutory rights as a consumer.

4. Notice

This guarantee applies to all product purchased from an Authorised Dealer of Autojack within the United Kingdom. Terms of guarantee may vary in other countries.

CE DECLARATION OF CONFORMITY

TOOLSAVE

Unit C, Manders Ind. Est.,
Old Heath Road, Wolverhampton,
WV1 2RP.
Tel: 01902 450 470

Declares that the Automatic Cordless Tyre Inflator (CTI-12V)
Is in compliance with the regulations included in the Directives:2006/42/EC

EC DECLARATION OF CONFORMITY

Certificate for EC-type examination delivered by Intertek Testing Services Shenzhen Ltd. Guangzhou
Branch Block E, No.7-2 Guang Dong Software Science City, GETDD, Guangzhou, China
(Verification No.:180613089GZU-001)

Person who declares: Bill Evans

CE

20.12.2018

The Director



Parts List

No.	Description	No.	Description
1	Air hose outlet	31	Motor
2	Tube for Air hose	32	Fan
3	Spring	33	LCD shell
4	Braided tube	34	Cover
5	Spring	35	LCD
6	Connector	36	PCB main board
7	Air inlet	37	Button
8	Sealing ring	38	LCD shell
9	Shockproof ring	39	Trigger
10	Air outlet shell	40	PCB
11	Air shell	41	PCB control board
12	Spring	42	Electric shock film
13	Anti-air plastic	43	Electric shock film
14	Shell	44	Electric shock cover
15	Pump sealing	45	Shockproof
16	Seamless tube	46	LED panel
17	Pistons	47	PCB
18	Pistons ring	48	LED light panel
19	Leather ring	49	Spring
20	Pistons	50	Switch cover
21	Pistons axis	51	Led light on/off switch
22	Pistons bearings	53	Left outer shell
23	Pistons	54	Right outer shell
24	Screw bearing	55	Logo panel
25	Bearing	56	Sticker
26	Part of Pump	57	Needle adaptor
27	Gear bearing	58	Inflating adaptor
28	Big gear bearing	59	Battery top cover
29	Gear shell	60	Electric shock film cover
30	Gear	62	Power ear cover

Parts List

No.	Description	No.	Description
63	Power ear cover	73	Car adaptor top cover
64	Spring of ear cover	74	Spring
65	Spring of ear cover	75	Spring
66	DC connector part	76	Fuse
67	Battery	77	Screw cover
68	Base	78	Fuse cover
69	Double-sided adhesive	79	Screw cover
70	Battery base cover	80	Car adaptor base cover
71	Power cord	81	screw
72	Screw	82	Gear

Parts Diagram

