TOTAL

One-Stop Tools Station

BATTERY AIR COMPRESSOR

TACLI2002

EN

20V

Security instructions

Caution

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

The term “power tool” in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

Note: Save all warnings and instructions for future reference. Due to our ongoing R&D&I program, the specifications in this document are subject to change without notice.

1) **Work area safety**
    a. Keep the work area clean and well lit to prevent accidents.
    b. Do not use power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust that can cause fires.
    c. Keep children and other unauthorized persons away while using a power tool. Distractions can cause you to lose control of the tool.

2) **Electrical safety**
    a. Power tool plugs must match the outlet. Never modify the plug in any way. Using a suitable plug reduces the risk of electric shock.
    b. Avoid bodily 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 electrical shock.
    d. Never use the cord to carry, pull or unplug the power tool. Keep the cable away from heat or oil.
    e. When using a power tool outdoors, use an extension cord suitable for outdoor use.

3) **Personal security**
    a. Always stay alert, watch what you are doing and use common sense when using the tool.
    b. Do not use a power tool if you are tired or under the influence of medication or other substances.
    c. Wear personal protective equipment. Always wear eye protection. Protective equipment such as a dust mask, non-slip safety shoes, hard hat, or hearing protection used in the proper conditions will reduce personal injury. Also don't wear loose clothing or jewelry.
    d. Prevent the tool from turning on unintentionally. Make sure the switch is in the off position before connecting to power source and moving.

4) **Use and care of the battery tool**
    a. Recharge the battery only with the charger specified by the manufacturer. An unsuitable charger can create a fire hazard.
    b. Use power tools only with specifically designated batteries. Use of other batteries may create a risk of injury or fire.
    c. When the batteries are not in use, keep it away from other metal objects, such as paper clips, coins, keys, nails, screws, or other small metal

objects, that can make a connection from one terminal to another. Shorting the battery terminals can cause burns or fire.

d. Abusive conditions can cause expulsion of liquid from the battery; avoid contact. If accidentally contacted, rinse immediately with water. If the liquid comes into contact with the eyes, also seek medical help. Liquid expelled from the battery can cause irritation or burns.
e. Do not use a battery or tool that is damaged or modified. They may exhibit unpredictable behavior resulting in fire, explosion, or risk of injury.
f. Do not expose a battery or tool to fire or excessive heat. Exposure to fire or temperature above 130°C may cause an explosion.
g. Follow all charging instructions. Do not charge the battery or tool outside the temperature range specified in the instructions. Improper charging or charging at temperatures outside the specified range may damage the battery or increase the risk of fire.

5) Service

a. Have your power tool serviced by a qualified person and use replacement parts recommended by the manufacturer. This will ensure that the safety of the power tool is maintained.

Other security rules

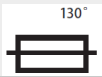
Specific safety instructions

- Inflate items only according to the manufacturer's recommendations. Exceeding the pressure rating could cause them to burst and cause personal injury.
- Use only accessories included or approved by the manufacturer. The use of any accessory not recommended for use with this tool could be dangerous.
- Use the inflator away from any walls or objects that may restrict the flow of fresh air to the ventilation openings.
- Inspect the inflator for any cracks, holes, or other blemishes that could render the inflator unsafe. Never cut or drill holes in the inflator.
- Use the inflator only for its intended use. Do not alter or modify the original design or function of the inflator.
- Since the vibration produced by the inflator can cause it to move, do not use it on a high shelf or other surface, but use it on level ground.
- Do not pre-set the inflator to generate an outlet pressure greater than the maximum pressure marked on the item to be inflated.
- Never leave the inflator unattended during inflation.
- Do not try to transport the inflator by the hoses.
- Compressed air from your inflator is not safe to breathe. Never inhale air from your inflator or from a breathing device connected to the inflator.
- Never direct a jet of compressed air towards people or animals. Be careful not to blow dust and dirt towards yourself or others.
- Wear a face or dust mask if the operation is dusty.
- Do not use this inflator to spray chemicals. Your lungs can be damaged by inhaling toxic fumes.
- Carefully monitor objects during inflation.

- To reduce the risk of over-inflation, periodically use a reliable pressure gauge during inflation. The inflator gauge is for reference only and therefore not binding for exact values.
- Turn off and remove battery from inflator when not in use, cleaning, or changing nozzles.
- The inflator may become hot during use. Let the inflator cool down for ten minutes after every ten minutes of continuous use. Let the inflator cool down for 30 minutes before putting it away.
- Never block the inflation or deflation outlets during operation.
- When an extension cord is required, you must ensure that it has the correct amperage for your inflator and that it is in safe electrical condition.
- Fully uncoil extension cords to prevent possible overheating.
- Do not use the inflator when the car engine is running.
- Save these instructions. Please refer to them frequently and use them to instruct others who may use this inflator. If you lend this inflator to someone, please lend them these instructions as well to prevent misuse of the product and possible injury.

Additional Safety Rules - Chargers

- Before using charger, read all instructions, cautionary markings on charger and battery pack, and instructions for use of battery pack.
- Only charge your batteries indoors as the charger is designed for indoor use only.
- If the battery pack is cracked or otherwise damaged, do not insert it into the charger. There is danger of electric shock or electrocution.
- Do not allow any liquid to come into contact with the charger. There is danger of electric shock.
- The charger and the batteries supplied with it are specifically designed to work together. Do not try to charge the battery with any other charger than the one supplied.
- Do not pull the power cord to unplug it from the outlet.
- Do not use the charger if it has received a sharp blow, been dropped, or otherwise damaged. Take the charger to an authorized service center for inspection or repair.
- Do not disassemble the charger. Take it to an authorized service center when service or repair is required. Improper reassembly can result in a risk of fire, electric shock, or electrocution.
- To reduce the risk of electrical shock, unplug the charger from the power source before attempting to clean it. Removing the battery by itself does not reduce the risk.
- Disposal of unwanted batteries should be done only through automotive workshops, special battery collection stations or special waste collection centers. Ask local authorities for more details.

	Please read the instruction manual before use.
	CE conformity.
	Wear safety glasses, hearing protection and a mask.
	Waste electrical products must not be disposed of with household waste. Please recycle at the appropriate facilities. Check with your local authority or retailer for recycling advice.
	Security alert. Use only accessories supported by the manufacturer.
	Wet conditions alert. Do not expose to rain or use in damp places.
	The product complies with RoHs requirements
	Thermal bond with operating temperature
	Contains lithium ions
	Risk of bursting. Do not adjust the regulator so that the outlet pressure is greater than the maximum pressure marked on the accessory. Do not use at pressure higher than 160 PSI.

Other risks

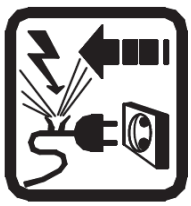
Even when the power tool is used as prescribed, it is not possible to eliminate all residual risk factors:

a. Health defects resulting from vibration emission if the power tool is used for a longer period of time or if it is not managed and maintained properly.
b. Injuries and property damage due to broken fixtures breaking suddenly.

Caution

This power tool produces an electromagnetic field during operation. This field can, in some circumstances, interfere with active or passive medical implants.

To reduce the risk of serious injury, we recommend that persons with medical implants consult their physician before using this power tool.



If the cable is damaged or cut during work, do not touch the cable, immediately unplug the tool. Never use the machine with a damaged cable.

The machine must not be damp and must not be used in a humid environment.

Attention

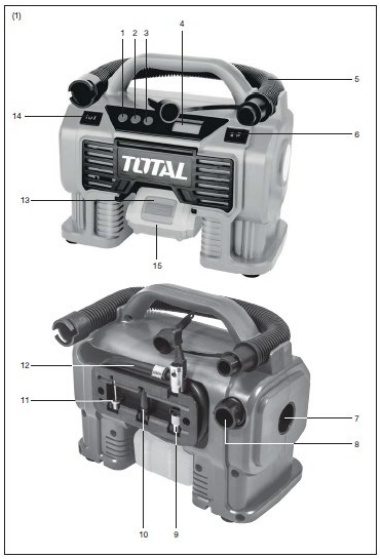
Safe operation of this machine is only possible when the operating or safety information is fully read and the instructions contained therein are strictly followed.

Technical data

Data sheet	
battery voltage	20V DC
Vehicle adapter voltage	12V DC
High pressure hose length	760mm
Low pressure hose length	460mm
Maximum pressure	11bar/160PSI
Airflow	12l/min
Sound pressure level	LpA 71.2dB(A) K=3dB(A)
Sound power level	LWA 82.2dB(A) K=3dB(A)

Product description

This tool is designed to be used in most vehicles from the standard 12V outlet or battery to inflate car, motorcycle and bicycle tires, balls, rafts, air mattresses, pool floats, etc. It is also used to deflate rafts, air mattresses, pool floats, and other low pressure items that require large amounts of air.



1. Pressure adjustment button (+)
2. Mode button
3. Pressure adjustment button (-)
4. Digital pressure gauge
5. Low pressure hose
6. 12V socket and battery mode button
7. Deflated connection
8. Inflation connection.
9. Presta valve adapter
10. Conical adapter
11. Needle adapter for sports ball
12. High pressure hose with universal valve adapter
13. Battery release button
14. High and low pressure switch
15. Battery

Note: Not all accessories illustrated or described have to be included in the delivery.
Note 2: This product is specifically designed to work with Total's range of batteries and chargers.

Functioning

Unpack

Attention

This packaging contains sharp objects, please be careful when unpacking. Remove the machine, together with the supplied accessories, from the packaging.

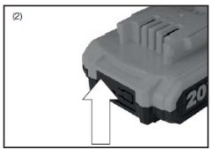
Please check carefully to make sure the machine is in good condition and note all accessories listed in this manual.

Also make sure all accessories are complete and check if any parts are missing.

Do not throw away the packaging, keep it in a safe place during the warranty period and then reuse it or otherwise dispose of it by appropriate means. Do not let children play with empty plastic bags due to the risk of suffocation.

State of charge

To display the amount of charge remaining in the battery, press the charge level indicator button, (Fig.2).



LED INDICATORS		ABILITY REMAINING
SWITCHED	OFF	
■ ■ ■		>80%
■ ■	□	30% - 80%
■	□ □	<30%

Note: Depending on the conditions of use and the ambient temperature, the indication may differ slightly from the actual capacity.

Battery Pack Installation

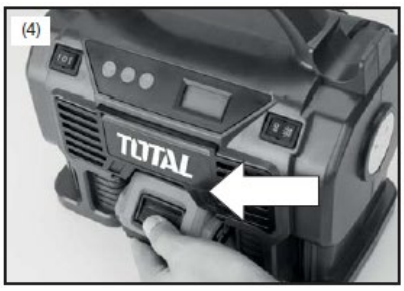
Warning

Battery tools are always in working condition. Always remove the battery pack from your tool when you are assembling parts, making adjustments, cleaning, or when not in use. Removing the battery pack will prevent accidental starting which could cause serious personal injury.

Slide the battery pack into the base of the tool. (Note that the battery has raised ribs that allow it to fit into the tool only one way.) Make sure the battery pack snaps into place and the battery pack is secured to the tool before starting operation, (Fig.3).

Improper installation of the battery pack can cause damage to internal components.

Battery Pack Removal

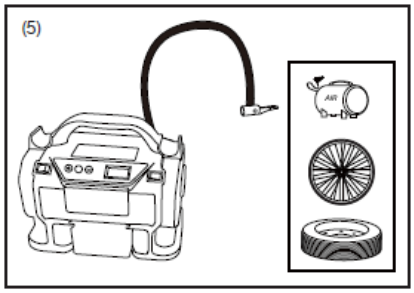


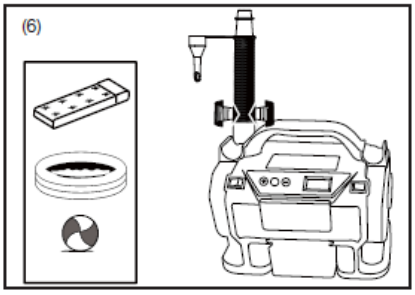
Locate the battery release latch on top of the battery and press down. While holding down the battery release latch, slide the battery pack away from the tool, Fig.4.

Double hoses

The inflator has two hoses for two types of inflation. The high pressure hose is for inflating high pressure items such as tires and sports balls (Fig. 5).

The low pressure hose is designed to inflate or deflate high volume, low pressure items such as air rafts, mattresses, and floats (Fig. 6).

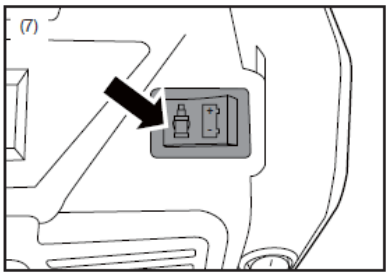


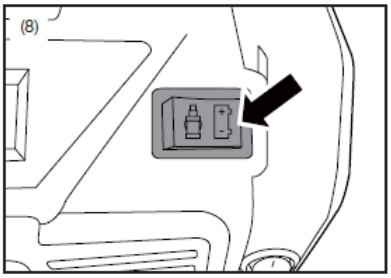


Note: Pressure gauge and preset characteristics are relative to high pressure hose applications only.

Always fully extend the 12V cord before each use.

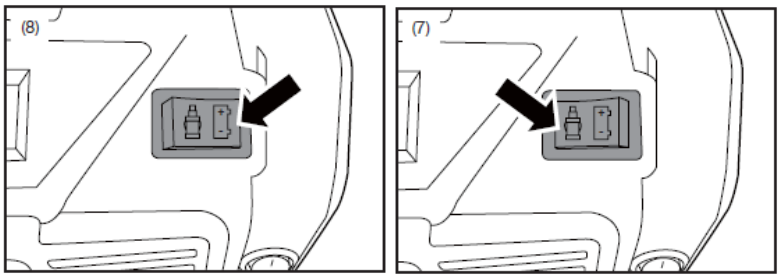
- To turn on the inflator, plug the 12V adapter into your vehicle's 12V accessory socket and press the left side of the switch marked (Fig.7).
- To turn off the inflator, press the right side of the switch marked (Fig.8).





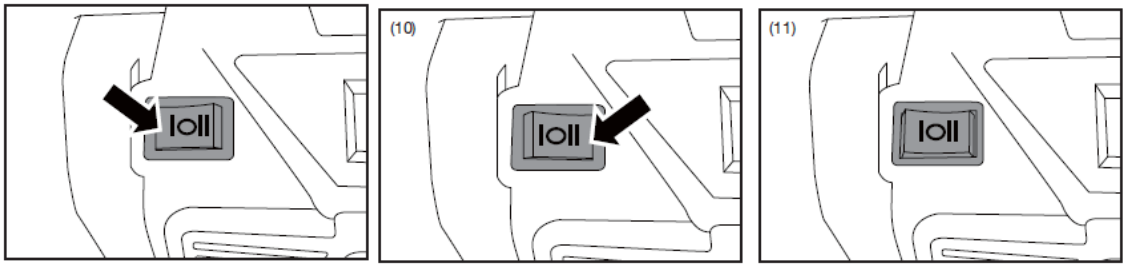
Starting the unit with the 20V battery

- To turn off the inflator, press the left part of the switch marked (Fig.7) and remove the battery.



Low pressure and high pressure switch

This three position switch operates the high and low pressure pumps.

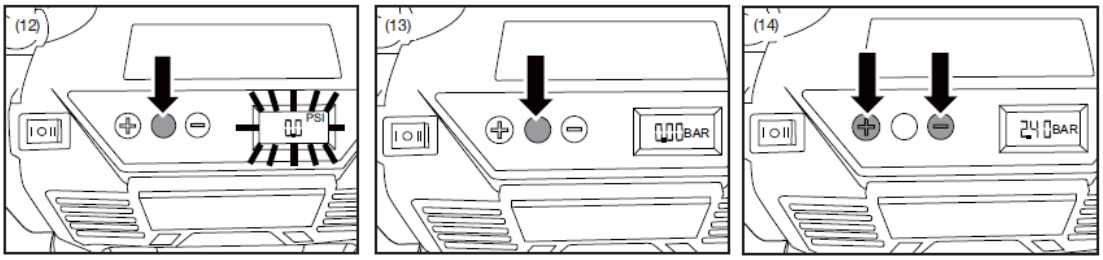


- **High pressure pump**: Place the switch in position (I) to turn on the high pressure pump (Fig. 9).
- **Low pressure pump**: Place the switch in position (II) to turn on the low pressure pump (Fig.10).

Digital meter

Your inflator is equipped with a built-in digital gauge that will automatically shut off when a preset air pressure is reached.

The digital pressure gauge is multifunctional and serves as a pressure gauge, monitoring the amount of pressure being applied to the item being inflated, pressure is indicated in PSI, BAR or KPA.



- Press the mode button to turn on the digital indicator (Fig. 12).
- Press the mode button to switch between the different units (PSI, BAR or KPA) (Fig.13).

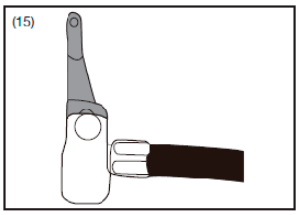
Note: If the switch or is off, the digital gauge will turn off, all pressure settings will be lost and will need to be re-entered.

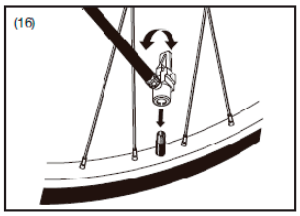
Note: The digital gauge will only display inflation pressures when the inflator is in use.

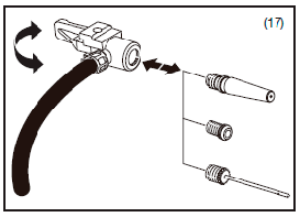
Universal valve adapter

To operate the valve adapter, push the lever up (Fig. 15).

Push the valve adapter down onto the threaded section of the valve stem (Fig. 16), or one of the 3 accessories provided with your Inflator (Fig. 17).







When the adapter is all the way down over the threads, press down on the lever with your finger to lock it in place.

Make sure the universal valve adapter is securely locked in place before turning on the inflator.

Note: Always make sure the lever is in the up position when not in use. Use your inflator only with the universal valve adapter or the included nozzles.

Inflate with the high pressure hose

Warning

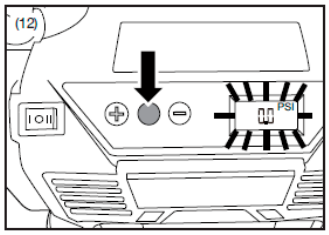
Do not operate the inflator when the car engine is running. Do not leave unit running unattended. Over-inflation of tires and other items could cause serious injury and property damage.

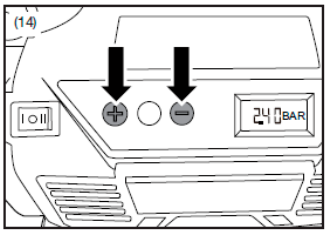
The valve adapter on the high pressure hose can be used without adapters to inflate tires or with any application that has a valve stem that fits into the valve adapter opening.

Note: Make sure your 12-volt accessory outlet is active. On some vehicles, the accessory socket may only be activated when the ignition key is in the accessory position.

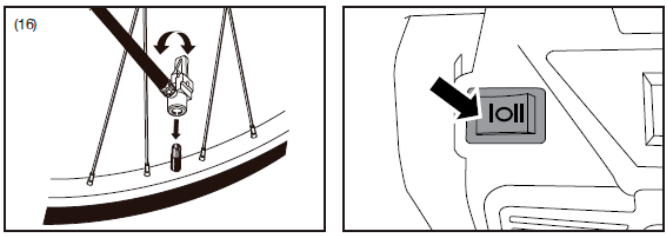
Note: When inflating items of 10 PSI/0.7 BAR or less, inflate in short bursts and check after each burst by touch or with a calibrated measuring device to determine accurate pressure.

- Press the mode button to activate (See Fig. 12).
- Set the desired pressure (See Fig.14).

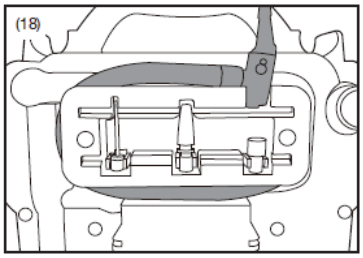




- Place valve adapter on valve stem and lock in place (Fig. 16).
- Press the high pressure switch (I) to start inflating (Fig.9). When the desired pressure is reached, the inflator will automatically shut off. This is a safety feature to prevent the risk of items becoming over inflated.



- To stop the inflator at any time, turn the low and high pressure switch to the off “0” position.
- Remove the hose and store it in the storage area on the back of the product (Fig. 18).

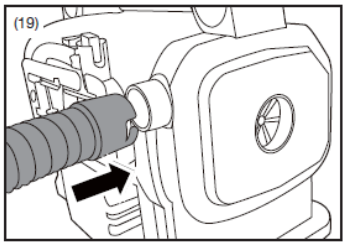


Note: The pressure reading on the gauge while inflating is a measure of the fluctuating pressure between the item and the high pressure hose. To get an accurate reading, stop inflating and read the air pressure.

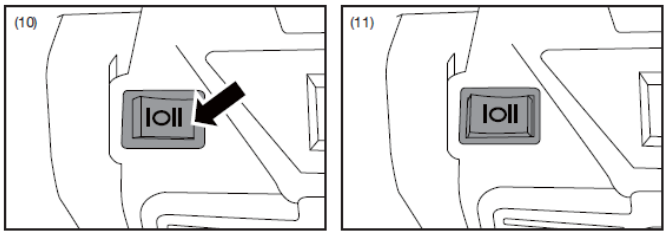
Inflate with the low pressure hose

Note: A pinch valve adapter is included as part of the small inflatable nozzle assembly that connects to the end of the low pressure hose. The pinch valve adapter is used for items that have a smaller air opening or pinch valve.

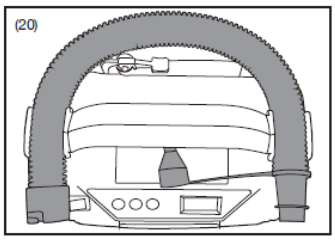
- Insert the pinch valve adapter into the pinch valve, making sure the tip of the adapter inserts past the internal “flap” inside the valve. When inflating, make sure the tip does not get blocked during inflation.
- Align the slots in the hose with the pins on the side of the inflator. Then turn the hose counterclockwise as far as it will go (Fig. 19).



- Press the low pressure switch (II) to start inflating (Fig.10). When the desired pressure is reached, turn off the switch (Fig. 11).



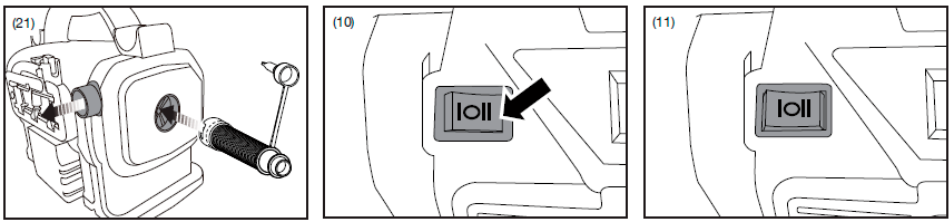
- Remove the hose by turning it clockwise as far as it will go and pulling it out of the inflator.
- Store hose in storage area on top of product (Fig. 20).



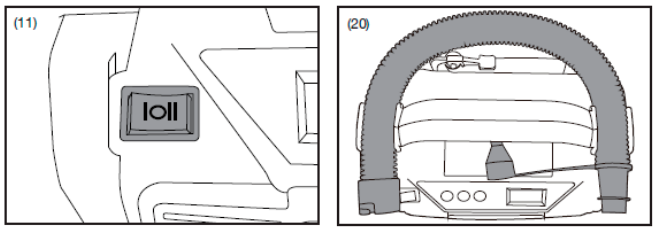
Note: Pump mode does not have an auto power off feature. Always leave the low pressure hose free of obstructions and with the pinch valve adapter disconnected when not in use. Overheating could occur if the low pressure hose is blocked.

Deflated with the low pressure hose

- Place the hose inside the deflator (Fig.21).
- Press the low pressure switch (II) to start deflation (Fig.10).
- When the item has deflated, turn off the switch (Fig. 11).

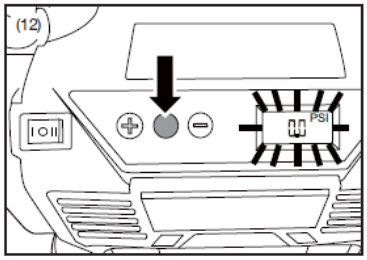


- Remove the hose by pulling it from the deflator.
- Store hose in storage area on top of product (Fig. 20).



Using the inflator as a pressure gauge

- Press the mode button to activate (Fig. 12).



- Attach the universal valve adapter to the item to be tested.
- The digital pressure gauge will display the pressure of the elements.

Accessories

The supplied accessories perform a variety of functions:

- **Conical adapter** can be used on smaller pinch valves to inflate items such as floats and children's toys, which typically require the user to inflate them by blowing air into them.
- **The sports ball needle** it can be used to inflate any type of sports ball or any other item that requires a sports ball inflator needle.
- **Valve adapter Presta** can be used for Presta valve stems.

Maintenance

Attention

When performing maintenance, use only original spare parts. The use of any other non-genuine spare parts may create a hazard or cause damage to the product.

Always wear eye protection with side shields marked to comply with regulations. Failure to do so could throw objects into your eyes and cause possible serious injury.

Maintenance

- Always remove the battery pack from your tool when assembling parts, making adjustments, cleaning, or when not in use.
- This power tool does not require intensive maintenance like other types of tools; however, the ventilation slots in the motor housing must be kept clean. If the unit becomes defective, the repair must be carried out by an official dealer.
- Make sure your battery is always securely attached.
- Keep the battery clean and dry. Keep the charger in a dry room. Remove any traces of corrosion from the charging terminals.
- Avoid the use of solvents when cleaning plastic parts.
- Most plastics are susceptible to damage from various types of commercial solvents and can be damaged by their use. Use clean cloths to remove dirt, dust, oil, grease, etc.
- Never allow any liquid to enter the inflator. Never immerse any part of the inflator in liquid.
- Always store your inflator in a dry place.

Warning

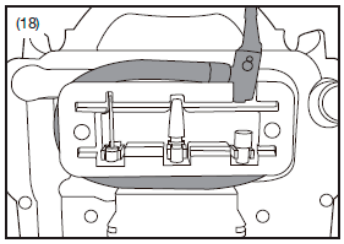
Do not at any time allow brake fluids, gasoline, petroleum-based products, penetrating oils, etc., to come into contact with plastic parts. Chemicals can damage, weaken, or destroy plastic, which can result in serious personal injury and property damage.

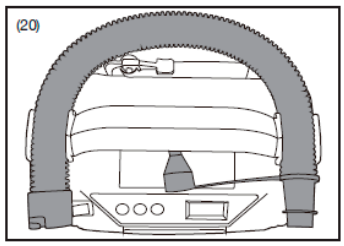
Storage

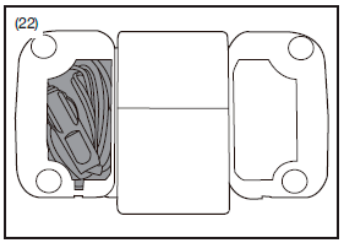
Hose and cable storage

When the inflator is not in use:

- The high pressure hose stores in the storage area on the back of the inflator (Fig. 18).
- The low pressure hose is stored in the storage area on top of the inflator (Fig. 20).
- The 12V cord stores in the storage area on the bottom of the inflator (Fig. 22).

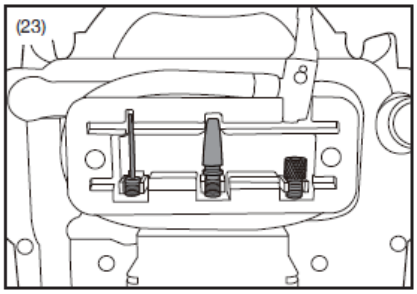






Accessory storage

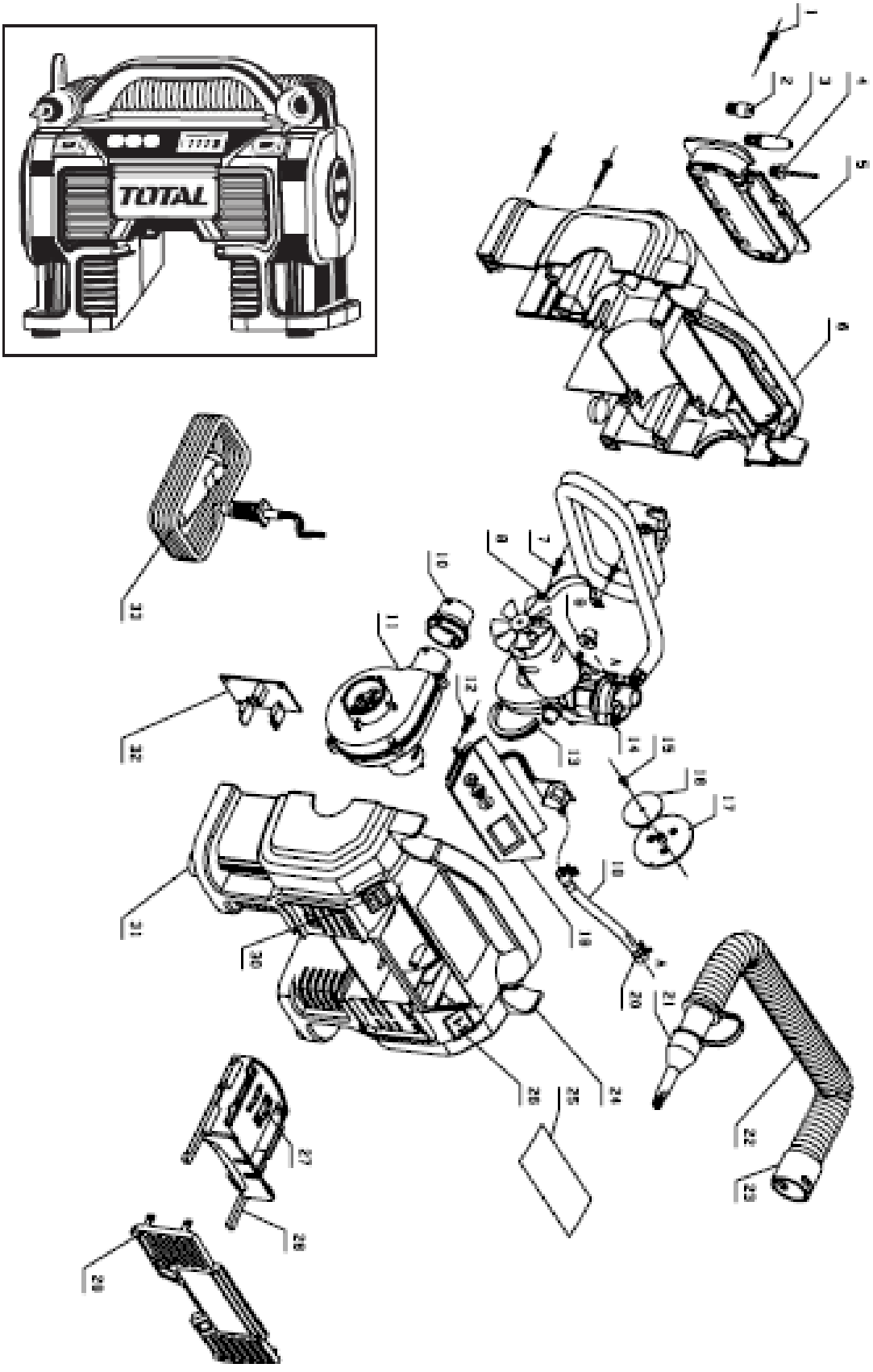
When not in use, the adapters and needles provided with the inflator can be placed in the storage area located on the back of the inflator (Fig. 23).



Environment

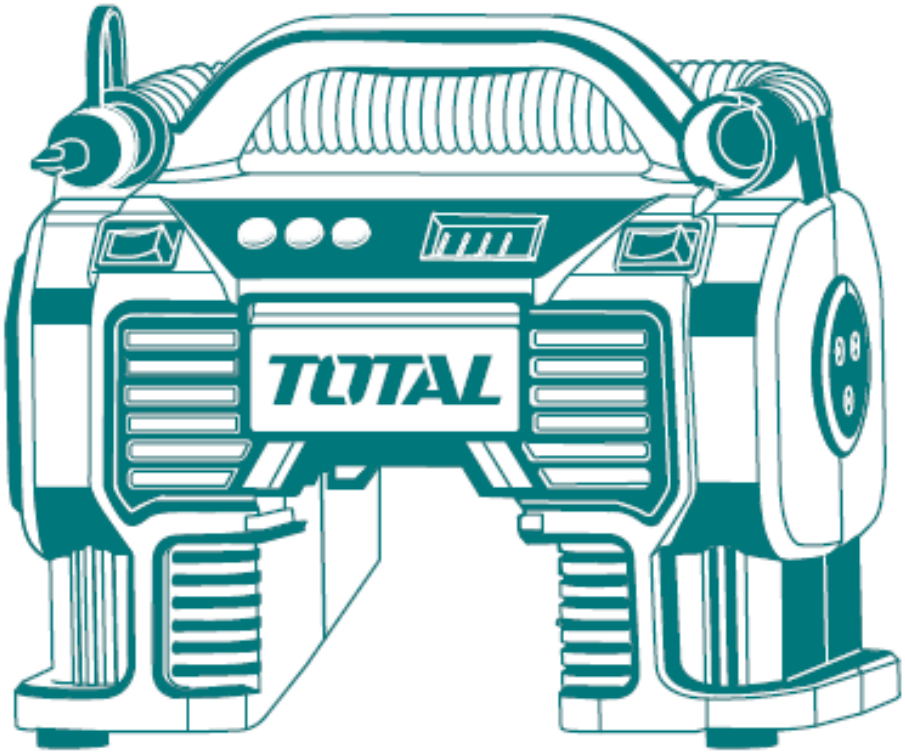
- Contact your local authority for information on available collection systems.
- If electrical appliances are disposed of in landfills, hazardous substances can seep into the groundwater and enter the food chain, harming your health and well-being.
- Recycle raw materials instead of disposing of them as waste.
- The machine, accessories and packaging must be sorted for environmentally friendly recycling.

Exploded view



TOTAL

One-Stop Tools Station



BATTERY AIR COMPRESSOR

20V