



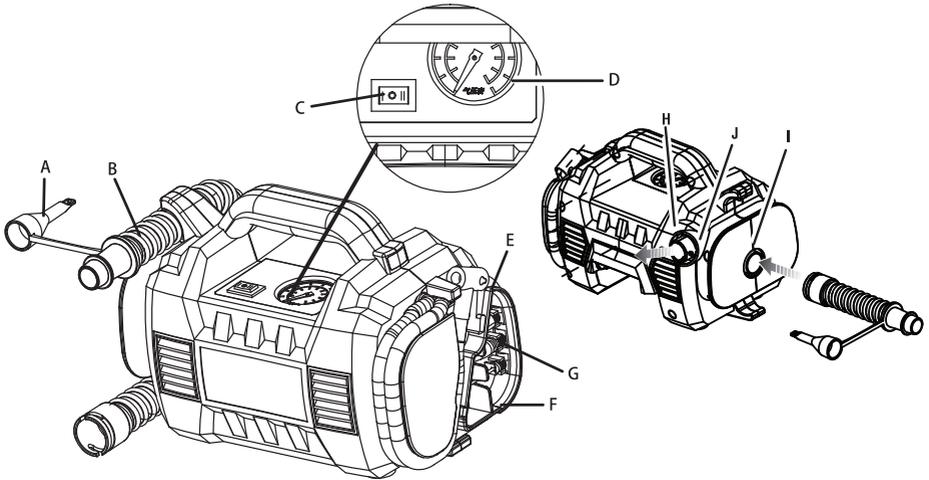
**20V** Li-ION  
**FASTPOWER**



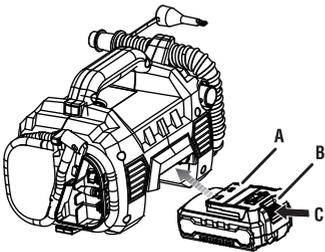
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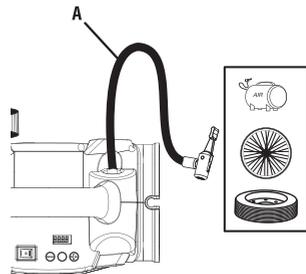
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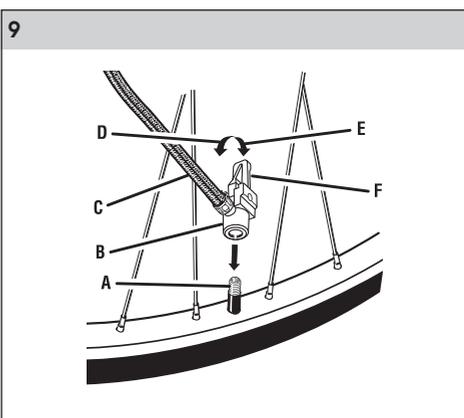
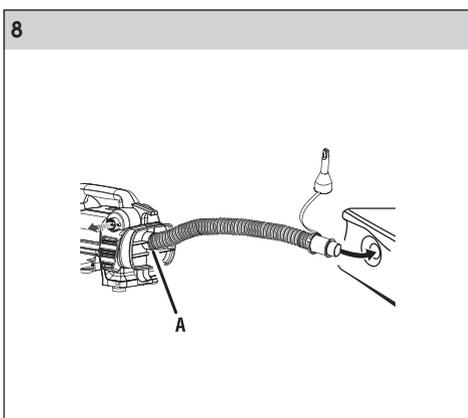
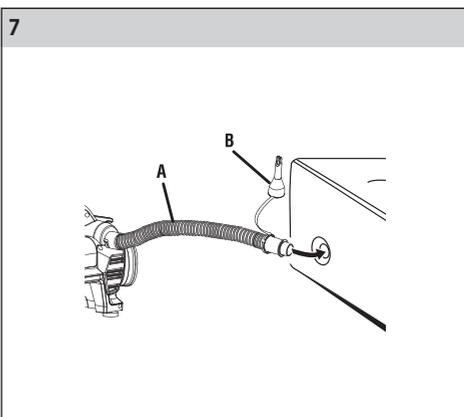
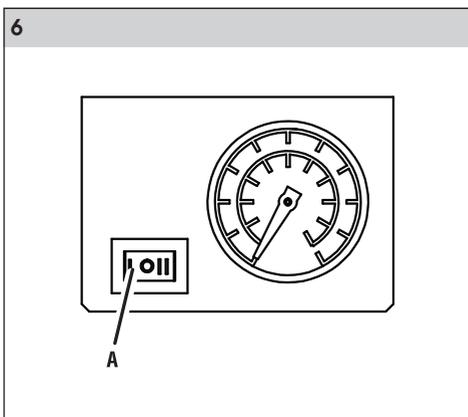
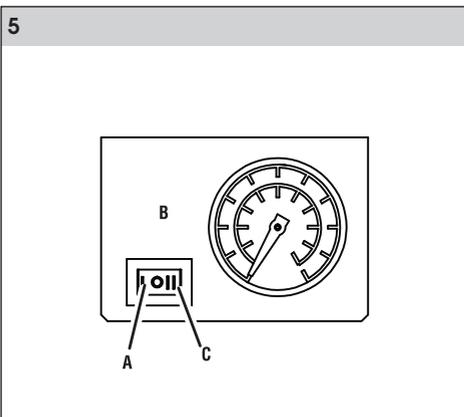
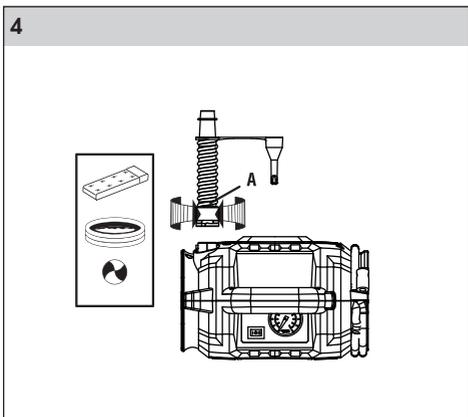


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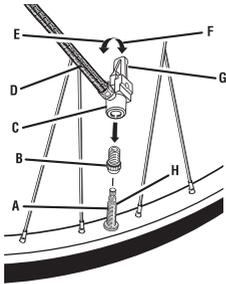


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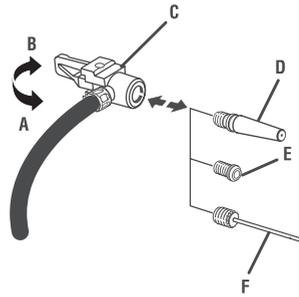




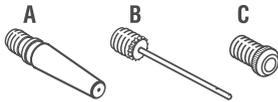
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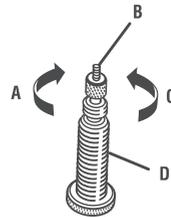
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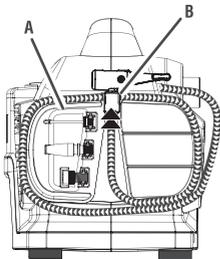
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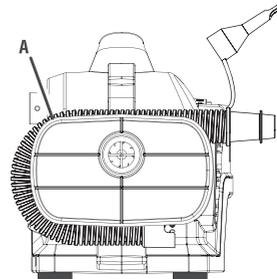
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# 20V AIR COMPRESSOR

## USER'S MANUAL

**Thank you for purchasing this 20V AIR COMPRESSOR FIELDMANN. Before you start using it, please carefully read this user's manual and save it for possible future use.**

**⚠ WARNING!** To reduce the risk of injury, the user must read and understand the operator's manual before using this product. If you do not understand the warnings and instructions in the operator's manual, do not use this product.

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This tool has many features for making its use more pleasant and enjoyable. Safety, performance, and dependability have been given top priority in the design of this product making it easy to maintain and operate.

# 1. GENERAL SAFETY RULES

## **⚠ WARNING!**

**READ AND UNDERSTAND ALL INSTRUCTIONS.** Failure to follow all instructions listed below, may result in electric shock, fire and/or serious personal injury.

## **⚠ WARNING!**

When using electric appliances, basic precautions should always be followed, including the following:

## **SAVE THESE INSTRUCTIONS**

### **WORK AREA**

- ✿ **Keep your work area clean and well lit.** Cluttered benches and dark areas invite accidents.
- ✿ **Keep bystanders, children, and visitors away while operating an inflator.** Distractions can cause you to lose control.
- ✿ **Operate inflator in an open area at least 18 in. away from any wall or object that could restrict the flow of fresh air to ventilation openings.**

### **ELECTRICAL SAFETY**

- ✿ **To reduce the risk of electrical shock, do not put inflator in water or other liquid.** Do not place or store appliance where it can fall or be pulled into a tub or sink.
- ✿ **Use this product only with batteries and chargers listed in chapter accessories**

### **PERSONAL SAFETY**

- ✿ **Stay alert, watch what you are doing and use common sense when operating an inflator. Do not use inflator while tired or under the influence of drugs, alcohol, or medication.** A moment of inattention while operating inflator may result in serious personal injury.
- ✿ **Dress properly. Do not wear loose clothing or jewelry. Contain long hair. Keep your hair, clothing, and gloves away from moving parts.** Loose clothes, jewelry, or long hair can be caught in moving parts.
- ✿ **Do not overreach. Keep proper footing and balance at all times.** Proper footing and balance enable better control of the inflator in unexpected situations.
- ✿ **Use safety equipment. Always wear eye protection.**  
Dust mask, non-skid safety shoes, hard hat, or hearing protection must be used for appropriate conditions.
- ✿ **Eye protection is required to guard against flying fasteners and debris which could cause severe eye injury.**
- ✿ **Do not wear loose clothing or jewelry. Contain long hair.** Loose clothes, jewelry, or long hair can be drawn into air vents.
- ✿ **Do not use on a ladder or unstable support.** Stable footing on a solid surface enables better control of the inflator in unexpected situations.
- ✿ **Do not disassemble the inflator.**
- ✿ **Do not operate inflator near flammable liquids or in gaseous or explosive atmospheres.** Internal sparks may ignite fumes.
- ✿ **Do not store your inflator in a damp or wet location. Do not store in locations where the temperature is less**

than 10°C or more than 40°C. Do not store in outside sheds or in vehicles.

### INFLATOR USE AND CARE

- ✿ **Check hoses for weak or worn condition before each use, making certain all connections are secure.** Do not use if defect is found. Purchase a new hose or notify an authorized service center for examination or repair.
- ✿ **Release all pressures within the system slowly.** Dust and debris may be harmful.
- ✿ **Do not use inflator if switch does not turn it on or off.**  
An inflator that cannot be controlled with the switch is dangerous and must be repaired.
- ✿ **Place the switch off position before making any adjustments, changing accessories, or storing the inflator.** Such preventive safety measures reduce the risk of starting the inflator accidentally.
- ✿ **Store idle inflators out of reach of children and other untrained persons.** Inflators are dangerous in the hands of untrained users.
- ✿ **Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the inflator's operation. If damaged, have the inflator serviced before using.** Many accidents are caused by poorly maintained tools.
- ✿ **Use only accessories that are recommended by the manufacturer for your model.** Accessories that may be suitable for one inflator may create a risk of injury when used on another inflator.
- ✿ **Keep the inflator and its handle dry, clean and free from oil and grease.** Always use a clean cloth when cleaning. Never use brake fluids, gasoline, petroleum-based products, or any strong solvents to clean your inflator. Following this rule will reduce the risk of loss of control and deterioration of the enclosure plastic.

### GENERAL SAFETY RULES

- ✿ **Never point any inflator toward yourself or others.**
- ✿ **Keep the exterior of the inflator dry, clean, and free from oil and grease.** Always use a clean cloth when cleaning. Never use brake fluids, gasoline, petroleum-based products, or any strong solvents to clean the unit. Following this rule will reduce the risk of deterioration of the enclosure plastic.
- ✿ **Do not exceed the pressure rating of any component in the system.**
- ✿ **Protect material lines and air lines from damage or puncture.** Keep hose and power cord away from sharp objects, chemical spills, oil, solvents, and wet floors.
- ✿ **Inflator service must be performed only by qualified repair personnel.** Service or maintenance performed by unqualified personnel may result in a risk of injury.
- ✿ **When servicing an inflator, use only identical replacement parts. Follow instructions in the Maintenance section of this manual.** Use of unauthorized parts or failure to follow Maintenance Instructions may create a risk of shock or injury.

### SPECIFIC SAFETY RULES

- ✿ **Know your inflator.** Read operator's manual carefully. Learn its applications and limitations, as well as the specific potential hazards related to this tool. Following this rule will reduce the risk of electric shock, fire, or serious injury.
- ✿ **Risk of Bursting.** Do not preset inflator to result in output pressure greater than marked maximum pressure of item to be inflated. Do not use at pressure greater than 150 PSI.
- ✿ **To reduce the risk of electric shock,** do not expose to rain. Store indoors.
- ✿ **Inspect unit for cracks, pin holes, or other imperfections that could cause inflator to become unsafe.** Never cut or drill holes in the inflator.
- ✿ **Make sure the hose is free of obstructions or snags.** Entangled or snarled hoses can cause loss of balance

or footing and may become damaged.

- ✿ **Use the inflator only for its intended use. Do not alter or modify the unit from the original design or function.**
- ✿ **Always be aware that misuse and improper handling of this inflator can cause injury to yourself and others.**
- ✿ **Never leave an inflator unattended with the air hose attached to the item being inflated.**
- ✿ **Do not continue to use an inflator or hose that leaks air or does not function properly.**
- ✿ **Always disconnect the air supply and power supply before making adjustments, servicing an inflator, or when an inflator is not in use.**
- ✿ **Do not attempt to pull or carry the inflator by the hoses.**
- ✿ **Always follow all safety rules recommended by the manufacturer of your inflator, in addition to all safety rules for the inflator.** Following this rule will reduce the risk of serious personal injury.
- ✿ **Do not use inflator as a breathing device.**
- ✿ **Never direct a jet of compressed air toward people or animals. Take care not to blow dust and dirt towards yourself or others.** Following this rule will reduce the risk of serious injury.
- ✿ **Protect your lungs.** Wear a face or dust mask if the operation is dusty. Following this rule will reduce the risk of serious personal injury.
- ✿ **Do not use this inflator to spray chemicals.** Your lungs can be damaged by inhaling toxic fumes.
- ✿ **Check damaged parts. Before further use of the inflator or air tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center.** Following this rule will reduce the risk of shock, fire, or serious injury.
- ✿ **Inspect tool cords periodically and, if damaged, have repaired at your nearest Authorized Service Center. Constantly stay aware of cord location.** Following this rule will reduce the risk of electric shock or fire.
- ✿ **Risk of Bursting.** Carefully monitor objects during inflation.
- ✿ **To reduce the risk of over inflation,** use a reliable pressure gauge periodically during inflation. The pressure gauge on the inflator is for reference only and is therefore not binding for exact values.
- ✿ **Never leave the inflator unattended during inflation.**
- ✿ **Allow pump to cool** for ten (10) minutes after each ten (10) minutes of continuous use. Never block the inflating or deflating outlets while operating.
- ✿ **Save these instructions.** Refer to them frequently and use them to instruct others who may use this inflator. If you loan someone this inflator, loan them these instructions also to prevent misuse of the product and possible injury.

## 2. SYMBOLS

The following signal words and meanings are intended to explain the levels of risk associated with this product.

SYMBOL	SIGNAL	MEANING
	<b>DANGER:</b>	Indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury.
	<b>WARNING:</b>	Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.
	<b>CAUTION:</b>	Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury.
	<b>NOTE:</b>	(Without Safety Alert Symbol) Indicates important information not related to an injury hazard, such as a situation that may result in property damage.

Some of the following symbols may be used on this product. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the product better and safer.

SYMBOL	NAME	DESIGNATION/EXPLANATION
	Safety Alert	Indicates a potential personal injury hazard.
	Read Operator's Manual	To reduce the risk of injury, user must read and understand operator's manual before using this product.
	Eye Protection	Always wear eye protection with side shields
	Wet Conditions Alert	Do not expose to rain or use in damp locations.
	Hot Surface	To reduce the risk of injury or damage, avoid contact with any hot surface.
V	Volts	Voltage
min	Minutes	Time
	Direct Current	Type or a characteristic of current
$n_0$	No Load Speed	Rotational speed, at no load
.../min	Per Minute	Revolutions, strokes, surface speed, orbits etc., per minute

## 3. FEATURES

### PRODUCT SPECIFICATIONS

Motor	20V
High Pressure Hose Length	72 cm(28 in).
Low Pressure Hose Length	36cm (14in).
Gauges	PSI
Maximum Pressure	150 PSI (10 bar)

### KNOW YOUR INFLATOR/DEFLATOR

See Figure 1.

The safe use of this product requires an understanding of the information on the inflator and in this operator's manual as well as a knowledge of the project you are attempting. Before use of this product, familiarize yourself with all operating features and safety rules.

### ACCESSORIES

Accessories (adaptors and needles) provided with the inflator can be used in a variety of applications.

### ACCESSORIES STORAGE

Accessories provided with the inflator can be placed in the storage area located on the right side of the tool.

### DIGITAL GAUGE

The digital gauge measures and displays the air pressure, monitors pressure output.

### HIGH PRESSURE HOSE

The high pressure hose can easily inflate high pressure items like motorcycle, car, and bicycle tires.

### HOSE STORAGE

The inflator has twin storage areas located on each side of the inflator that allow easy storage of both hoses.

### LOW PRESSURE HOSE

The low pressure hose can easily inflate or deflate items such as air mattresses, rafts, floats, and other low pressure items requiring large quantities of air.

### POWER SWITCH

This three-position power switch operates the low pressure and high pressure hoses. When the switch is in the center position, all pump operations are off.

## 4. ASSEMBLY

### UNPACKING

This product has been shipped completely assembled.

- ✿ Carefully remove the product and any accessories from the box. Make sure that all items listed in the packing list are included.

### WARNING!

Do not attempt to modify this inflator or create accessories not recommended for use with this inflator. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.

- ✿ Inspect the product carefully to make sure no breakage or damage occurred during shipping.
- ✿ Do not discard the packing material until you have carefully inspected and satisfactorily operated the product.

### PACKING LIST

20V air compressor  
Tapered Adaptor  
Sport Ball Needle  
Presta Valve Adaptor  
Low Pressure Hose with Pinch Valve Adapter  
Operator's Manual

### WARNING!

If any parts are damaged or missing do not operate this product until the parts are replaced. Use of this product with damaged or missing parts could result in serious personal injury.

### WARNING!

Do not use this product if it is not completely assembled or if any parts appear to be missing or damaged. Use of a product that is not properly and completely assembled could result in serious personal injury.

## 5. OPERATION

### **WARNING!**

Do not allow familiarity with this product to make you careless. Remember that a careless fraction of a second is sufficient to inflict serious injury.

### **WARNING!**

Always wear eye protection with side shields. Failure to do so could result in objects being thrown into your eyes resulting in possible serious injury.

### **WARNING!**

Do not use any attachments or accessories not recommended by the manufacturer of this tool. The use of attachments or accessories not recommended can result in serious personal injury.

### **WARNING!**

Do not leave items to be inflated unattended while inflator is in use. These items can burst and could cause serious injury.

### **NOTE:**

The inflator is not designed for continuous use. For every ten minutes of inflator use, ten minutes of cool down time are required.

### **WARNING!**

Since the pressure gauge is not calibrated, and is therefore not binding for exact values, tire pressure must be checked using a reliable measuring device before driving a vehicle with vehicle tires inflated with the inflator. Driving a vehicle with improperly inflated tires could result in serious injury.

### **NOTE:**

The inflator is capable of inflating to 150 PSI. To avoid over inflation, carefully follow instructions on items to be inflated. To avoid product damage, never exceed recommended pressures.

## **APPLICATIONS**

You may use this inflator for the purpose listed below:

-  Inflating high pressure items like motorcycle, car, and bicycle tires
-  Inflating and deflating low pressure items like air mattresses, rafts and floats

## **BATTERY PROTECTION FEATURES**

lithium-ion batteries are designed with features that protect the lithium-ion cells and maximize battery life. If the product stops during use, the battery needs to be recharged.

## **TO INSTALL/REMOVE BATTERY PACK**

See Figure 2.

**⚠ WARNING!**

Always remove battery pack from your tool when you are assembling parts, making adjustments, cleaning, or when not in use. Removing battery pack will prevent accidental starting that could cause serious personal injury.

**To install:**

- ✿ Place the battery pack in the tool. Align the raised rib on the battery pack with groove in the battery port.
- ✿ Make sure the latches on each side of the battery pack snap in place and that the battery pack is secured in the tool before beginning operation.

**To remove:**

- ✿ Depress the latches on both sides of the battery pack to release the battery pack and remove it from the tool.

**⚠ WARNING!**

Improperly attached hoses or accessories can become detached under pressure and cause serious injury. Possible air leaks can cause faulty pressure readings. Make sure all connections are tightly secured.

**DUAL HOSES**

See Figures 3–4.

The inflator has two hoses for two types of inflation. The high pressure hose is for inflating high pressure items like tires and sports balls. The low pressure hose is designed for inflating or deflating low pressure, high volume items like air rafts, mattresses, and floats.

**📖 NOTE:**

Pressure gauge and preset features are relative only to high pressure hose applications.

**POWER SWITCH**

See Figure 5.

Place the power switch in the (I) position to turn on the low pressure pump or the (II) position to turn on the high pressure pump. Place the switch in the (0) or center position to stop all pump operations.

**DIGITAL GAUGE**

See Figure 6.

The digital gauge is multifunctional serving as a pressure gauge, monitoring the amount of pressure being applied to the item being inflated; pressure is indicated by PSI.

- ✿ Press the mode button to turn on the digital gauge.

**📖 NOTE:**

Make sure digital gauge is set at 0 before use. If gauge reads "Err" or needs resetting, press and hold the mode button for 4–7 seconds.

**📖 NOTE:**

After preset pressure has been set, pressure setting stays in the gauge memory for 180 seconds. To recall the previous pressure setting for up to 180 seconds after inflation, press the (+) or (-) button. To reset preset pressure, press and hold the mode button.

- ✿ Position air chuck clamp in the unlock position perpendicular to the high pressure air hose.
- ✿ Place air chuck on valve stem.
- ✿ Push air chuck down so that the threaded section of the valve stem is inside the air chuck.
- ✿ Clamp the end of the air chuck down onto the valve stem by pressing air chuck clamp down until it stops or is parallel with the high pressure air hose.

#### **NOTE:**

The pressure readout on the gauge while inflating is a measurement of the fluctuating pressure between the item and the high pressure hose. To get an accurate reading, stop inflating and follow above instructions for reading the air pressure.

### **AUTOMATIC SHUTOFF**

The digital gauge will remain on for up to five minutes. To manually shut off, press and hold the mode button until the light turns off then release the button.

### **INFLATING WITH THE LOW PRESSURE HOSE**

See Figures 7–8.

The low pressure hose is used to inflate low pressure items, such as air mattresses, pools, and floats.

#### **NOTE:**

A pinch valve adaptor comes as part of the small inflatable nozzle assembly that is attached to the end of the low pressure hose. The pinch valve adaptor is used for items that have a smaller air opening or pinch valve. Insert pinch valve adaptor into pinch valve, insuring that the tip of the adaptor is inserted past the inner “flap” inside the valve. When inflating, ensure that the tip is not blocked during inflation.

- ✿ Align the slots in the hose with the pins on the sides of the inflator.
- ✿ Turn the hose clockwise as far as it will turn.
- ✿ Press the low pressure (l) switch to start inflating.
- ✿ When the desired pressure is reached, turn the switch off.
- ✿ Remove the hose by turning it counterclockwise as far as it will turn and removing it from the inflator.
- ✿ Store the hose in hose wrap on the left side of the product.

#### **NOTE:**

Always leave low pressure hose free of obstructions and with pinch valve adaptor off when not in use. Overheating could occur low pressure hose is blocked.

### **DEFLATING WITH THE LOW PRESSURE HOSE**

See Figure 8.

The low pressure hose, when placed in the deflator, can be used to remove air from inflated items.

- ✿ Place the hose inside the deflator.
- ✿ Press the low pressure (l) switch to start deflating.
- ✿ When the item has been deflated, turn the switch off.
- ✿ Remove the hose by pulling it from the deflator.
- ✿ Store the hose in hose wrap on the left side of the product.

## INFLATING WITH THE HIGH PRESSURE HOSE

See Figure 9.

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

### NOTE:

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

- ✿ Press mode button to activate.
- ✿ Set desired pressure.
- ✿ Place air chuck on valve stem and lock in place.
- ✿ Press the high pressure (H) switch to start inflating.
- ✿ When the desired pressure is reached, turn the switch off.
- ✿ Remove the hose and store in hose wrap on the right side of the product.
- ✿ Press and hold the mode button to deactivate the display.

### NOTE:

Stand 10 feet away from item being inflated.

## INFLATING WITH THE HIGH PRESSURE AIR HOSE AND ACCESSORIES

See Figure 10–13.

The high pressure air hose can be used with the provided adaptors to inflate a variety of items.

- ✿ To install accessory: insert adaptor (or needle) into air chuck and push air chuck clamp down until it locks into place. Inflate to desired pressure.
- ✿ Remove accessory by lifting air chuck clamp up and pulling the adaptor (or needle) from air chuck.

## INFLATING MANUALLY FOR HIGH AND LOW PRESSURE APPLICATIONS

- ✿ Connect either high or low pressure hose to item to be inflated.
- ✿ Depress power switch to proper switch (low or high pressure) until desired pressure is reached.

### NOTE:

Stand 10 feet away from item being inflated.

- ✿ Turn off power switch.

## ACCESSORIES

See Figures 11–13.

The supplied accessories perform a variety of functions. The tapered adaptor can be used on smaller pinch valves to inflate items like floats and children's toys, which usually require the user to inflate them by blowing air into them. The sport ball needle can be used to inflate any type of sports ball or any other item that requires an inflation sport ball needle.

### NOTE:

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

**To use the sport ball needle:**

- ✿ Insert sport ball needle into sports ball valve and inflate.
- ✿ Remove sport ball needle after inflation.

 **NOTE:**

Pressure required for most sports balls is too low for accurate reading on gauge.

The Presta valve adaptor can be used for Presta valve stems as described below. (See Figure 11). Before inflating a tire with a Presta valve, loosen the locking nut on the valve stem to inflate. Once inflation is complete, tighten the locking nut to seal the tire valve.

**To use the Presta valve adaptor:**

- ✿ Loosen Presta valve locking nut.
- ✿ Thread Presta valve adaptor onto valve stem with larger open end toward wheel.
- ✿ Position the air chuck clamp in the unlock position.
- ✿ Clamp the end of the air chuck down onto the Presta valve adaptor by pressing air chuck clamp down until it locks into place.
- ✿ After inflation, remove air chuck and tighten locking nut.

**ACCESSORIES STORAGE**

See Figure 14.

When not in use, adaptors and needles provided with the inflator can be placed in the storage area located on the right side of the tool.

**HOSE STORAGE**

See Figures 14–15.

When not in use, the hoses provided with the inflator can be placed in the storage areas located on both sides of the inflator.

## 6. MAINTENANCE

### **⚠ WARNING!**

When servicing, use only identical replacement parts. Use of any other parts can create a hazard or cause product damage.

### **⚠ WARNING!**

Always wear eye protection with side shields. Failure to do so could result in objects being thrown into your eyes resulting in possible serious injury.

### **GENERAL MAINTENANCE**

Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use clean cloths to remove dirt, dust, oil, grease, etc.

### **⚠ WARNING!**

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

### **BATTERY PACK REMOVAL AND PREPARATION FOR RECYCLING**

#### **⚠ WARNING!**

Upon removal, cover the battery pack's terminals with heavy-duty adhesive tape. Do not attempt to destroy or disassemble battery pack or remove any of its components. Lithium-ion and nickel-cadmium batteries must be recycled or disposed of properly. Also, never touch both terminals with metal objects and/or body parts as short circuit may result. Keep away from children. Failure to comply with these warnings could result in fire and/or serious injury.

## 7. FIGURE DESCRIPTIONS

### Fig. 1

- A Pinch valve adaptor
- B Low pressure hose
- C Power switch
- D Digital gauge
- E High pressure hose
- F Hose storage area
- G Accessory storage
- H Inflator
- I Deflator
- J Pin

### Fig. 2

- A Battery pack
- B Latches
- C Depress latches to release battery pack

### Fig. 3

- A High pressure hose

### Fig. 4

- A Low pressure hose

### Fig. 5

- A Low pressure switch (I)
- B Power switch
- C High pressure switch (II)

### Fig. 6

- A Power switch

### Fig. 7

- A Low pressure hose
- B Pinch valve adaptor

### Fig. 8

- A Deflator

### Fig. 9

- A Valve stem
- B Air chuck
- C Air hose
- D To lock
- E To unlock
- F Air chuck clamp

### Fig. 10

- A Presta valve
- B Presta valve adaptor
- C Air chuck
- D Air hose
- E To lock
- F To unlock
- G Air chuck clamp
- H Locking nut

### Fig. 11

- A To lock
- B To unlock
- C Air chuck
- D Tapered adaptor
- E Presta valve adaptor
- F Sport ball needle

### Fig. 12

- A Tapered adaptor
- B Sport ball needle
- C Presta valve adaptor

### Fig. 13

- A To tighten
- B Locking nut
- C To loosen
- D Presta valve stem

### Fig. 14

- A Accessory storage
- B Hose wrap

### Fig. 15

- A Hose wrap

## 8. TROUBLESHOOTING

1. The trigger is pressed but the device is not working: For the cordless device to work, you need a sufficiently charged battery. The battery will go flat if you do not use the cordless device for an extended period of time. Try charging the battery. Check that the battery is correctly seated in the charger. The charger will heat up while charging, this is normal.
2. The battery is leaking: At extreme temperatures or when under extreme load, a small amount of leakage may occur. If you happen to touch the liquid, immediately wash it off your skin or clothing with soap and water.
3. The battery is not charging and the light on the charger is not lit: If the battery is not charging, check that it is correctly seated in the charger and check that the indicator light is lit. If it is not lit, check that the power plug of the charger is correctly plugged into the socket. If it is, check the socket's fuse/circuit breaker.
4. The body of the device heats up after extended use: Under normal load the body, trigger and battery will heat up because the energy consumed when drilling generates heat. This is normal. Simply allow the device to cool down for several minutes.
5. The battery heats up during use: Energy drawn from the battery generates heat. It does not damage the battery, heat from drawing energy is normal. If you wish to cool the battery down, allow the device to cool down for a few minutes before continuing with work.
6. The battery heats up while charging: This is normal and is the result of chemical reactions taking place inside the battery during the charging process.
7. The charging unit will heat up while charging: This is normal and is caused by the reduction of voltage from 230V to 20V.

## 9. DISPOSAL



The machine, rechargeable batteries, accessories and packaging should be sorted for environmentalfriendly recycling.

Do not dispose of power tools and batteries/rechargeable batteries into household waste!

### Only for EC countries:



According to the European Guideline 2012/19/EU, power tools that are no longer usable, and according to the European Guideline 2006/66/EC, defective or used battery packs/batteries, must be collected separately and disposed of in an environmentally correct manner.

### INSTRUCTIONS AND INFORMATION ON DISPOSING OF USED PACKAGING MATERIALS

Put any used package material to the place determined by the municipality for waste disposal.

### DISPOSAL OF USED ELECTRIC AND ELECTRONIC EQUIPMENT



This symbol on products or accompanying documents means that used electric or electronic products must not be put to ordinary municipal waste. Hand over such products to determined collection points for proper disposal, restoration and recycling. Alternatively, in some countries of the European Union or other European countries you can return your products to your local dealer when you buy an equivalent new product. By dutiful disposal of this product you can preserve precious natural resources and you help prevent any potential adverse effects on the environment and human health which could be the results of wrong waste disposal. Ask your local authority or the nearest collection point for additional details. In case of improper disposal of this waste kind penalties can be imposed in accordance with national regulations.

### For companies in the European Union countries

Should you want to dispose of electric and electronic devices, ask your dealer or vendor for necessary information. Disposal in other countries outside the European Union. Should you want to dispose of this product, ask your local authorities or your dealer for necessary information about disposal method.



This product fulfils all basic requirements of the EU directives that apply to it.

Text, design and technical specifications can change without prior notice and we reserve the right for their change.

User manual in the original language.

## 10. ACCESSORIES

Item number	Accessory
FDUZ 79020	Battery pack 2 Ah
FDUZ 79040	Battery pack 4 Ah
FDUZ 79100	Fast charger
FDUZ 79110	Fast dual charger