

# DEWALT®



**Instruction Manual**

**DCC020I**

**20V Max\* Cordless Air Inflator**



## Definitions: Safety Alert Symbols and Words

This instruction manual uses the following safety alert symbols and words to alert you to hazardous situations and your risk of personal injury or property damage.



**DANGER:** Indicates an imminently hazardous situation which, if not avoided, **will** result in **death or serious injury**.



**WARNING:** Indicates a potentially hazardous situation which, if not avoided, **could** result in **death or serious injury**.



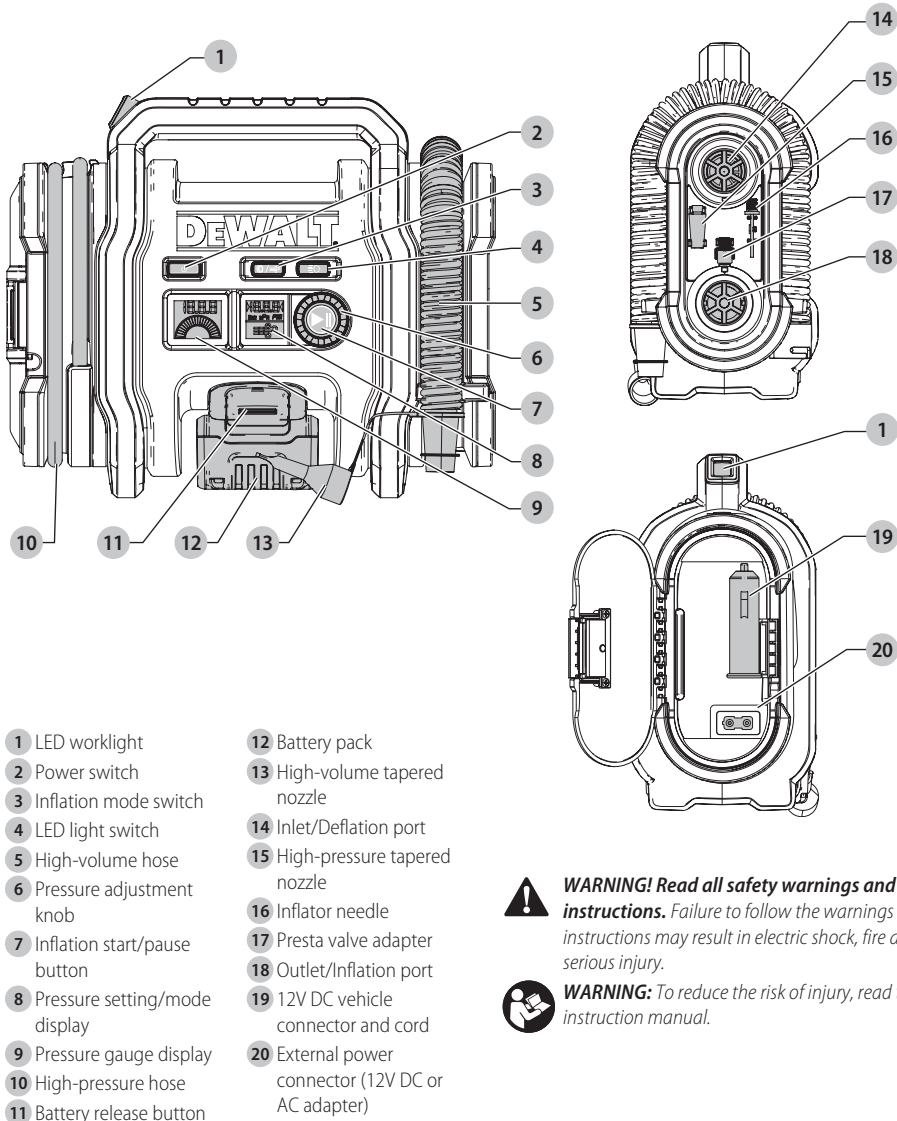
**CAUTION:** Indicates a potentially hazardous situation which, if not avoided, **may** result in **minor or moderate injury**.



(Used without word) Indicates a safety related message.

**NOTICE:** Indicates a practice **not related to personal injury** which, if not avoided, **may** result in **property damage**.

Fig. A



- |                                 |  |
|---------------------------------|--|
| 1 LED worklight                 | 12 Battery pack                                    |
| 2 Power switch                  | 13 High-volume tapered nozzle                      |
| 3 Inflation mode switch         | 14 Inlet/Deflation port                            |
| 4 LED light switch              | 15 High-pressure tapered nozzle                    |
| 5 High-volume hose              | 16 Inflator needle                                 |
| 6 Pressure adjustment knob      | 17 Presta valve adapter                            |
| 7 Inflation start/pause button  | 18 Outlet/Inflation port                           |
| 8 Pressure setting/mode display | 19 12V DC vehicle connector and cord               |
| 9 Pressure gauge display        | 20 External power connector (12V DC or AC adapter) |
| 10 High-pressure hose           |  |
| 11 Battery release button       |  |



**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.



**WARNING:** To reduce the risk of injury, read the instruction manual.

## 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 mains-operated (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 earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- b) **Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or 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 ground fault circuit interrupter (GFCI) protected supply.** Use of a GFCI 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 energizing 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.
- 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 jewelry. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewelry 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 to control.
- 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) 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 and fire.
- 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 objects, that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
- d) **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause irritation or burns.

**6) 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.

**ADDITIONAL SAFETY WARNINGS FOR YOUR INFLATOR**



**WARNING: RISK TO BREATHING.**

- *The compressed air from your inflator is not safe for breathing. Never inhale air from your inflator or from a breathing device connected to the inflator.*



**WARNING: RISK OF BURSTING.**

- *Too much air pressure causes a hazardous risk of bursting. Check the manufacturer's maximum pressure rating for objects being inflated.*
- *Do not leave inflator running unattended. It could burst tires or other items.*
- *Use a tire gauge to check the tires' pressure before each use and while inflating tires; see the tire sidewall and the vehicle manual for the correct tire pressure.*



**WARNING: RISK OF UNSAFE OPERATION.**

- *Do not modify or attempt to repair. Never drill into, weld, or make any modifications to the inflator or its attachments.*
- *Operate only with the accessories included or air handling parts acceptable for not less than 160 psi. The use of any accessory not recommended for use with this tool could be hazardous.*
- *Never "horseplay." High pressure air is dangerous. Don't direct air-flow at yourself or others.*



**WARNING: RISK OF FIRE:**

- *Inflator can become hot during use. Allow inflator to cool 30 minutes before storing away.*

**CALIFORNIA PROPOSITION 65**



**WARNING:** This product or its power cord contains lead, a chemical known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling

**Additional Safety Information**



**WARNING: ALWAYS use safety glasses.** Everyday eyeglasses are NOT safety glasses. Also use face or dust mask if cutting operation is dusty. ALWAYS WEAR CERTIFIED SAFETY EQUIPMENT:

- ANSI Z87.1 eye protection (CAN/CSA Z94.3),
- ANSI S12.6 (S3.19) hearing protection,
- NIOSH/OSHA/MSHA respiratory protection.



**WARNING: Always wear proper personal hearing protection that conforms to ANSI S12.6 (S3.19) during use.** Under some conditions and duration of use, noise from this product may contribute to hearing loss.



**CAUTION: When not in use, place tool on its side on a stable surface where it will not cause a tripping or falling hazard.** Some tools with large battery packs will stand upright on the battery pack but may be easily knocked over.

- **Air vents often cover moving parts and should be avoided.** Loose clothes, jewelry or long hair can be caught in moving parts.

The label on your tool may include the following symbols. The symbols and their definitions are as follows:

V .....	volts		..... Class II Construction (double insulated)
Hz .....	hertz		..... no load speed
min .....	minutes	n .....	..... rated speed
	or DC..... direct current		..... earthing terminal
	..... Class I Construction (grounded)		..... safety alert symbol
.../min.....	per minute		..... visible radiation
BPM .....	beats per minute		..... wear respiratory protection
IPM .....	impacts per minute		..... wear eye protection
RPM .....	revolutions per minute		..... wear hearing protection
sfpm .....	surface feet per minute		..... read all documentation
SPM .....	strokes per minute		..... do not stare at light source
A .....	amperes		
W .....	watts		
	or AC..... alternating current		
	or AC/DC..... alternating or direct current		

## ENGLISH

### LIQUID CRYSTAL DISPLAY FLUID (FIRST AID MEASURES)

#### If liquid crystal comes in contact with your skin:

- Wash area off completely with plenty of water. Remove contaminated clothing.

#### If liquid crystal gets into your eye:

- Flush the affected eye with clean water and then seek medical attention.

#### If liquid crystal is swallowed:

- Flush your mouth thoroughly with water. Drink large quantities of water and induce vomiting. Then seek medical attention.

### BATTERIES AND CHARGERS

The battery pack is not fully charged out of the carton. Before using the battery pack and charger, read the safety instructions below and then follow charging procedures outlined. When ordering replacement battery packs, be sure to include the catalog number and voltage. Your tool uses a DeWALT charger. Be sure to read all safety instructions before using your charger. Consult the chart at the end of this manual for compatibility of chargers and battery packs.

#### READ ALL INSTRUCTIONS

### Important Safety Instructions for All Battery Packs

**WARNING:** Read all safety warnings and all instructions for the battery pack, charger and power tool. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

- Do not charge or use the battery pack in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Inserting or removing the battery pack from the charger may ignite the dust or fumes.
- NEVER force the battery pack into the charger. DO NOT modify the battery pack in any way to fit into a non-compatible charger as battery pack may rupture causing serious personal injury. Consult the chart at the end of this manual for compatibility of batteries and chargers.
- Charge the battery packs only in designated DeWALT chargers.
- DO NOT splash or immerse in water or other liquids.
- Do not store or use the tool and battery pack in locations where the temperature may reach or exceed 104 °F (40 °C) (such as outside sheds or metal buildings in summer). For best life store battery packs in a cool, dry location.

**NOTE:** Do not store the battery packs in a tool with the trigger switch locked on. Never tape the trigger switch in the ON position.

- Do not incinerate the battery pack even if it is severely damaged or is completely worn out. The

battery pack can explode in a fire. Toxic fumes and materials are created when lithium ion battery packs are burned.

- If battery contents come into contact with the skin, immediately wash area with mild soap and water. If battery liquid gets into the eye, rinse water over the open eye for 15 minutes or until irritation ceases. If medical attention is needed, the battery electrolyte is composed of a mixture of liquid organic carbonates and lithium salts.
- Contents of opened battery cells may cause respiratory irritation. Provide fresh air. If symptoms persist, seek medical attention.

**WARNING:** Burn hazard. Battery liquid may be flammable if exposed to spark or flame.

**WARNING:** Fire hazard. Never attempt to open the battery pack for any reason. If the battery pack case is cracked or damaged, do not insert into the charger. Do not crush, drop or damage the battery pack. Do not use a battery pack or charger that has received a sharp blow, been dropped, run over or damaged in any way (e.g., pierced with a nail, hit with a hammer, stepped on). Damaged battery packs should be returned to the service center for recycling.

#### Transportation

**WARNING:** Fire hazard. Do not store or carry the battery pack so that metal objects can contact exposed battery terminals. For example, do not place the battery pack in aprons, pockets, tool boxes, product kit boxes, drawers, etc., with loose nails, screws, keys, etc. Transporting batteries can possibly cause fires if the battery terminals inadvertently come in contact with conductive materials such as keys, coins, hand tools and the like. The US Department of Transportation Hazardous Material Regulations (HMR) actually prohibit transporting batteries in commerce or on airplanes in carry-on baggage UNLESS they are properly protected from short circuits. So when transporting individual battery packs, make sure that the battery terminals are protected and well insulated from materials that could contact them and cause a short circuit.

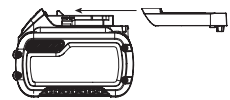
#### Shipping the DeWALT FLEXVOLT™ Battery

The DeWALT FLEXVOLT™ battery has two modes: **Use** and **Shipping**.

**Use Mode:** When the FLEXVOLT™ battery stands alone or is in a DeWALT 20V Max\* product, it will operate as a 20V Max\* battery. When the FLEXVOLT™ battery is in a 60V Max\* or a 120V Max\* (two 60V Max\* batteries) product, it will operate as a 60V Max\* battery.

**Shipping Mode:** When the cap is attached to the FLEXVOLT™ battery, the battery is in Shipping Mode.

Strings of cells are electrically disconnected within the pack resulting in three batteries with a lower Watt hour (Wh) rating as compared to one battery with a higher Watt hour rating. This increased quantity of three batteries with the lower Watt hour rating



can exempt the pack from certain shipping regulations that are imposed upon the higher Watt hour batteries.

The battery label indicates two Watt hour ratings (see example). Depending on how the battery is shipped, the appropriate Watt hour rating must be used to determine the applicable shipping requirements. If utilizing the shipping cap, the pack will be considered 3 batteries at the Watt hour rating indicated for "Shipping". If shipping without the cap or in a tool, the pack will be considered one battery at the Watt hour rating indicated next to "Use".

Example of Use and Shipping Label Marking

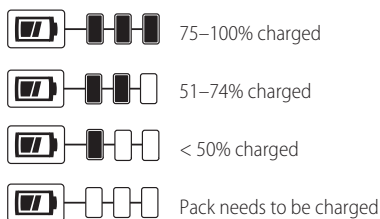
**USE: 120 Wh Shipping: 3 x 40 Wh**

For example, Shipping Wh rating might indicate 3 x 40 Wh, meaning 3 batteries of 40 Watt hours each. The Use Wh rating might indicate 120 Wh (1 battery implied).

### Fuel Gauge Battery Packs (Fig. B)

Some DEWALT battery packs include a fuel gauge which consists of three green LED lights that indicate the level of charge remaining in the battery pack.

The fuel gauge is an indication of approximate levels of charge remaining in the battery pack according to the following indicators:



To actuate the fuel gauge, press and hold the fuel gauge button. A combination of the three green LED lights will illuminate designating the level of charge left. When the level of charge in the battery is below the usable limit, the fuel gauge will not illuminate and the battery will need to be recharged.

Fig. B



**NOTE:** The fuel gauge is only an indication of the charge left on the battery pack. It does not indicate tool functionality and is subject to variation based on product components, temperature and end-user application.

### The RBRC® Seal

The RBRC® (Rechargeable Battery Recycling Corporation) Seal on the nickel cadmium, nickel metal hydride or lithium-ion batteries (or battery packs) indicates that the costs to recycle these batteries (or battery packs) at the end of their useful life have already been paid by DEWALT. In some areas, it is illegal to place



spent nickel cadmium, nickel metal hydride or lithium-ion batteries in the trash or municipal solid waste stream and the Call 2 Recycle® program provides an environmentally conscious alternative.

Call 2 Recycle, Inc., in cooperation with DEWALT and other battery users, has established the program in the United States and Canada to facilitate the collection of spent nickel cadmium, nickel metal hydride or lithium-ion batteries. Help protect our environment and conserve natural resources by returning the spent nickel cadmium, nickel metal hydride or lithium-ion batteries to an authorized DEWALT service center or to your local retailer for recycling. You may also contact your local recycling center for information on where to drop off the spent battery. RBRC® is a registered trademark of Call 2 Recycle, Inc.

### Important Safety Instructions for All Battery Chargers



**WARNING:** Read all safety warnings and all instructions for the battery pack, charger and power tool. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

- **DO NOT attempt to charge the battery pack with any chargers other than the ones in this manual.** The charger and battery pack are specifically designed to work together.
- **These chargers are not intended for any uses other than charging DEWALT rechargeable batteries.** Any other uses may result in risk of fire, electric shock or electrocution.
- **Do not expose the charger to rain or snow.**
- **Pull by the plug rather than the cord when disconnecting the charger.** This will reduce the risk of damage to the electric plug and cord.
- **Make sure that the cord is located so that it will not be stepped on, tripped over or otherwise subjected to damage or stress.**
- **Do not use an extension cord unless it is absolutely necessary.** Use of improper extension cord could result in risk of fire, electric shock or electrocution.
- **When operating a charger outdoors, always provide a dry location and use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
- **An extension cord must have adequate wire size (AWG or American Wire Gauge) for safety.** The smaller the gauge number of the wire, the greater the capacity of the cable, that is, 16 gauge has more capacity than 18 gauge. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. When using more than one extension to make up the total length, be sure each individual extension contains at least the minimum wire size. The following table shows the correct size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gauge. The lower the gauge number, the heavier the cord.

Minimum Gauge for Cord Sets

Volts		Total Length of Cord in Feet (meters)			
120 V		25 (7.6)	50 (15.2)	100 (30.5)	150 (45.7)
240 V		50 (15.2)	100 (30.5)	200 (61.0)	300 (91.4)
Ampere Rating		American Wire Gauge			
More Than	Not More Than				
0	6	18	16	16	14
6	10	18	16	14	12
10	12	16	16	14	12
12	16	14	12	Not Recommended	

- Do not place any object on top of the charger or place the charger on a soft surface that might block the ventilation slots and result in excessive internal heat. Place the charger in a position away from any heat source. The charger is ventilated through slots in the top and the bottom of the housing.
- Do not operate the charger with a damaged cord or plug.
- Do not operate the charger if it has received a sharp blow, been dropped or otherwise damaged in any way. Take it to an authorized service center.
- Do not disassemble the charger; take it to an authorized service center when service or repair is required. Incorrect reassembly may result in a risk of electric shock, electrocution or fire.
- Disconnect the charger from the outlet before attempting any cleaning. This will reduce the risk of electric shock. Removing the battery pack will not reduce this risk.
- NEVER attempt to connect 2 chargers together.
- The charger is designed to operate on standard 120V household electrical power. Do not attempt to use it on any other voltage. This does not apply to the vehicular charger.

**WARNING:** Shock hazard. Do not allow any liquid to get inside the charger. Electric shock may result.

**WARNING:** Burn hazard. Do not submerge the battery pack in any liquid or allow any liquid to enter the battery pack. Never attempt to open the battery pack for any reason. If the plastic housing of the battery pack breaks or cracks, return to a service center for recycling.

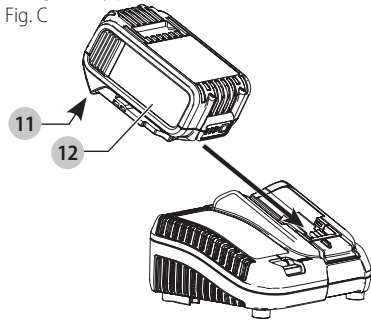
**CAUTION:** Burn hazard. To reduce the risk of injury, charge only DEWALT rechargeable battery packs. Other types of batteries may overheat and burst resulting in personal injury and property damage.

**NOTICE:** Under certain conditions, with the charger plugged into the power supply, the charger can be shorted by foreign material. Foreign materials of a conductive nature, such as, but not limited to, grinding dust, metal chips, steel wool, aluminum foil or any buildup of metallic particles should be kept away from the charger cavities. Always unplug the charger from the power supply when there is no battery pack in the cavity. Unplug the charger before attempting to clean.

Charging a Battery (Fig. C)

1. Plug the charger into an appropriate outlet before inserting battery pack.

Fig. C



2. Insert the battery pack **12** into the charger, making sure the battery pack is fully seated in the charger. The red (charging) light will blink continuously indicating that the charging process has started.
3. The completion of charge will be indicated by the red light remaining ON continuously. The battery pack is fully charged and may be used at this time or left in the charger. To remove the battery pack from the charger, push the battery release button **11** on the battery pack.

**NOTE:** To ensure maximum performance and life of lithium-ion battery packs, charge the battery pack fully before first use.

Charger Operation

Refer to the indicators below for the charge status of the battery pack.

DCB107, DCB112, DCB113, DCB115, DCB118, DCB132		
	Charging	
	Fully Charged	
	Hot/Cold Pack Delay*	

\*DCB107, DCB112, DCB113, DCB115, DCB118, DCB132: The red light will continue to blink, but a yellow indicator light will be illuminated during this operation. Once the battery pack has reached an appropriate temperature, the yellow light will turn off and the charger will resume the charging procedure.

The compatible charger(s) will not charge a faulty battery pack. The charger will indicate faulty battery pack by refusing to light.

**NOTE:** This could also mean a problem with a charger. If the charger indicates a problem, take the charger and battery pack to be tested at an authorized service center.

Hot/Cold Pack Delay

When the charger detects a battery pack that is too hot or too cold, it automatically starts a Hot/Cold Pack Delay, suspending charging until the battery pack has reached an appropriate temperature. The charger then automatically switches to the pack charging mode. This feature ensures maximum battery pack life.

A cold battery pack will charge at a slower rate than a warm battery pack. The battery pack will charge at that slower rate throughout the entire charging cycle and will not return to maximum charge rate even if the battery pack warms.

The DCB118 charger is equipped with an internal fan designed to cool the battery pack. The fan will turn on automatically when the battery pack needs to be cooled.

Never operate the charger if the fan does not operate properly or if ventilation slots are blocked. Do not permit foreign objects to enter the interior of the charger.

### Electronic Protection System

Li-Ion tools are designed with an Electronic Protection System that will protect the battery pack against overloading, overheating or deep discharge.

The tool will automatically turn off if the Electronic Protection System engages. If this occurs, place the lithium-ion battery pack on the charger until it is fully charged.

### Wall Mounting

#### DCB107, DCB112, DCB113, DCB115, DCB118, DCB132

These chargers are designed to be wall mountable or to sit upright on a table or work surface. If wall mounting, locate the charger within reach of an electrical outlet, and away from a corner or other obstructions which may impede air flow. Use the back of the charger as a template for the location of the mounting screws on the wall. Mount the charger securely using drywall screws (purchased separately) at least 1" (25.4 mm) long, with a screw head diameter of 0.28–0.35" (7–9 mm), screwed into wood to an optimal depth leaving approximately 7/32" (5.5 mm) of the screw exposed. Align the slots on the back of the charger with the exposed screws and fully engage them in the slots.

### Charger Cleaning Instructions



**WARNING:** Shock hazard. Disconnect the charger from the AC outlet before cleaning. Dirt and grease may be removed from the exterior of the charger using a cloth or soft non-metallic brush. Do not use water or any cleaning solutions.

### Important Charging Notes

1. Longest life and best performance can be obtained if the battery pack is charged when the air temperature is between 65 °F and 75 °F (18 ° – 24 °C). DO NOT charge when the battery pack is below +40 °F (+4.5 °C), or above +104 °F (+40 °C). This is important and will prevent serious damage to the battery pack.
2. The charger and battery pack may become warm to the touch while charging. This is a normal condition, and does not indicate a problem. To facilitate the cooling of the battery pack after use, avoid placing the charger or battery pack in a warm environment such as in a metal shed or an uninsulated trailer.
3. If the battery pack does not charge properly:
  - a. Check operation of receptacle by plugging in a lamp or other appliance;

- b. Check to see if receptacle is connected to a light switch which turns power off when you turn out the lights;
  - c. Move the charger and battery pack to a location where the surrounding air temperature is approximately 65 °F – 75 °F (18 ° – 24 °C);
  - d. If charging problems persist, take the tool, battery pack and charger to your local service center.
4. The battery pack should be recharged when it fails to produce sufficient power on jobs which were easily done previously. DO NOT CONTINUE to use under these conditions. Follow the charging procedure. You may also charge a partially used pack whenever you desire with no adverse effect on the battery pack.
  5. Foreign materials of a conductive nature such as, but not limited to, grinding dust, metal chips, steel wool, aluminum foil, or any buildup of metallic particles should be kept away from charger cavities. Always unplug the charger from the power supply when there is no battery pack in the cavity. Unplug the charger before attempting to clean.
  6. Do not freeze or immerse the charger in water or any other liquid.

### Storage Recommendations

1. The best storage place is one that is cool and dry, away from direct sunlight and excess heat or cold.
2. For long storage, it is recommended to store a fully charged battery pack in a cool dry place out of the charger for optimal results.

**NOTE:** Battery packs should not be stored completely depleted of charge. The battery pack will need to be recharged before use.

### SAVE THESE INSTRUCTIONS FOR FUTURE USE

### COMPONENTS (FIG. A)



**WARNING:** Never modify the power tool or any part of it. Damage or personal injury could result.

Refer to Figure A at the beginning of this manual for a complete list of components.

### Intended Use

Your DEWALT inflator is designed for professional applications.

**DO NOT** use under wet conditions or in presence of flammable liquids or gases.

This inflator is a professional power tool. **DO NOT** let children come into contact with the tool. Supervision is required when inexperienced operators use this tool.

### LED Worklight (Fig. A)

An LED worklight ① is located on the handle of the inflator. To turn the worklight on, first power on the unit by pressing the power switch ②, then press the light switch ③ on the front of the inflator. The inflator will turn off after two minutes of idle time, including the light. To turn the worklight off, press the light switch ③ again.



## ENGLISH

**NOTE:** The light will not time out until the entire unit times out.

## ASSEMBLY AND ADJUSTMENTS



**WARNING:** To reduce the risk of serious personal injury, turn unit off, remove the battery pack and disconnect it from the power source before making any adjustments or removing/installing attachments or accessories. An accidental start-up can cause injury.

### Hose and Accessory Storage (Fig. A)

#### 12V DC Vehicle Connector and Cord

- The 12V DC vehicle connector **19** can be stored inside the storage compartment on the side of the inflator.

#### High-Pressure Hose

- The high-pressure hose **10** is located on a storage channel on the side of the unit. Wrap the high-pressure hose inside the channel and secure in the provided clips.

#### High-Volume Hose

- The high-volume hose **5** is located on a storage channel on the side of the unit. Wrap the high-volume hose inside the channel and secure in the two clips.

#### Accessories

- The accessories **15**, **16** and **17** are stored in snap clips located on the side of the inflator.

### Fitting the Accessories (Fig. A)

The high-volume hose **5** comes fitted with a standard tapered nozzle **13**.

The high-pressure hose **10** can be fitted with the following attachments which can be found on the side storage panel:

- an inflation needle **16**,
- a high-pressure tapered nozzle **15**, and
- a Presta valve adapter **17**.

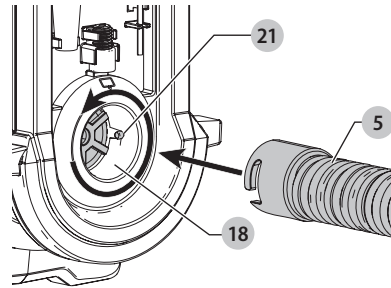
**NOTE:** Make sure each of these adapters is firmly locked in place before turning on the inflator.

### Fitting the High-Volume Hose (Fig. D)

- Remove the high-volume hose **5** from its storage location.
- Line up the notches of the hose with the nubs **21** of the high volume pump outlet/inflation port **18**. Then, slide the hose on and twist counter-clockwise to secure.
- To remove, twist the hose clockwise and slide hose off.

Many inflatables have an internal flap that prevents air loss during inflation, especially air mattresses. Unless this flap is displaced by the nozzle the inflatable will not inflate. Push the nozzle firmly into the valve to make sure that you push this flap out of the way.

Fig. D



### Pressure Calibration

The pressure sensor can be re-calibrated for use in high elevations (recommended over 5000 ft [1524 m]).

**NOTE:** Calibration will not be stored when the inflator is OFF. Every time the inflator is turned on, it will be reset to sea level calibration.

To re-calibrate, the inflator must have a battery installed or it must be plugged into a power source.

1. Make sure inflator is OFF.
2. Make sure the high-pressure hose is not connected to anything. Pressure in the hose will disable the calibration.
3. Press and hold the LED light switch **3**. While holding the LED light switch, press the power switch **2** and release.
4. Keep holding the LED light switch for 5 seconds.
5. When the calibration sequence is complete, the pressure display will flash and then display "0.0".

### OPERATION



**WARNING:** To reduce the risk of serious personal injury, turn unit off, remove the battery pack and disconnect it from the power source before making any adjustments or removing/installing attachments or accessories. An accidental start-up can cause injury.

### Installing and Removing the Battery Pack (Fig. E)

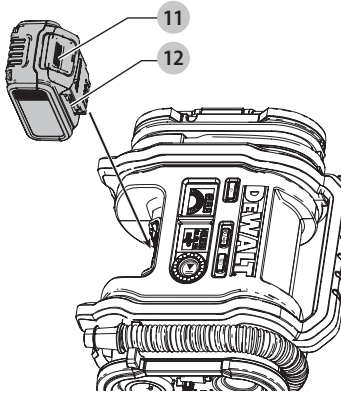
**NOTE:** For best results, make sure your battery pack is fully charged.

To install the battery pack **12** into the inflator, align the battery pack with the rails inside inflator's battery port and slide it into the port until the battery pack is firmly seated and ensure that it does not disengage.

To remove the battery pack from the tool, press the release button **11** and firmly pull the battery pack out of the tool handle. Insert it into the charger as described in the charger section of this manual.

**NOTE:** The inflator will not charge batteries.

Fig. E



## Switching On (Fig. A)

**⚠ WARNING: Risk of Bursting.** Do not leave unit running unattended. Overinflation of tires and other items could result in serious injury and property damage.

**NOTE:** When powered on, the LCD display on the inflator will remain on for approximately 2 minutes before the display shuts off/goes into sleep mode. This occurs when the unit is not operating. To wake up the system, press the power switch **2**. At this time the LCD will turn on and the inflator is ready for use.

Before switching your inflator on, decide which power source you will be using; a 20V Max\* or 60V Max\* FLEXVOLT™ battery pack **12**, the 12V DC vehicle connector **19**, or an AC power supply (optional accessory) and connect them using the following instructions. You can then press the power switch **2** located on the front of the unit.

### Powering with a 20V Max\* or 60V Max\* FLEXVOLT™ Battery Pack

**⚠ WARNING:** When using a FLEXVOLT™ battery, ensure the inflator is operating on a flat surface with screen facing upward.

To use the 20V Max\* or 60V Max\* FLEXVOLT™ battery pack, refer to **Installing and Removing the Battery Pack**.

### Powering with the 12V DC Vehicle Connector (Fig. A)

To use the 12V DC vehicle connector **19** (found in the side storage compartment), connect it to your vehicle's 12V DC accessory socket. Always fully extend the 12V DC cord before each use. Your vehicle's accessory socket must be rated for at least 10A.

### Powering with the AC Power Supply (N557514) (Optional Accessory) (Fig. F)

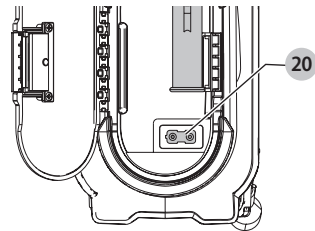
**⚠ WARNING:** Use only the external power supply recommended for this product. Use of any other external power supply could damage the inflator or power supply.

**NOTE:** The external power supply has a polarized plug. This plug will fit in a polarized outlet only one way. If the plug

does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.

To use an external power supply, attach the DC output cord from the external power supply to the external power connector **20** on the side of the unit, then plug the 120V AC cord end into the wall outlet or an appropriate-sized extension cord that is plugged into a wall outlet. Always fully extend the cord before each use.

Fig. F




## To Inflate/Deflate Using High-Volume (Fig. A)

The high-volume hose is meant to be used for objects that hold large amounts of air, such as air mattresses, rafts, and swimming pool floats.

**NOTE:** The high-volume mode DOES NOT have an auto shut-off feature.

### To Inflate

1. Remove the high-volume hose **5** from its storage channel. Attach the high-volume hose to the high-volume outlet/inflation port **18** as described in the **Fitting the High-Volume Hose** section.
2. Insert the high-volume hose **5**, or its tapered nozzle **13** into the object being inflated.
3. Press the power switch **2**.
4. Then press the inflation mode switch. You will see the inflator/deflator symbol in the pressure setting/mode display **8** .
5. Then press the inflation start/pause button **7** to turn the pump on.
6. To turn off, press the inflation start/pause button **7**.

### To Deflate

Follow steps 1 through 6 in section **To Inflate** above, but attach the high-volume hose to the inlet/deflation port **14**, Fig. A.

## To Inflate Using High-Pressure (Fig. A)

**⚠ WARNING: Risk of Bursting.** Excessive air pressure may cause a hazardous risk of bursting or personal injury. Check the manufacturer's maximum pressure rating for items being inflated.

**NOTE:** If the pressure rating for the item being inflated is above 100 psi, note that the maximum run time is 10 minutes. Leave to rest for 20 minutes before reusing.

The high-pressure hose **10** is meant to be used for objects that need more air pressure, such as tires and basketballs.

## ENGLISH

1. Remove the high-pressure hose **10** from its storage channel.
2. Attach a nozzle as described in the **Fitting the Accessories** section. Attach the chuck to the tire stem to inflate a tire, or attach an accessory to inflate a ball or other inflatable.
3. Attach or insert the nozzle into the object being inflated.
4. Press the power switch **2**. The inflator will default to High-Pressure inflation mode.  
**NOTE:** The pressure gauge display **9** will only show inflation pressures when the inflator is in high-pressure mode.  
**NOTE:** To switch between pressure units, press and hold the inflation mode switch **3** and the LED light switch **4** while rotating the pressure adjustment knob **6**.
5. Rotate the pressure adjustment knob **6** to set the desired pressure.
6. Press the inflation start/pause button **7** to begin inflation.
7. To stop the inflator at any time, press the inflation start/pause button **7**.
8. When the item to be inflated has reached the preset value, the unit will automatically turn off.  
**NOTE:** You may notice the actual pressure reading may drop after a couple of seconds. This is normal.

**NOTE:** If the power switch **2** is turned off, all settings will be lost and will need to be reentered. This is a safety feature to prevent the risk of items OVER INFLATING.

## Using the Inflator as a Pressure Gauge

1. Connect the high-pressure hose **10** to the item to be checked.
2. Press the power switch **2**.
3. The pressure gauge display **9** will display the item's pressure.

## MAINTENANCE



**WARNING:** To reduce the risk of serious personal injury, turn unit off, remove the battery pack and disconnect it from the power source before making any adjustments or removing/installing attachments or accessories. An accidental start-up can cause injury.

## Storage Recommendations

Store the inflator indoors. The best storage place is one that is cool and dry, away from direct sunlight and excess heat or cold.

## Lubrication

This unit requires no additional lubrication.

## Cleaning



**WARNING:** Blow dirt and dust out of all air vents with clean, dry air at least once a week. To minimize the risk of eye injury, always wear ANSI Z87.1 approved eye protection when performing this.



**WARNING:** Never use solvents or other harsh chemicals for cleaning the non-metallic parts of the tool. These chemicals may weaken the plastic materials used in these parts. Use a cloth dampened only with water and mild soap. Never let any liquid get inside the tool; never immerse any part of the tool into a liquid.

## Accessories



**WARNING:** Since accessories, other than those offered by DEWALT, have not been tested with this product, use of such accessories with this tool could be hazardous. To reduce the risk of injury, only DEWALT recommended accessories should be used with this product.

Recommended accessories for use with your tool are available at extra cost from your local dealer or authorized service center.

## Repairs

The charger, battery pack and external power supply are not serviceable. If the inflator will not turn on, check the battery, all connections, and the fuse in the 12V DC vehicle connector (**19**). The inflator display will show an error code under certain conditions. Refer to the **Troubleshooting Error Codes** chart.



**WARNING:** To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment (including brush inspection and replacement, when applicable) should be performed by a DEWALT factory service center or a DEWALT authorized service center. Always use identical replacement parts.

## DeWALT BATTERY AND CHARGER SYSTEMS

### Chargers/Charge Time (Minutes)

Battery Cat #	Output Voltage	120 Volts															12 Volts			
		DC9000	DC9310	DC9320	DC8095	DC8102	DC8103	DC8104	DC8107	DC8112	DC8113	DC8114	DC8115	DC8116	DC8118	DC8132	DC8119	DW0249	DC8412	
DCB609	20/60	X	X	X	X	135	135	75	432	270	230	X	135	X	75	135	X	X	X	
DCB606	20/60	X	X	X	X	100	100	60	272	170	140	X	90	X	60	90	X	X	X	
DCB404	40	X	X	X	X	X	X	X	X	X	X	90	X	30	X	X	X	X	130	
DCB406	40	X	X	X	X	X	X	X	X	X	X	130	X	45	X	X	X	X	190	
DCB407	40	X	X	X	X	X	X	X	X	X	X	170	X	60	X	X	X	X	235	
DC9360	36	45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
DCB361	36	45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
DC9280	28	60	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
DW0242	24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	60	X
DCB200	20	X	X	X	X	60	60	45/30**	140	90	67	X	45	X	45/30**	45	90	X	X	
DCB201	20	X	X	X	X	30	30	22	70	45	35	X	22	X	22	22	45	X	X	
DCB203	20	X	X	X	X	35	35	30	90	60	45	X	30	X	30	30	60	X	X	
DCB203BT*	20	X	X	X	X	35	35	30	90	60	45	X	30	X	30	30	60	X	X	
DCB204	20	X	X	X	X	70	70	60/40**	185	120	90	X	60	X	60/40**	60	120	X	X	
DCB205	20	X	X	X	X	95	95	75/47**	240	150	112	X	75	X	75/47**	75	150	X	X	
DCB205BT*	20	X	X	X	X	95	95	75	240	150	112	X	75	X	75	75	150	X	X	
DCB206	20	X	X	X	X	100	100	60	272	170	140	X	90	X	60	90	X	X	X	
DCB207	20	X	X	X	X	30	30	22	60	40	30	X	22	X	22	22	X	X	X	
DCB230	20	X	X	X	X	60	60	45	140	90	67	X	45	X	45	45	90	X	X	
DC9182	18	X	40	40	X	X	40	X	X	X	X	X	X	X	X	X	X	40	X	
DCB120	12	X	X	X	X	30	30	20	60	45	35	X	20	X	X	X	45	X	X	
DCB127	12	X	X	X	X	35	35	30	90	60	50	X	30	X	X	X	60	X	X	
DCB080	8	X	X	X	60	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

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\*\*Battery Datecode 201536 or later.

"X" Indicates that the battery pack is not compatible with that specific charger. All charge times are approximate. Actual charge time may vary. Read the instruction manual for more specific information.

\* Maximum initial battery voltage (measured without a workload) is 20, 60 or 120 volts. Nominal voltage is 18, 54 or 108. (120V Max\* is based on using 2 DeWALT 60V Max\* lithium-ion batteries combined.)