

# DEWALT®

# XR®

English (*original instructions*)

3



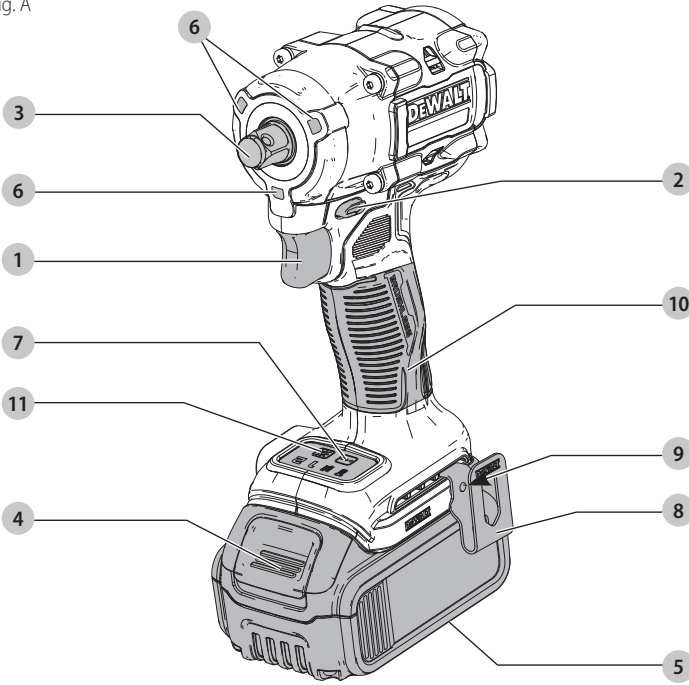
**[www.DEWALT.com](http://www.DEWALT.com)**

**DCF921**

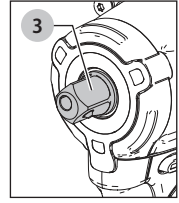
**DCF922**

**DCF923**

Fig. A



DCF922



DCF921, DCF923

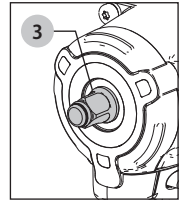


Fig. B

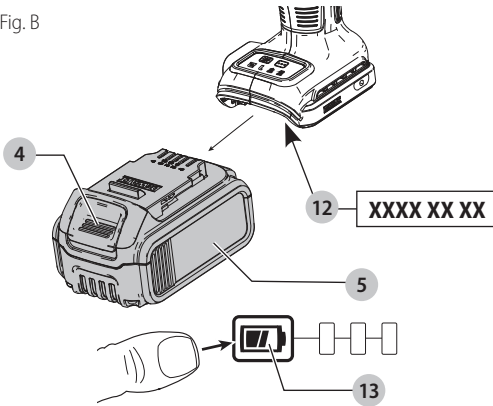
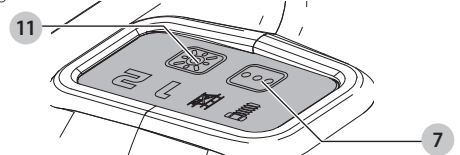


Fig. C

DCF921



DCF922, DCF923

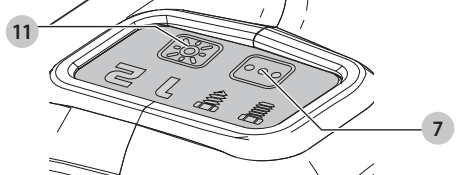
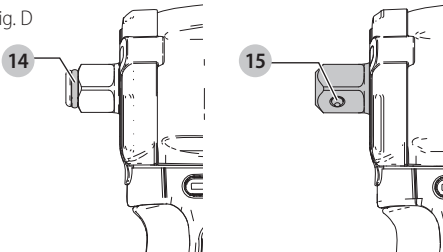


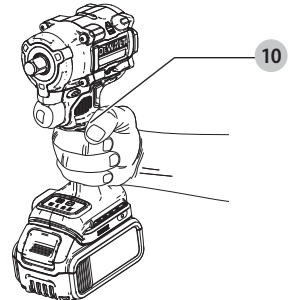
Fig. D



DCF921, DCF923


DCF922

Fig. E



# 18V CORDLESS IMPACT WRENCH

## DCF921, DCF922, DCF923

 **WARNING:** Read all safety warnings, instructions, illustrations, and specifications in this manual, including the battery and charger sections provided in an original tool manual or the separate Batteries and Chargers manual. Manuals can be obtained by contacting Customer Service (refer to the back page of this manual).


### Technical Data

		DCF921	DCF922	DCF923
Voltage	V <sub>DC</sub>	18	18	18
Type		1	1	1
Battery type		Li-Ion	Li-Ion	Li-Ion
Power output	W	415	415	415
No load speed	min <sup>-1</sup>	0–2500	0–2500	0–2500
Impact rate	min <sup>-1</sup>	0–3550	0–3550	0–3550
Max tightening torque	Nm	406	406	406
Max breakaway torque	Nm	610	610	610
Tool holder		1/2" (12.7 mm)	1/2" (12.7 mm)	3/8" (9.5 mm)
Weight (without battery pack)	kg	1.1	1.1	1.1

Noise values and/or vibration values (triax vector sum) according to EN62841-2-2:

L <sub>PA</sub> (emission sound pressure level)	dB(A)	97	97	96
L <sub>WA</sub> (sound power level)	dB(A)	108	108	107
K (uncertainty for the given sound level)	dB(A)	3	3	3
Vibration emission value a <sub>h</sub> =	m/s <sup>2</sup>	13.0	13.0	10.0
Uncertainty K =	m/s <sup>2</sup>	1.5	1.5	1.5

The vibration and/or noise emission level given in this information sheet has been measured in accordance with a standardised test given in EN62841 and may be used to compare one tool with another. It may be used for a preliminary assessment of exposure.

 **WARNING:** The declared vibration and/or noise emission level represents the main applications of the tool. However if the tool is used for different applications, with different accessories or poorly maintained, the vibration and/or noise emission may differ. This may significantly increase the exposure level over the total working period.

An estimation of the level of exposure to vibration and/or noise should also take into account the times when the tool is switched off or when it is running but not actually doing the job. This may significantly reduce the exposure level over the total working period.

Identify additional safety measures to protect the operator from the effects of vibration and/or noise such as: maintain the tool and the accessories, keep the hands warm (relevant for vibration), organisation of work patterns.

### EC-Declaration of Conformity Machinery Directive



### 18V Cordless Impact Wrench DCF921, DCF922, DCF923

DEWALT declares that these products described under **Technical Data** are in compliance with: 2006/42/EC, EN62841-1:2015, EN62841-2-2:2014.

These products also comply with Directive 2014/30/EU and 2011/65/EU. For more information, please contact DEWALT at the following address or refer to the back of the manual.

The undersigned is responsible for compilation of the technical file and makes this declaration on behalf of DEWALT.

Markus Rompel  
Vice-President Engineering, PTE-Europe  
DEWALT, Richard-Klinger-Straße 11,  
65510, Idstein, Germany  
19.05.2021

### DECLARATION OF CONFORMITY THE SUPPLY OF MACHINERY (SAFETY) REGULATIONS

2008  
**UK  
CA**

### 18V Cordless Impact Wrench DCF921, DCF922, DCF923

DEWALT declares that these products described under "technical data" are in compliance with:

The Supply of Machinery (Safety) Regulations, 2008, S.I. 2008/1597 (as amended), EN62841-1:2015, EN62841-2-2:2014.

These products conform to the following UK Regulations Electromagnetic Compatibility Regulations, 2016, S.I.2016/1091 (as amended).

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012, S.I. 2012/3032 (as amended).

For more information, please contact DEWALT at the following address or refer to the back of the manual.

The undersigned is responsible for compilation of the technical file and makes this declaration on behalf of DEWALT.

Karl Evans  
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Power Tools EANZ GTS  
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SL1 4DX  
England  
19.05.2021

Batteries				Chargers/Charge Times (Minutes)**									
Cat #	V <sub>DC</sub>	Ah	Weight (kg)	DCB104	DCB107	DCB112	DCB113	DCB115	DCB116	DCB117	DCB118	DCB132	DCB119
DCB546	18/54	6.0/2.0	1.08	60	270	170	140	90	80	40	60	90	X
DCB547	18/54	9.0/3.0	1.46	75*	420	270	220	135*	110*	60	75*	135*	X
DCB548	18/54	12.0/4.0	1.46	120	540	350	300	180	150	80	120	180	X
DCB549	18/54	15.0/5.0	2.12	125	730	450	380	230	170	90	125	230	X
DCB181	18	1.5	0.35	22	70	45	35	22	22	22	22	22	45
DCB182	18	4.0	0.61	60/40**	185	120	100	60	60/45**	60/40**	60/40**	60	120
DCB183/B/G	18	2.0	0.40	30	90	60	50	30	30	30	30	30	60
DCB184/B/G	18	5.0	0.62	75/50**	240	150	120	75	75/60**	75/50**	75/50**	75	150
DCB185	18	1.3	0.35	22	60	40	30	22	22	22	22	22	40
DCB187	18	3.0	0.54	45	140	90	70	45	45	45	45	45	90
DCB189	18	4.0	0.54	60	185	120	100	60	60	60	60	60	120
DCBP034	18	1.7	0.32	27	82	50	40	27	27	27	27	27	50

\*Date code 201811475B or later

\*\*Date code 201536 or later

\*\*\*Battery charge times matrix provided for guidance only; charge times will vary depending on temperature and condition of batteries.



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

### Definitions: Safety Guidelines

The definitions below describe the level of severity for each signal word. Please read the manual and pay attention to these symbols.

- ▲ **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**.
- NOTICE:** Indicates a practice **not related to personal injury** which, if not avoided, **may** result in **property damage**.
- ▲ Denotes risk of electric shock.
- ▲ Denotes risk of fire.

### GENERAL POWER TOOL SAFETY WARNINGS

- ▲ **WARNING:** Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below 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 residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

#### 3) Personal Safety

- a) **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- b) **Use personal protective equipment. Always wear eye protection.** Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.
- c) **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- d) **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

- e) **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- f) **Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- g) **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.
- h) **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.

#### 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 remove the battery pack, if detachable, 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 and accessories. 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.
- h) **Keep handles and grasping surfaces dry, clean and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

#### 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.

- e) **Do not use a battery pack or tool that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
- f) **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 130 °C may cause explosion.
- g) **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

#### 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.
- b) **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers.

#### Impact Wrench Safety Warnings - All Operations

- **Hold the power tool by insulated gripping surfaces, when performing an operation where the fastener may contact hidden wiring.** Fasteners contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- **Wear ear protectors during use.** Exposure to noise can cause hearing loss.

**▲ WARNING: Impact wrenches are not torque wrenches. DO NOT use this tool for tightening fasteners to specified torques.** An independent, calibrated torque measurement device such as a torque wrench should be used when under tightened or over tightened fasteners can lead to the failure of the joint.

#### Battery Type

The following tools operate on a 18 volt battery pack:  
DCF921, DCF922, DCF923

These battery packs may be used: DCB181, DCB182, DCB183, DCB183B, DCB183G, DCB184, DCB184B, DCB184G, DCB185, DCB187, DCB189, DCBP034, DCB546, DCB547, DCB548, DCB549. Refer to **Technical Data** for more information.

#### Package Contents

The package contains:

- 1 Impact wrench
- 1 Charger
- 1 Belt hook
- 1 Li-Ion battery pack (C1, D1, E1, L1, M1, P1, S1, T1, X1, Y1 models)
- 2 Li-Ion battery packs (C2, D2, E2, L2, M2, P2, S2, T2, X2, Y2 models)
- 3 Li-Ion battery packs (C3, D3, E3, L3, M3, P3, S3, T3, X3, Y3 models)
- 1 Instruction manual

**NOTE:** Battery packs, chargers and kitboxes are not included with N models. Battery packs and chargers are not included with NT models. B models include Bluetooth® battery packs.

**NOTE:** The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth®, SIG, Inc. and any use of such marks by DEWALT is under license. Other trademarks and trade names are those of their respective owners.

- Check for damage to the tool, parts or accessories which may have occurred during transport.
- Take the time to thoroughly read and understand this manual prior to operation.

## Markings on Tool

The following pictograms are shown on the tool:



Read instruction manual before use.



Wear ear protection.



Wear eye protection.



Visible radiation. Do not stare into light.

## Date Code Position (Fig. B)

The date code **12**, which also includes the year of manufacture, is printed into the housing.

Example:

2024 XX XX

Year and Week of Manufacture

## Description (Fig. A)

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

- 1 Trigger switch
- 2 Forward/reverse button
- 3 Anvil
- 4 Battery release button
- 5 Battery pack
- 6 Worklights
- 7 Mode selector
- 8 Belt hook
- 9 Screw
- 10 Main handle
- 11 Worklight switch

## Intended Use

These impact wrenches are designed for professional impact fastening applications. The impact function makes this tool particularly useful for driving fasteners in wood, metal and concrete.

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

These impact wrenches are professional power tools.

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

- **Young children and the infirm.** This appliance is not intended for use by young children or infirm persons without supervision.
- This product is not intended for use by persons (including children) suffering from diminished physical, sensory or mental abilities; lack of experience, knowledge or skills unless they are supervised by a person responsible for their safety. Children should never be left alone with this product.

## ASSEMBLY AND ADJUSTMENTS

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

**▲ WARNING:** Use only DEWALT battery packs and chargers.

## Inserting and Removing the Battery Pack from the Tool (Fig. B)

**NOTE:** Make sure your battery pack **5** is fully charged.

### To Install the Battery Pack into the Tool Handle

1. Align the battery pack **5** with the rails inside the tool's handle (Fig. B).
2. Slide it into the handle until the battery pack is firmly seated in the tool and ensure that you hear the lock snap into place.

### To Remove the Battery Pack from the Tool

1. Press the release button **4** and firmly pull the battery pack out of the tool handle.
2. Insert battery pack into the charger.

## 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.

To actuate the fuel gauge, press and hold the fuel gauge button **13**. 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.

**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.

## Belt Hook (Optional Accessory) (Fig. A)

**▲ WARNING:** To reduce the risk of serious personal injury, DO NOT suspend tool overhead or suspend objects from the belt hook. ONLY hang tool's belt hook from a work belt.

**▲ WARNING:** To reduce the risk of serious personal injury, ensure the screw holding the belt hook is secure.

**▲ CAUTION:** To reduce the risk of personal injury or damage, DO NOT use the belt hook to hang the drill while using as a spotlight.

**IMPORTANT:** When attaching or replacing the belt hook, use only the screw **9** that is provided. Be sure to securely tighten the screw.

The belt hook **8** can be attached to either side of the tool using only the screw **9** provided, to accommodate left- or right-handed users. If the hook is not desired at all, it can be removed from the tool.

To move belt hook, remove the screw **9** that holds it in place then reassemble on the opposite side. Be sure to securely tighten the screw.

## Variable Speed Trigger Switch (Fig. A)

To turn the tool on, squeeze the trigger switch **1**. To turn the tool off, release the trigger switch. Your tool is equipped with a brake. The anvil will stop when the trigger switch is fully released. The variable speed switch enables you to select the best speed for a particular application. The more you squeeze

the trigger, the faster the tool will operate. For maximum tool life, use variable speed only for starting holes or fasteners.

**NOTE:** Continuous use in variable speed range is not recommended. It may damage the switch and should be avoided.

### Forward/Reverse Control Button (Fig. A)

A forward/reverse control button **2** determines the direction of the tool and also serves as a lock-off button.

To select forward rotation, release the trigger switch and depress the forward/reverse control button on the right side of the tool.

To select reverse, release the trigger switch and depress the forward/reverse control button on the left side of the tool.

The centre position of the control button locks the tool in the off position. When changing the position of the control button, be sure the trigger is released.

**NOTE:** The first time the tool is run after changing the direction of rotation, you may hear a click on start up. This is normal and does not indicate a problem.

### Worklights (Fig. A, C)

The worklights **6** are activated when the variable speed trigger **1** is depressed. Pressing the worklight switch **11** repeatedly will cycle through low illumination, high illumination, and off.

**NOTE:** The worklights are for lighting the immediate work surface and is not intended to be used as a flashlight.

### Mode Selector (Fig. A, C)

Your tool is equipped with a mode selector **7** which allows you to select one of four modes.

Select the mode based on the application and control the speed of the tool using the variable speed trigger **1**.

### Scaffolding Mode (Fig. C)

#### DCF921

Your tool is equipped with a mode designed for scaffolding applications. In forwards rotation it will run down the nut on the scaffold clamp and then impact for a period of time before cutting off to avoid over tightening of the fastener. In reverse rotation it will impact to break the nut free, before winding down the nut and cutting off after a period of time to limit damage to clamps.

**NOTE:** Always check scaffolding clamps are tightened correctly with a torque wrench.

### Timber Screw™ Mode (Fig. C)

#### DCF922, DCF923

Timber Screw™ mode optimises tool performance to help increase the speed of fastening applications in wood using lag bolts, lag screws and structural wood screws.

### Precision Wrench™ Mode (Fig. C)

In addition to low speed impacting modes, this tool features the Precision Wrench™ mode which grants the user greater control in both fastening and loosening applications. When set in forward, the tool will fasten at 2500 RPM until impact begins. The tool will then pause for 0.5 seconds before continuing to impact at a rate of 3550 IPM, providing the user with greater control and reducing the chance of overtightening or damaging material.

When set in reverse, the tool will impact at a normal speed and rate of 3550 IPM. Upon sensing that the fastener has broken free, the tool will cease to impact and will reduce speed to help prevent "run-off" of loose hardware.

#### Specifications DCF921

Mode	Application	RPM
Precision Wrench™	Precision Wrench™	0–2500 forward
		0–2500 reverse
Scaffolding Mode	Scaffolding Mode	0–2500 forward
		0–2500 reverse
Speed 1	Low Speed Impacting	0–1400 forward
		0–2500 reverse
Speed 2	High Speed Impacting	0–2500 forward
		0–2500 reverse

#### Specifications DCF922, DCF923

Mode	Application	RPM
Precision Wrench™	Precision Wrench™	0–2500 forward
		0–2500 reverse
Timber Screw™	Timber Screw™	0–2500 forward
		0–2500 reverse
Speed 1	Low Speed Impacting	0–1400 forward
		0–2500 reverse
Speed 2	High Speed Impacting	0–2500 forward
		0–2500 reverse

### Anvil (Fig. A, D)

**▲ WARNING:** Use only impact accessories. Non-impact accessories may break and cause a hazardous condition. Inspect accessory prior to use to ensure that it contains no cracks.

**▲ CAUTION:** Inspect anvils, detent pins, and hog rings prior to use. Missing or damaged items should be replaced before use. Place the switch in the locked off (centre) position or remove battery pack before changing accessories.

### Anvil with Detent Pin (Fig. A, D)

#### DCF922

To install an accessory on the anvil, align the hole in the side of the accessory with the detent pin **15** on the anvil **3**. Press the accessory on until the detent pin engages in the hole. Depression of detent pin may be necessary to aid installation of accessory.

To remove an accessory, depress the detent pin through the hole and pull the accessory off.

### Anvil With Hog Ring (Fig. A, D)

#### DCF921, DCF923

To install an accessory on the hog ring anvil, firmly push accessory onto the anvil **3**. The hog ring **14** compresses to allow the accessory to slide on. After accessory is installed, the hog ring applies pressure to help provide accessory retention. To remove an accessory, grasp the accessory and firmly pull it off.

**NOTE:** (DCF921) The through-hole (Fig. A, D) allows an O-ring with retaining pin or a 1-piece retaining pin to be used to help secure sockets and accessories to the tool.

## OPERATION

### Instructions for Use

**▲ WARNING:** Always observe the safety instructions and applicable regulations.

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

### Proper Hand Position (Fig. E)

**▲ WARNING:** To reduce the risk of serious personal injury, ALWAYS use proper hand position as shown.

**▲ WARNING:** To reduce the risk of serious personal injury, ALWAYS hold securely in anticipation of a sudden reaction.

Proper hand position requires one hand on the main handle **10**.

### Usage (Fig. A)

**▲ CAUTION:** Ensure fastener and/or system will withstand the level of torque generated by the tool. Excessive torque may cause breakage and possible personal injury.

- Place the accessory on the fastener head. Keep the tool pointed straight at the fastener.
- Press variable speed trigger switch **1** to start operation. Release variable speed trigger switch to stop operation. Always check torque with a torque wrench, as the fastening torque is affected by many factors including the following:
  - Voltage:** Low voltage, due to a nearly discharged battery, will reduce fastening torque.
  - Accessory size:** Failure to use the correct accessory size will cause a reduction in fastening torque.
  - Bolt size:** Larger bolt diameters generally require higher fastening torque. Fastening torque will also vary according to length, grade, and torque coefficient.
  - Bolt:** Ensure that all threads are free of rust and other debris to allow proper fastening torque.
  - Material:** The type of material and surface finish of the material will affect fastening torque.
  - Fastening time:** Longer fastening time results in increased fastening torque. Using a longer fastening time than recommended could cause the fasteners to be overstressed, stripped or damaged.

## MAINTENANCE

Your power tool has been designed to operate over a long period of time with a minimum of maintenance. Continuous satisfactory operation depends upon proper tool care and regular cleaning.

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

The charger and battery pack are not serviceable.



### Lubrication

Your power tool requires no additional lubrication.



### Cleaning

**▲ WARNING:** Blow dirt and dust out of the main housing with dry air as often as dirt is seen collecting in and around the air vents. Wear approved eye protection and approved dust mask when performing this procedure.

**▲ WARNING:** Never use solvents or other harsh chemicals for cleaning the non-metallic parts of the tool. These chemicals may weaken the 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.

### Optional 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.

Consult your dealer for further information on the appropriate accessories.

### Protecting the Environment



Separate collection. Products and batteries marked with this symbol must not be disposed of with normal household waste.

Products and batteries contain materials that can be recovered or recycled reducing the demand for raw materials. Please recycle electrical products and batteries according to local provisions. Further information is available at [www.2helpU.com](http://www.2helpU.com).

### Rechargeable Battery Pack

This long life battery pack must be recharged when it fails to produce sufficient power on jobs which were easily done before. At the end of its technical life, discard it with due care for our environment:

- Run the battery pack down completely, then remove it from the tool.
- Li-Ion cells are recyclable. Take them to your dealer or a local recycling station. The collected battery packs will be recycled or disposed of properly.









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