

INSTRUCTION MANUAL

DEWALT®

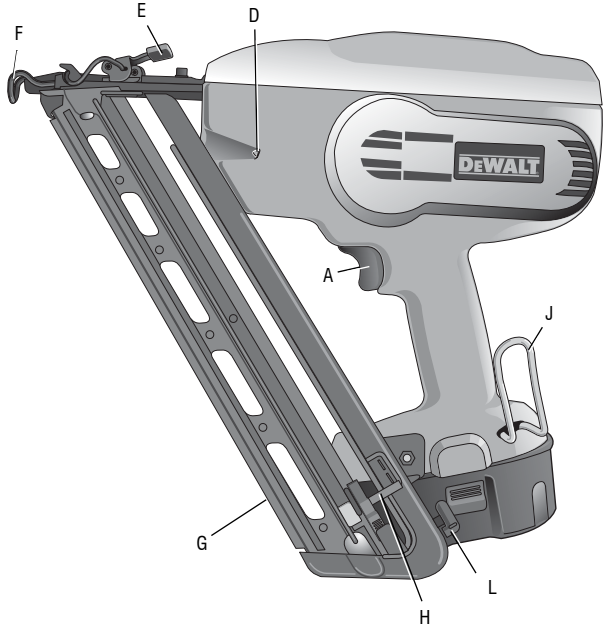
DC628-XE

DC629-XE (Sequential Fire Action only)

15 GAUGE CORDLESS NAILER

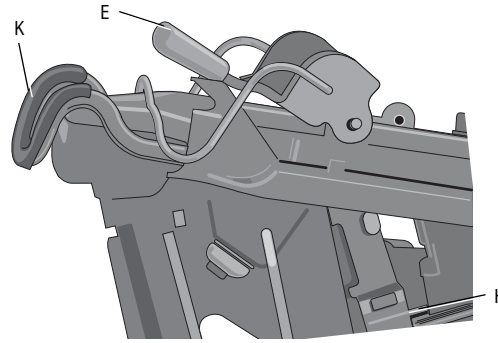
Angled 34°

FIG. 1



- A. Trigger
- B. Contact trip lock-off
- C. Depth adjustment wheel
- D. Headlights/Low battery indicator
- E. Jam clearing latch
- F. Contact trip
- G. Magazine
- H. Pusher
- I. Reversible suspension hook
- J. No-mar pad
- K. No-mar tip storage

NOTE: DC629-XE (Australia and New Zealand)
The bump feed on this model has been defeated. This tool will only fire in sequential mode



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**.

CAUTION: Used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, **may** result in **property damage**.

TOOL SPECIFICATIONS

Firing Mode	Sequential Fire Only
Voltage	18
Height	305 mm (12")
Width	127 mm (5")
Length	356 mm (14")
Weight	4.07 kg (8.9 lbs.)
Magazine Angle	34°
Loading Capacity	Up to 110 nails

NAIL SPECIFICATIONS

	Angled
Nail Lengths	32 mm, 38 mm, 51 mm, 65 mm (1-1/4", 1-1/2", 2", 2-1/2")
Shank Diameters	15 gauge
Nail Stick Angles	34°



IF YOU HAVE ANY QUESTIONS OR COMMENTS ABOUT THIS OR ANY DEWALT TOOL, CALL US AT: 1800 654 155 (Aust) or 09 09 259 1111 (NZ).

Safety instructions for Power Tools

When using power tools, always observe the safety regulations applicable in your country to reduce the risk of fire, electric shock and personal injury. Read the following safety instructions before attempting to operate this product. Keep these instructions in a safe place.

General Safety Rules – For All Battery Operated Tools

▲WARNING! Read and understand all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury.

SAVE THESE INSTRUCTIONS

WORK AREA

- **Keep your work area clean and well lit.** Cluttered benches and dark areas invite accidents.
- **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.
- **Keep bystanders, children, and visitors away while operating a power tool.** Distractions can cause you to lose control.

ELECTRICAL SAFETY

- **Do not abuse the cord. Never use the cord to carry the tool. Keep cord away from heat, oil, sharp edges or moving parts. Replace damaged cords immediately.** Damaged cords may create a fire.
- **A battery operated tool with integral batteries or a separate battery pack must be recharged only with the specified charger for the battery.** A charger that may be suitable for one type of battery may create a risk of fire when used with another battery.
- **Use battery operated tool only with the specifically designed battery pack.** Use of any other batteries may create a risk of fire.

PERSONAL SAFETY

- **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use tool while tired or under the influence of drugs, alcohol, or medication.** A moment of inattention while operating power tools 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 clothing, jewelry, or long hair can be caught in moving parts. Air vents often cover moving parts and should also be avoided.
- **Avoid accidental starting. Be sure switch is in the locked or OFF position before inserting battery pack.** Carrying tools with your finger on the switch or inserting the battery pack into a tool with the switch on invites accidents. Be sure contact trip is also in the locked off position. This prevents nailer from accidental discharge.
- **Remove adjusting keys or wrenches before turning the tool on.** A wrench or key that is left attached to a rotating part of the tool may result in personal injury.
- **Do not overreach. Keep proper footing and balance at all times.** Proper footing and balance enables better control of the tool 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.

TOOL USE AND CARE

- **Use clamps or other practical way to secure and support the workpiece to a stable platform.** Holding the work by hand or against your body is unstable and may lead to a loss of control.
- **Do not force tool. Use the correct tool for your application.** The correct tool will do the job better and safer at the rate for which it is designed.
- **Do not use tool if switch does not turn it on or off.** Any tool that cannot be controlled with the switch is dangerous and must be repaired.
- **Disconnect battery pack from tool or place the switch in the locked or off position before making any adjustments, changing accessories, or storing the tool.** Such preventative safety measures reduce the risk of starting the tool accidentally.
- **Store idle tools out of reach of children and other untrained persons.** Tools are dangerous in the hands of untrained users.
- **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 sparks, burns, or a fire.
- **Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the tool's operation. If damaged, have the tool 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 tool, may become hazardous when used on another tool.

SERVICE

- **Tool service must be performed only by qualified repair personnel.** Service or maintenance performed by unqualified personnel could result in a risk of injury.
- **When servicing a tool, 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 electric shock or injury.

Important Safety Instructions for Nailers

▲WARNING: When using any nailer, all safety precautions, as outlined below, should be followed to avoid the risk of death or serious injury. Read and understand all instructions before operating the tool.

- **Hold tool by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring.** Contact with a "live" wire will make exposed metal parts of the tool "live" and shock the operator.
- **Actuating tool may result in flying debris, collation material, or dust which could harm operator's eyes.** Operator and others in work area MUST wear safety glasses with side shields. These safety glasses must conform to ANSI Z87.1 requirements (approved glasses have "Z87" printed or stamped on them. It is the employer's responsibility to enforce the use of eye protection equipment by the tool operator and other people in the work area. (Fig. A)

FIG. A



FIG. B



FIG. C



FIG. D

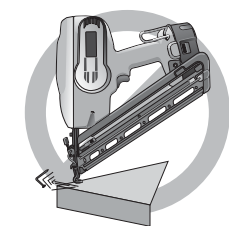


FIG. E

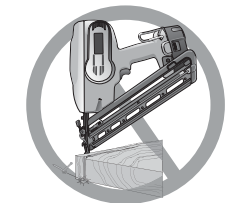
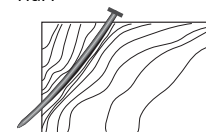


FIG. F



- **Always wear appropriate personal hearing and other protection during use.** Under some conditions and duration of use, noise from this product may contribute to hearing loss. (Fig. A)
- **Disconnect battery pack from the tool when not in use. Always remove battery pack and remove fasteners from magazine before leaving the area or passing the tool to another operator. Do not carry tool to another work area in which changing location involves the use of scaffoldings, stairs, ladders, and the like, with battery pack connected. Do not make adjustments, perform maintenance or clear jammed fasteners while battery is in place.**
- **Do not remove, tamper with, or otherwise cause the tool, trigger, contact trip lock-off, or contact trip to become inoperable.** Do not tape or tie trigger or contact trip in the ON position. Do not remove spring from contact trip. Make daily inspections for free movement of trigger and contact trip. Uncontrolled discharge could result.
- **Inspect tool before use. Do not operate a tool if any portion of the tool, trigger, contact trip lock-off, or contact trip is inoperable, disconnected, altered, or not working properly.** Damaged parts or missing parts should be repaired or replaced before use. Refer to **Repairs**.
- **Do not alter or modify the tool in any way.**
- **Always assume that the tool contains fasteners.**
- **Do not point the tool at co-workers or yourself at any time.** No horseplay! Work safe! Respect the tool as a working implement. (Fig. B)
- **Keep bystanders, children, and visitors away while operating a power tool.** Distractions can cause you to lose control. When tool is not in use, it should be locked in a safe place, out of the reach of children.
- **Always use contact trip lock-off when tool is not in immediate use.** Using the *contact trip lock-off* will prevent accidental discharge.
- **Do not overreach. Maintain proper footing and balance at all times.** Loss of balance may cause personal injury. (Fig. C)
- **Use the tool only for its intended use. Do not discharge fasteners into open air, concrete, stone, extremely hard woods, knots or any material too hard for the fastener to penetrate.** Do not use the body of the tool or top cap as a hammer. Discharged fasteners may follow unexpected path and cause injury. (Figs. D, F)
- **Do not use the body of the tool or top cap as a hammer.**
- **Always keep fingers clear of contact trip to prevent injury from inadvertent release of the pusher** (Fig. H)
- **Refer to the *Maintenance and Repairs* sections for detailed information on the proper maintenance of the tool.**
- **Always operate the tool in a clean, lighted area.** Be sure the work surface is clear of any debris and be

careful not to lose footing when working in elevated environments such as rooftops.

- **Do not drive fasteners near edge of material.** The workpiece may split causing the fastener to ricochet, injuring you or a co-worker. Be aware that the nail may follow the grain of the wood (shiner), causing it to protrude unexpectedly from the side of the work material. Drive the chisel point of the nail perpendicular to the grain to reduce risk of injury. (Figs. E, F, M)
- **Do not drive nails onto the heads of other fasteners or with the tool at too steep an angle.** Personal injury from strong recoil, jammed fasteners, or ricocheted nails may result. (Fig. G)
- **Keep hands and body parts clear of immediate work area.** Hold workpiece with clamps when necessary to keep hands and body out of potential harm. Be sure the workpiece is properly secured before pressing the nailer against the material. The contact trip may cause the work material to shift unexpectedly. (Fig. H)
- **Do not use tool in the presence of flammable dust, gases or fumes.** The tool may produce a spark that could ignite gases causing a fire. Driving a nail into another nail may also cause a spark. (Fig. I)
- **Keep face and body parts away from back of the tool cap when working in restricted areas.** Sudden recoil can result in impact to the body, especially when nailing into hard or dense material. (Fig. J)
- **Grip tool firmly to maintain control while allowing tool to recoil away from work surface as fastener is driven.** In Bump mode if contact trip is allowed to recontact work surface before trigger is released an unwanted fastener will be fired.
- **Choice of triggering method is important.** Check the manual for triggering options.

BUMP/SEQUENTIAL SELECTOR SWITCH

Sequential Action / (Fig. K)

- **When using the tool in sequential action, do not actuate the tool unless the tool is placed firmly against the workpiece.**

Bump Action // (Fig. L)

- **When using the tool in bump action, be careful of unintentional double fires resulting from tool recoil.** Unwanted fasteners may be driven if the contact trip is allowed to accidentally re-contact the work surface.

TO AVOID DOUBLE FIRES:

- Do not engage the tool against the work surface with a strong force.
- Allow the tool to recoil fully after each actuation.
- Use sequential action trigger.
- **When “bump” actuating the finish nailer, always keep tool in control.** Inaccurate placement of tool can result in misdirected discharge of a fastener.
- **Do not drive nails blindly into walls, floors or other work areas.** Fasteners driven into live electrical wires, plumbing, or other types of obstructions can result in injury. (Fig. M)

FIG. G



FIG. H

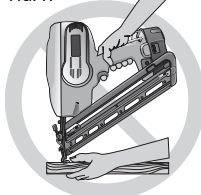


FIG. I



FIG. J

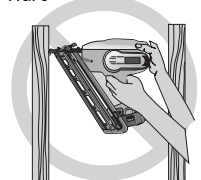


FIG. K

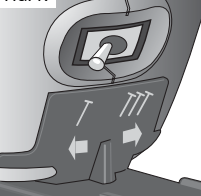
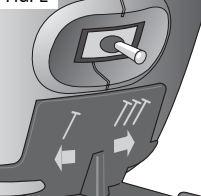


FIG. L



- **Be aware of material thickness when using nailer.** A protruding nail may cause injury.
- **DEPTH ADJUSTMENT: To reduce risk of serious injury from accidental actuation when attempting to adjust depth, ALWAYS:**
 - Remove battery pack.
 - Engage contact trip lock-off (Fig. N).
 - Avoid contact with trigger during adjustments
- **Do not drive nails blindly into walls, floors or other work areas.** Fasteners driven into live electrical wires, plumbing, or other types of obstructions can result in injury. (Fig. O)
- **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use tool while tired or under the influence of drugs, alcohol, or medication.** A moment of inattention while operating power tools may result in serious personal injury.

Additional Safety Instructions For Australia And New Zealand

- Young children and the infirm.** This appliance is not intended for use by young children or infirm persons without supervision. Young children should be supervised to ensure that they do not play with this appliance.
- Replacement of the supply cord.** If the supply cord is damaged, it must be replaced by the manufacturer or an authorised DEWALT Service Centre in order to avoid a hazard.

Extension Cords

CAUTION: Use only extension cords that are approved by the country's Electrical Authority. Before using extension cords, inspect them for loose or exposed wires, damaged insulation and defective fittings. Replace the cord if necessary.

WARNING: Use of this product will expose you to chemicals known to the State of California to cause cancer, birth defects and other reproductive harm. Avoid inhaling vapors and dust, and wash hands after using.

- **Avoid prolonged contact with dust from power sanding, sawing, grinding, drilling, and other construction activities. Wear protective clothing and wash exposed areas with soap and water.** Allowing dust to get into your mouth, eyes, or lay on the skin may promote absorption of harmful chemicals.

WARNING: Use of this tool can generate and/or disburse dust, which may cause serious and permanent respiratory or other injury. Always use NIOSH/OSHA approved respiratory protection appropriate for the dust exposure. Direct particles away from face and body.

WARNING: ALWAYS USE SAFETY GLASSES. Everyday eyeglasses are NOT safety glasses. Also use face or dust mask if 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.

FIG. M

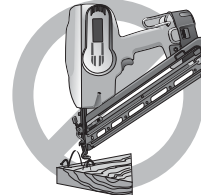


FIG. N

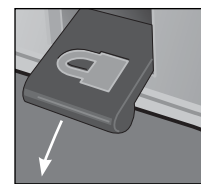
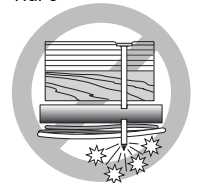


FIG. O



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.

- The label on your tool may include the following symbols. The symbols and their definitions are as follows:
- | | | | |
|-----------|--|---------|------------------------|
| V | volts | A | amperes |
| Hz | hertz | W | watts |
| min | minutes | ~ | alternating current |
| ≡ | direct current | ∅ | no load speed |
| ⚠ | Class I Construction (grounded) | ⊕ | earthing terminal |
| □ | Class II Construction (double insulated) | ⊖ | revolutions per minute |
| ⚠ | safety alert symbol | | |
| BPM | beats per minute | | |

BEFORE OPERATING THIS TOOL, CAREFULLY READ AND UNDERSTAND ALL INSTRUCTIONS IN THE “IMPORTANT SAFETY INSTRUCTIONS” SECTION.

Important Safety Instructions for Battery Packs

Your tool uses a DEWALT battery pack. When ordering replacement battery packs, be sure to include catalog number and voltage: Extended Run-Time battery packs

deliver more run-time than standard battery packs. Consult the chart at the end of this manual for compatibility of chargers and battery packs.

NOTE: Your tool will accept either standard or Extended Run Time battery packs. However, be sure to select proper voltage. Batteries slowly lose their charge when they are not on the charger, the best place to keep your battery is on the charger at all times.

The battery pack is not fully charged out of the carton. Before using the battery pack and charger, read the safety instructions below. Then follow charging procedures outlined.

READ ALL INSTRUCTIONS

- **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.
- **A small leakage of liquid from the battery pack cells may occur under extreme usage or temperature conditions.** This does not indicate a failure. However, if the outer seal is broken and this leakage gets on your skin:
 - Wash quickly with soap and water.
 - Neutralize with a mild acid such as lemon juice or vinegar.
 - If battery liquid gets into your eyes, flush them with clean water for a minimum of 10 minutes and seek immediate medical attention. (**Medical note:** The liquid is 25-35% solution of potassium hydroxide.)
- Charge the battery packs only in 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 40°C (105°F) (such as outside sheds or metal buildings in summer).**

DANGER: Electrocutation hazard. Never attempt to open the battery pack for any reason. If battery pack case is cracked or damaged, do not insert into charger. Electric shock or electrocution may result. Damaged battery packs should be returned to service center for recycling.

HOT/COLD PACK DELAY

Some chargers have a Hot/Cold Pack Delay feature: when the charger detects a battery that is hot, it automatically starts a Hot Pack Delay, suspending charging until the battery has cooled. After the battery has cooled, the charger automatically switches to the Pack Charging mode. This feature ensures maximum battery life. The red light flashes long, then short while in the Hot Pack Delay mode.

PROBLEM POWER LINE

Some chargers have a Problem Power Line indicator. When the charger is used with some portable power sources such as generators or sources that convert DC to AC, the charger may temporarily suspend operation, **flashing the red light with two fast blinks followed by a pause**. This indicates the power source is out of limits.

LEAVING THE BATTERY PACK IN THE CHARGER

The charger and battery pack can be left connected with the red light glowing indefinitely. The charger will keep the battery pack fresh and fully charged.

NOTE: A battery pack will slowly lose its charge when kept out of the charger. If the battery pack has not been kept on maintenance charge, it may need to be recharged before use. A battery pack may also slowly lose its charge if left in a charger that is not plugged into an appropriate AC source.

WEAK BATTERY PACKS: Chargers can also detect a weak battery. Such batteries are still usable but should not be expected to perform as much work. In such cases, about 10 seconds after battery insertion, the charger will beep rapidly 8 times to indicate a weak battery condition. The charger will then go on to charge the battery to the highest capacity possible.

Important Charging Notes

1. Longest life and best performance can be obtained if the battery pack is charged when the air temperature is between 18° - 24°C (65°F and 75°F). DO NOT charge the battery pack in an air temperature below +4.5°C (+40°F), or above +40.5°C (+105°F). This is important and will prevent serious damage to the battery pack.
2. The charger and battery pack may become warm to 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 current at 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 charger and battery pack to a location where the surrounding air temperature is approximately 18° - 24°C (65°F - 75°F).
 - 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. Under certain conditions, with the charger plugged into the power supply, the exposed charging contacts inside the charger can be shorted by foreign material. Foreign materials of a conductive nature such as, but not limited to, 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 charger before attempting to clean.
6. Do not freeze or immerse charger in water or any other liquid.

⚠ WARNING: Shock hazard. Don't allow any liquid to get inside charger. Electric shock may result. 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.

⚠ CAUTION: 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.

Installing and Removing the Battery Pack

⚠ CAUTION: Engage contact trip lock-off before removing or installing battery.

FIG. 3

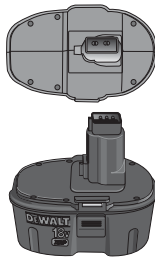
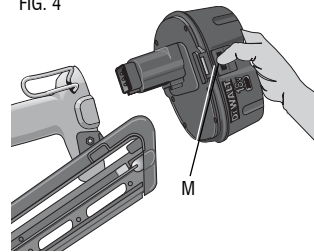


FIG. 4



NOTE: Make sure your battery pack is fully charged.

To install the battery pack into the tool handle, align the base of the tool with the notch inside the tool's handle and slide the battery pack firmly into the handle until you hear the lock snap into place.

To remove the battery pack from the tool, press the release buttons (M) and firmly pull the battery pack out of the tool handle. Insert it into the charger as described in the charger manual (Fig. 4).

COMPONENT

⚠ WARNING: Lock off trigger, disconnect battery pack from tool and remove fasteners from magazine before making adjustments or personal injury may result.

Refer to Figure 1 at the beginning of this manual for a complete list of components.

OPERATION

WARNING: Read the section titled **Important Safety Instructions for Nailers** at the beginning of this manual. Always wear eye and ear protection when operating this tool. Keep the nailer pointed away from yourself and others. For safe operation, complete the following procedures and checks before each use of the nailer.

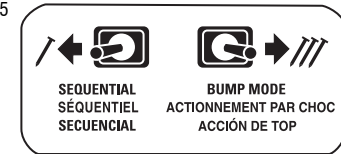
1. Wear proper eye, hearing and respiratory protection.
2. Lock the pusher in the back position and remove all fasteners from the magazine.
3. Check for smooth and proper operation of contact trip and pusher assemblies. Do not use tool if either assembly is not functioning properly. **NEVER** use a tool that has the contact trip restrained in the up position.
4. **NEVER** use a tool that has damaged parts.

⚠ WARNING: To reduce the risk of personal injury, disconnect battery pack from tool before performing maintenance, clearing a jammed fastener, leaving work area, moving tool to another location or handing the tool to another person.

Mode Selection

⚠ WARNING: ALWAYS wear proper eye [ANSI Z87.1 (CAN/CSA Z94.3)] and ANSI S12.6 (S3.19) hearing protection when operating tool. The DeWALT cordless nailers are assembled in accordance with the ANSI Standard SNT-101-2002.

FIG. 5



Before operating this tool, look at the selector switch to determine the actuation mode. Read all instructions before selecting actuation mode.

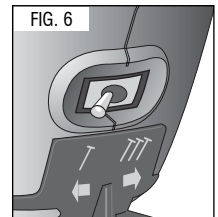
⚠ WARNING: Keep fingers AWAY from trigger when not driving fasteners to avoid accidental firing. **NEVER** carry tool with finger on trigger. In Bump mode tool will fire a fastener if safety is bumped while trigger is depressed.

SEQUENTIAL ACTION

Use sequential action for intermittent nailing where very careful and accurate placement is desired.

To operate the nailer in sequential action mode:

1. Flip the switch located on the body of the tool just between the trigger and magazine to the left, as shown in Figure 6.
2. Fully depress nosepiece against the work surface (motor will start).
3. Pull trigger (nail will drive into work surface).
4. Release trigger.
5. Lift nosepiece off work surface.
6. Repeat steps 2 through 4 for next application.



⚠ CAUTION: The contact trip needs to be depressed followed by a trigger pull for each nail followed by a release of both the contact trip and trigger after each nail.

BUMP ACTION

Bump action is intended for rapid nailing on flat, stationary surfaces.

When using bump action, two methods are available: **place actuation** and **bump actuation**.

Flip the switch located on the body of the tool just between the trigger and magazine to the right as shown in Figure 7.

To operate the tool using the **PLACE ACTUATION** method:

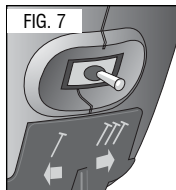
⚠ CAUTION: A nail will fire each time the trigger is depressed as long as the contact trip remains depressed.

1. Depress the contact trip against the work surface.
2. Depress the trigger.

To operate the tool using the **BUMP ACTUATION** method:

1. Depress the trigger.
2. Push the contact trip against the work surface. As long as the trigger is depressed, the tool will fire a nail every time the contact trip is depressed. This allows the user to drive multiple nails in sequence.

⚠ CAUTION: Do not keep trigger depressed when tool is not in use. Keep the contact trip lock-off engaged in the locked position when the tool is not in use.



Preparing the Tool

⚠CAUTION: NEVER spray or in any other way apply lubricants or cleaning solvents inside the tool. This can seriously affect the life and performance of the tool.

NOTE: The battery pack is not fully charged out of the carton. Follow instructions outlined (see **Charging Procedures**).



1. Read the **Safety Instruction** section of this manual.
2. Wear eye and ear protection.
3. Ensure magazine is empty of all fasteners.
4. Check for smooth and proper operation of contact trip and pusher assemblies. Do not use tool if either assembly is not functioning properly. NEVER use a tool that has the contact trip restrained in the actuated position.
5. Keep tool pointed away from yourself and others.
6. Insert fully charged battery pack.

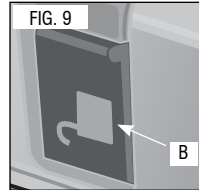
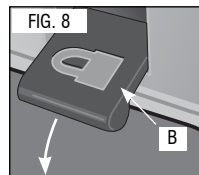
Using the Contact Trip Lock-off (Fig. 8, 9)

⚠WARNING: Do not keep trigger depressed when tool is not in use. Keep the lock-off switch rotated to the right (OFF) when the tool is not in use. Serious personal injury may result.

⚠WARNING: Lock off trigger, disconnect battery pack from tool and remove fasteners from magazine before making adjustments. Serious personal injury may result.

Each DEWALT nailer is equipped with a contact trip lock-off (B) which when pulled downward with the lock symbol showing as shown, prevents the tool from firing a nail.

When the contact trip lock-off is folded in as shown, the tool will be fully operational. The contact trip lock-off should always be locked off whenever any adjustments are made or when tool is not in immediate use.



Loading the Tool

⚠WARNING: Keep the tool pointed away from yourself and others. Serious personal injury may result.

⚠WARNING: Never load nails with the contact trip or trigger activated. Personal injury may result.

⚠WARNING: Always remove battery pack before loading or unloading nails. Serious personal injury may result.

LOAD AND DRAW METHOD (FIG. 1)

1. Insert fasteners into the rear of the magazine (G).
2. Pull pusher (H) back until the nail follower falls behind the nails.
3. Release the pusher.

LOCK AND LOAD METHOD

⚠CAUTION: Keep fingers clear of pusher to prevent injury.

⚠CAUTION: The contact trip lock-off should always be locked off whenever any adjustments are made or when tool is not in use.

1. Pull pusher back until it locks.
2. Insert fasteners into the rear of the magazine.
3. Push forward on the pusher until it releases and slides forward.

UNLOADING THE TOOL

⚠CAUTION: The contact trip lock-off should always be locked off whenever any adjustments are made or when tool is not in use.

1. Pull pusher back until it locks.
2. Tip the tool up until the nails slide freely out the back of the magazine
3. Open the jam clear door on the nosepiece to verify there are no nails remaining.

Adjusting Depth (Fig. 10)

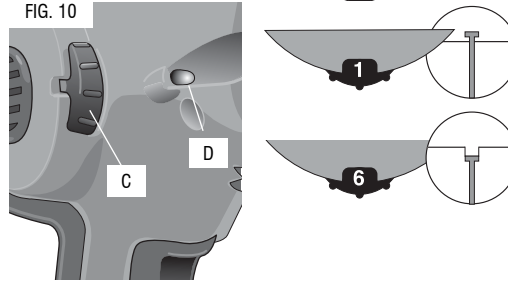
The depth that the fastener is driven can be adjusted using the depth adjustment wheel (C) on the side of the tool.

NOTE: Nailer may not drive 65 mm nails fully in dry hardwood timber.

⚠WARNING: To reduce risk of serious injury from accidental actuation when attempting to adjust depth, ALWAYS:

- Remove battery pack.
 - Engage contact trip lock-off.
 - Avoid contact with trigger during adjustments.
1. To drive the nail shallower, rotate the depth adjustment wheel (C) counterclockwise. There are six depth settings, 1 being the shallowest and 6 being the deepest.
 2. To sink a nail deeper, rotate the depth adjustment wheel (C) clockwise.

FIG. 10



Headlights (Fig. 10)

There is a headlight (D) located on each side of the nailer. Headlights turn on upon battery insertion, activation of the trigger, or depressing the contact trip. The lights will automatically shut off after 10 seconds unless tool remains in use.

NOTE: These headlights are for lighting the immediate work surface and are not intended to be used as flashlights.

LOW BATTERY INDICATOR: The headlights will flash four consecutive times and then shut down to indicate low battery.

LOW BATTERY..... ■■■■

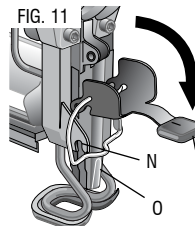
JAMMED NAIL INDICATOR: The headlights will flash continually if a nail becomes jammed in the nosepiece (see **Clearing a Jammed Nail**).

JAMMED NAIL■■■■■■■■■■■■■■■■■■■■

Clearing a Jammed Nail (Fig. 11)

If a nail becomes jammed in the nosepiece, keep the tool pointed away from you and follow these instructions to clear:

1. Remove battery pack from tool and engage contact trip lock-off.
2. Pull the pusher back until it locks in place then remove the nails.



3. Lift the jam clearing latch (E) then pull up to open front door (O).
4. Remove bent nail, using pliers if necessary.
5. If driver blade is in the down position, insert screwdriver or other rod into nosepiece and push driver blade back in position.
6. Close the front door and engage the wireform under the 2 arms (N) on the nosepiece. Push latch until it locks in place.
7. Reinsert battery pack.

NOTE: The tool will disable itself and not reset until the battery pack has been removed and reinserted.

8. Reinsert nails into magazine (see **Loading the Tool**).

9. Release pusher.

NOTE: Should nails continue to jam frequently in nosepiece, have tool serviced by an authorized DEWALT service center.

Cold Weather Operation

When operating tools at temperatures below freezing:

1. Keep tool as warm as possible prior to use.
2. Actuate the tool 5 or 6 times into scrap lumber before using.

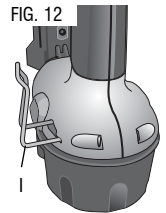
Hot Weather Operation

Tool should operate normally. However, keep tool out of direct sunlight as excessive heat can deteriorate bumpers and other rubber parts resulting in increased maintenance.

Suspension Hook (Fig. 12)

The DEWALT cordless nailers include an integrated suspension hook (I) and can be attached to either side of the tool to accommodate left- or right-handed users.

If the hook is not desired at all, it can be removed from the tool.



TO REMOVE SUSPENSION HOOK

1. Remove battery pack from tool.
2. To switch the tool from right- to left-hand usage simply remove the screw from the tool and reassemble on the other side.
3. Replace battery pack.

⚠WARNING: Remove nails from magazine before making any adjustments or servicing this tool. Failure to do so may result in serious injury.

⚠CAUTION: Disconnect battery pack from tool before making any adjustments, changing accessories, servicing, or moving the tool. Such preventative safety measures reduce the risk of starting the tool accidentally.

⚠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.

MAINTENANCE

⚠WARNING: Disconnect battery pack from tool before cleaning and inspection. Make sure tool is in proper working condition before placing the tool back in use or serious personal injury may result.

Daily Maintenance Chart

ACTION	WHY	HOW
Clean magazine, pusher, and contact trip mechanism.	Permits smooth operation of magazine, reduces wear, and prevents jams.	The use of oils, lubricants periodically or solvents is not recommended as they tend to attract debris.

- ACTION** Before each use, check to insure all screws, nuts and fasteners are tight and undamaged.
- WHY** Prevents jams and premature failure of tool parts.
- HOW** Tighten loose screws or other fasteners using the appropriate Allen wrench or screwdriver.

Cleaning

CAUTION: When cleaning, use only a damp cloth on plastic parts. Many household cleaners contain chemicals which could seriously damage plastic parts. Also, do not use gasoline, turpentine, lacquer or paint thinner, dry cleaning fluids or similar products which may seriously damage plastic parts. Never let any liquid get inside the tool; never immerse any part of the tool into a liquid.

CHARGER CLEANING INSTRUCTIONS

WARNING: 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 lubrication

CAUTION: NEVER spray or in any other way apply lubricants or cleaning solvents inside the tool. This can seriously affect the life and performance of the tool.

DEWALT tools are properly lubricated at the factory and are ready for use. However, it is recommended that, once a year, you take or send the tool to a certified service center for a thorough cleaning and inspection.



Repairs

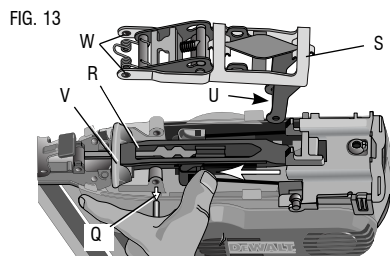
To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment (including brush inspection and replacement) should be performed by a DEWALT factory service center, a DEWALT authorized service center or other qualified service personnel. Always use identical replacement parts. Refer to the **Troubleshooting Guide** at the end of this section.

WARNING: Disconnect battery pack from tool before making any adjustments, changing accessories, servicing, or moving the tool. Such preventative safety measures reduce the risk of starting the tool accidentally.

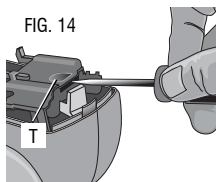
WARNING: Remove nails from magazine before making any adjustments or servicing this tool. Failure to do so may result in serious injury.

TO SERVICE

1. Remove 3 T25 slotted screws from top cover. Remove cover from housing and set aside.
2. Using a nail or punch, apply pressure to the pin (Q) sliding the pin out from the metal structure (Fig. 13).



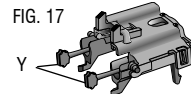
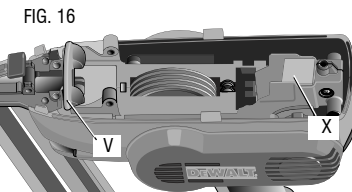
3. Push driver/return assembly (R) toward nosepiece and hold in place against the lower bumper (V) as you roll back the activation arm Assembly (S). Remove activation arm assembly and set aside.
4. Use a flat blade screwdriver to pry up on the return cord assembly (T) until the detents release. Lift up to remove (Fig. 14).



DRIVER/RETURN ASSEMBLY

Available by calling
Australia 1800 654 155
NZ 09 2591111

5. Remove the driver/return assembly (Fig. 15).
6. Inspect lower bumper (V), upper bumper (X), and other surfaces for cracks or damage and replace if necessary (Fig. 16). Replace damaged return cord assembly.



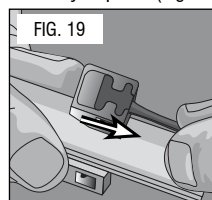
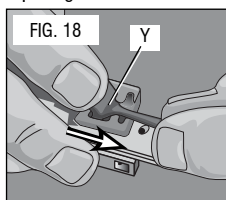
RETURN CORD ASSEMBLY

Available by calling
Australia 1800 654 155
NZ 09 2591111

TO REPLACE RETURN CORD ASSEMBLY

NOTE: For correct cord position during assembly, refer to the proper orientation of the return cord assembly in Figure 15.

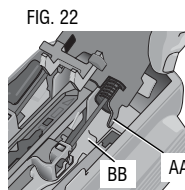
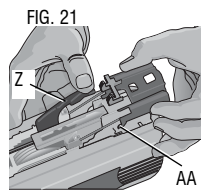
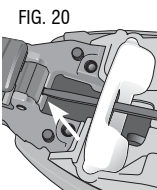
1. Align one of the rubber tabs (Y) from the new return cord assembly with the corresponding slot in the driver (Fig. 18).
2. With your finger, push and bend the rubber tab around corner (Fig. 18) while pulling the rubber cord until tab is firmly in place (Fig. 19).



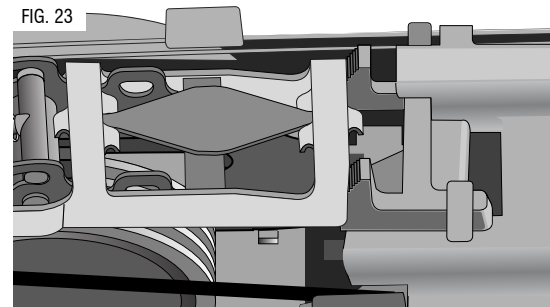
3. Repeat above procedure for other rubber cord.

TO REASSEMBLE NAILER

1. Insert the tip of the driver/return assembly blade into the matching hole in the nosepiece (Fig. 20).



2. Move contact trip (Z) to the side while pulling back on the return cord assembly (Fig. 21).
3. Engage the hooks (AA) on the return cord assembly to the notch (BB) in the metal structure then push down to snap into detents (Fig. 22).
4. Slide the driver/return assembly (R) toward the nosepiece and hold.
5. Insert activation arm assembly by first engaging the cam pin (U) to the solenoid; then align the pivot holes (W) to the metal structure (Fig. 13).
6. Slide the pin (Q) through the metal structure, capturing the activation arm assembly and spring.
7. Ensure the activation arm is fully engaged as shown in Figure 23.
8. Replace the cover to housing, insert 3 T25 slotted screws and tighten.



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 service center. If you need any assistance in locating any accessory, please contact DEWALT Industrial Tool Co., 20 Fletcher Road, Mooroolbark, VIC 3138 Australia or call 1800 654 155 or (NZ) 09 2591111.

Guarantee

Applicable to hand held Power Tools, Lasers and Nailers.

Three Year Limited Warranty

DEWALT will repair, without charge, any defects due to faulty materials or workmanship for three years from the date of purchase. Please return the complete unit, transportation prepaid, to any DEWALT Service Centre, or any authorised service station.

For warranty repair information, call (AUS) 1800 654 155 or (NZ) 09 2591111.

This warranty does not apply to

- Accessories
- Damage caused where repairs have been made or attempted by others.
- Damage due to misuse, neglect, wear and tear, alteration or modification.

This warranty gives you specific legal rights and you may have other rights under the provisions of the Consumer Guarantee Act 1993 (New Zealand only), Trade Practices Act 1974 and State Legislation (Australia only).

In addition to the warranty, DeWALT tools are covered by our:

FREE ONE YEAR SERVICE CONTRACT

DeWALT will also maintain the tool for free at any time during the first year of purchase. This includes labour, parts and lubrication required to restore the product to sound mechanical and/or electrical condition. Normal wear parts are not covered in this service. Carbon brushes worn more than 50% will be replaced.

NOTE: Three Year Warranty is not applicable to items deemed as consumables. Radial arm saws are covered by a one (1) year warranty only. DeWALT Reserves the right to review its warranty policy prior to launch of any new business development products.

30 DAY NO SATISFACTION GUARANTEE

If you are dissatisfied with any DeWALT power tool, laser or nailer, for any reason, simply return it to the point of purchase with your sales receipt within 30 days for a replacement unit or a full refund.

FREE WARNING LABEL REPLACEMENT: If your warning labels (Fig. 24) become illegible or are missing, call (AUS) 1800 654 155 or (NZ) 09 2591111 for a free replacement.

FIG. 24

DC629-XE 18 V DC 15 GA. ANGLED FINISH NAILER
32 - 65mm (1 1/4" - 2 1/2") X 15 GA. FINISH NAILS
ACCEPTS ONLY 15 GA. 34 DEGREE ANGLED FASTENERS

⚠ WARNING READ AND UNDERSTAND TOOL LABELS AND MANUAL. FAILURE TO FOLLOW WARNINGS COULD RESULT IN DEATH OR SERIOUS INJURY. OPERATORS AND OTHERS IN WORK AREA MUST WEAR ANSI Z87.1 SAFETY GLASSES WITH SIDE SHIELDS. KEEP FINGERS AWAY FROM TRIGGER WHEN NOT DRIVING FASTENERS TO AVOID ACCIDENTAL FIRING. NEVER DISABLE LOCK-OFF. USE LOCK-OFF WHEN TOOL IS NOT IN USE. ENSURE TRIGGER AND CONTACT TRIP OPERATE PROPERLY BEFORE USE. NEVER POINT TOOL AT YOURSELF OR OTHERS IN WORK AREA. REMOVE BATTERY WHEN CHECKING PROPER OPERATION OF CONTACT TRIP AND TRIGGER, CLEARING JAMS, OR SERVICING. ONLY WITH DeWALT BATTERIES AND CHARGER.

DeWALT INDUSTRIAL TOOL CO., BALTIMORE, MD 21286 USA FOR SERVICE INFORMATION, CALL AUSTRALIA 1800 654 155 NZ 09 2591111 www.DeWALT.com.au



TO SELECT ACTUATION MODE SLIDE SWITCH LEFT OR RIGHT.
PARA AJUSTAR EL MODO DE FUNCIONAMIENTO, DESLICE EL INTERRUPTOR HACIA LA DERECHA O HACIA LA IZQUIERDA.

SEQUENTIAL
SECUENCIAL

BUMP MODE
DISPARO POR CONTACTO

TROUBLESHOOTING GUIDE

MANY COMMON PROBLEMS CAN BE SOLVED EASILY BY UTILIZING THE CHART BELOW. FOR MORE SERIOUS OR PERSISTENT PROBLEMS, CONTACT A DEWALT SERVICE CENTER OR CALL **1800 654 155 (Aust)** or **09 5291111 (NZ)**.

⚠ WARNING: TO REDUCE THE RISK OF SERIOUS PERSONAL INJURY, ALWAYS DISCONNECT BATTERY PACK FROM TOOL BEFORE ALL REPAIRS

SYMPTOM	CAUSE	FIX
Tool doesn't turn on (Headlights don't turn on)	Low battery charge or damaged battery Terminals are dirty or damaged Contact trip lock is in a locked position Bent contact trip Tool internal electronics not reset Damaged internal electronics	Charge or replace battery See authorized service center Unlock contact trip lock See authorized service center Remove battery, wait 3 seconds and reinsert See authorized service center
Tool doesn't actuate (Headlights on, motor does not run)	Motor stops running after 2 seconds Contact trip or trigger not depressed Damaged trigger Bent contact trip Contact trip lock in the locked position (Sequential mode only) Damaged internal electronics	Normal operation; release trigger or contact trip and redepress See instruction manual See authorized service center See authorized service center Unlock contact trip lock See authorized service center
Tool doesn't actuate (Headlights flash 4 times)	Low battery charge or damaged battery	Charge or replace battery
Tool doesn't actuate	Jammed fastener Jammed mechanism	Remove the battery, clear the jammed fastener, (push driver blade back up manually if necessary) and reinsert battery pack See authorized service center
Tool doesn't actuate (Headlights on, motor runs)	Damaged internal electronics	See authorized service center
Tool doesn't actuate (Headlights on, motor runs, driver blade stuck down)	Damaged return system Debris in nosepiece Damaged driver/return assembly	Replace return system; see authorized service center Clean nosepiece Replace driver/return assembly; see authorized service center
Tool operates, but does not drive the fastener fully NOTE: Nailer may not drive 65 mm nails fully in dry hardwood timber.	Low battery charge or damaged battery Depth adjustment set too shallow Tool not firmly applied to workpiece Material and fastener length too rigorous an application Damaged or worn driver blade tip Damaged or worn driver/return assembly	Charge or replace battery Rotate depth adjustment wheel to a deeper setting See instruction manual Choose appropriate material or fastener length Replace driver/return assembly; see authorized service center Replace driver/return assembly; see authorized service center
Tool operates, but no fastener driven	No fasteners in magazine Wrong size or angle fasteners Debris in nosepiece Debris in magazine Worn magazine Damaged or worn driver blade Damaged pusher spring	Load fasteners into magazine Use only recommended fasteners Clean nosepiece Clean magazine Replace magazine; see authorized service center Replace driver/return assembly; see authorized service center Replace spring; see authorized service center
Jammed fastener	Wrong size or angle fasteners Damaged or worn driver blade Material and fastener length too rigorous an application Low battery charge or damaged battery Debris in nosepiece Debris in magazine Worn magazine Worn or damaged pusher spring	Use only recommended fasteners Replace driver/return assembly; see authorized service center Material or fastener length inappropriate Charge or replace battery Clean nosepiece Clean magazine Replace magazine; see authorized service center Replace spring; see authorized service center

DeWALT Battery and Charger Systems

Battery		Output Nominal	Chargers/Charge Time																
			240 Volts																12 Volts
Cat. Number	Voltage	Amp Hour	97014	98014	DW9106	DW9107	DW9108	DW9115	DW9116	DW9117	DW9118	DE9116	DE9118	DW911	DC011	DW0245	DE2046	DE9000	DW9109
DW0242	24	2.0	X	X	X	X	X	X	X	X	X	X	X	X	X	60	60	X	X
DE0240-XJ	24	2.0	X	X	X	X	X	X	X	X	X	X	X	X	X	60	60	X	X
DW0240	24	1.7	X	X	X	X	X	X	X	X	X	X	X	X	X	60	60	X	X
DW9096	18	2.4	X	X	X	X	60	X	60	20	X	60	X	60	60	X	X	X	60
DE9095-XJ	18	2.0	X	X	X	X	60	X	60	20	X	60	X	60	60	X	X	X	60
DE9091-XJ	14.4	2.0	45	45	45	45	45	15	45	15	90	45	90	45	45	X	X	X	45
DW9091	14.4	1.7	45	45	45	45	45	15	45	15	90	45	90	45	45	X	X	X	45
DC9071	12	2.4	60	60	60	60	60	15	60	15	60	60	60	60	60	X	X	X	60
DE9074-XJ	12	1.25	45	45	45	30	30	15	30	12	60	30	60	30	30	X	X	X	30
DW9072	12	1.2	45	45	45	30	30	15	30	12	60	30	60	30	30	X	X	X	30
DE9071-XJ	12	2.0	60	60	60	45	45	15	45	15	90	45	90	45	45	X	X	X	45
DW9071	12	1.7	60	60	60	45	45	15	45	15	90	45	90	45	45	X	X	X	45
DW9050	12	1.3	40	40	40	X	X	15	X	X	X	X	X	X	X	X	X	X	X
DW9063	9.6	1.25	45	45	45	30	30	15	30	12	60	30	60	30	30	X	X	X	30
DW9062	9.6	1.3	45	45	45	30	30	15	30	12	60	30	60	30	30	X	X	X	30
DW9061	9.6	1.7	60	60	60	45	45	15	45	15	90	45	90	45	45	X	X	X	45
DW9048	9.6	1.3	40	40	40	X	X	15	X	X	X	X	X	X	X	X	X	X	X
DW9057	7.2	1.25	45	45	45	30	30	15	30	12	60	30	60	30	30	X	X	X	30
DW9046	7.2	1.3	40	40	40	X	X	15	X	X	X	X	X	X	X	X	X	X	X
DC9096	18	2.4	X	X	X	X	60	X	60	20	X	60	X	60	60	X	X	X	60
DC9091	14.4	2.4	60	60	60	60	60	15	60	15	60	60	60	60	60	X	X	X	60
DC9036	36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	60	X

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.
 The battery voltage is nominal, it can measure above or below depending on the state of charge.

DeWALT Industrial Tool Co.,
 20 Fletcher Road, Mooroolbark, VIC 3138 Australia (03 8720 5100) • 5 Te Apunga Place, Mt Wellington, New Zealand (09 259 1111)
 (MAY07) Form No. 649521-00 DC628-XE, DC629-XE Copyright © 2007 DeWALT

The following are trademarks for one or more DeWALT power tools: the yellow and black color scheme; the "D" shaped air intake grill; the array of pyramids on the handgrip; the kit box configuration; and the array of lozenge-shaped humps on the surface of the tool.