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# INSTRUCTION MANUAL GUIDE D'UTILISATION MANUAL DE INSTRUCCIONES

INSTRUCTIVO DE OPERACIÓN, CENTROS DE SERVICIO Y PÓLIZA DE GARANTÍA. **ADVERTENCIA:** LÉASE ESTE INSTRUCTIVO ANTES DE USAR EL PRODUCTO.



DC330 Heavy Duty XRP<sup>™</sup> 18 Volt Cordless Jig Saw

DC330 Scie sauteuse sans cordon *XRP*<sup>MC</sup> de 18 volts à service intensif DC330 Sierra de vaivén inalámbrica de 18 voltios para trabajo pesado *XRP*<sup>™</sup> IF YOU HAVE ANY QUESTIONS OR COMMENTS ABOUT THIS OR ANY DEWALT TOOL, CALL US TOLL FREE AT: **1-800-4-DEWALT (1-800-433-9258)** 

## 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.
- **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.
- Maintain tools with care. Keep cutting tools sharp and clean. Properly maintained tools, with sharp cutting edges are less likely to bind and are easier to control.
- 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.

# Additional Specific Safety Rules for Jig Saws

- 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.
- Allow the motor to come to a complete stop before withdrawing the blade from the kerf (the slot created by cutting). A moving blade may impact the workpiece causing a broken blade, workpiece damage or loss of control and possible personal injury.
- Keep handles dry, clean, free from oil and grease. This will enable better control of the tool.
- Keep blades sharp. Dull blades may cause the saw to swerve or stall under pressure.
- Clean out your tool often, especially after heavy use. Dust and grit containing metal particles often accumulate on interior surfaces and could create an electric shock hazard.
- **Do not operate this tool for long periods of time.** Vibration caused by the operating action of this tool may cause permanent injury to fingers, hands, and arms. Use gloves to provide extra cushion, take frequent rest periods, and limit daily time of use.
- **AWARNING:** Always wear eye protection while operating this power tool.

A WARNING: Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- lead from lead-based paints,
- crystalline silica from bricks and cement and other masonry products, and
- arsenic and chromium from chemically-treated lumber (CCA).

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

• 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.

English

A 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.

A 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.

**ACAUTION: Wear appropriate hearing protection during use.** Under some conditions and duration of use, noise from this product may contribute to hearing loss.

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

Vvolts	Aamperes
Hzhertz	Wwatts
minminutes	$\sim$ alternating current
direct current	n <sub>o</sub> no load speed
Class II Construction	😑earthing terminal
$f \lambda$ safety alert symbol	/minrevolutions per minute

# Important Safety Instructions for Battery Packs

Your tool uses an 18.0 Volt 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:
  - a. Wash quickly with soap and water.
  - b. Neutralize with a mild acid such as lemon juice or vinegar.
  - c. 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 105°F (40°) (such as outside sheds or metal buildings in summer).

ADANGER: 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.

**NOTE:** Battery storage and carrying caps areprovided for use whenever the battery is out of the tool or charger. Remove cap before placing battery in charger or tool.

A WARNING: Do not store or carry battery so that metal objects can contact exposed battery terminals. For example, do not place battery in aprons, pockets, tool boxes, product kit boxes, drawers, etc., with loose nails,

an in screws, keys, etc. without battery cap. **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 (i.e., packed in suitcases and carry-on luggage) UNLESS they are properly protected from short circuits. So when transporting individual batteries, make sure that the battery terminals are protected and well insulated from materials that could contact them and cause a short circuit.

**ACAUTION:** Battery pack must be securely attached to tool. If battery pack is detached, personal injury may result.

## The RBRC<sup>™</sup> Seal

The RBRC<sup>™</sup> (Rechargeable Battery Recycling Corporation) Seal on the nickel-cadmium battery (or battery pack) indicates that the costs to recycle the battery (or battery pack) at the end of its useful life have already been paid by DEWALT. In some areas, it is illegal to place spent nickel-cadmium batteries in the trash or municipal solid waste stream and the RBRC program provides an environmentally conscious alternative.



RBRC<sup>™</sup> in cooperation with DEWALT and other battery users, has established programs in the United States to facilitate the collection of spent nickel-cadmium batteries. Help protect our environment and conserve natural resources by returning the spent nickelcadmium battery 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<sup>™</sup> is a registered trademark of the *Rechargeable Battery Recycling Corporation*.

## **Important Safety Instructions for Battery Chargers**

**SAVE THESE INSTRUCTIONS:** This manual contains important safety instructions for battery chargers.

• Before using charger, read all instructions and cautionary markings on charger, battery pack, and product using battery pack.

**ADANGER:** 120 volts are present at charging terminals. Do not probe with conductive objects. Electric shock or electrocution may result.

A WARNING: Do not allow any liquid to get inside charger. Electric shock may result. A CAUTION: To reduce the risk of injury, charge only DEWALT nickel cadmium rechargeable batteries. Other types of batteries may burst causing personal injury and damage.

**ACAUTION:** Under certain conditions, with the charger plugged in to 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.

- 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 charger to rain or snow.
- **Pull by plug rather than cord when disconnecting charger.** This will reduce risk of damage to electric plug and cord.
- Make sure that 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.

• 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. When using more than one extension to make up the total length, be sure each individual extension contains at least the minimum wire size.

#### Recommended Minimum Wire Size for Extension Cords

#### Total Length of Cord

	•g •.						
25 ft.	50 ft.	75 ft.	100 ft.	125 ft.	150 ft.	175 ft.	
7.6 m	15.2 m	22.9 m	30.5 m	38.1 m	45.7 m	53.3 m	
Wire Si	ize AWG						

18 18 16 16 14 14 12								
	18	18	16	16	14	14	12	

- Do not place any object on top of 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 charger with damaged cord or plug have them replaced immediately.
- Do not operate 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 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 household electrical power (120 Volts). Do not attempt to use it on any other voltage. This does not apply to the vehicular charger.

## Using Automatic Tune-Up<sup>™</sup> Mode

The Automatic Tune-Up<sup>™</sup> Mode equalizes or balances the individual cells in the battery pack allowing it to function at peak capacity. Battery packs should be tuned up weekly or after 10 charge/discharge cycles or whenever the pack no longer delivers the same amount of work. To use the Automatic Tune-Up<sup>™</sup>, place the battery pack in the charger and leave it for at least 8 hours. The charger will cycle through the following modes.

- 1. The red light will blink continuously indicating that the 1-hour charge cycle has started.
- 2. When the 1-hour charge cycle is complete, the light will stay on continuously and will no longer blink. This indicates that the pack is fully charged and can be used at this time.
- 3. Whenever the pack is left in the charger after the initial 1-hour charge, the charger will begin the Automatic Tune-Up<sup>™</sup> Mode. This mode continues up to 8 hours or until the individual cells in the battery pack are equalized. The battery pack is ready for use and can be removed at any time during the Tune-Up<sup>™</sup> Mode.
- Once the Automatic Tune-Up<sup>™</sup> Mode is complete the charger will transition to a maintenance charge; the indicator light shuts off when the Automatic Tune-Up<sup>™</sup> Mode is complete.

# SAVE THESE INSTRUCTIONS FOR FUTURE USE

## Chargers

Your tool uses a 7.2, 9.6, 12.0, 14.4, or 18.0 Volt DEWALT charger. Your battery can be charged in DEWALT 1 Hour Chargers, 15 Minute Chargers or Vehicular 12 Volt 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.

## **Charging Procedure**

- 1. Plug the charger into an appropriate outlet before inserting battery pack.
- 2. Insert the battery pack into the charger, as shown in Figure 3, making sure the pack is fully seated. 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 pack is fully charged and may be used at this time or left in the charger.

**ACAUTION:** 120 volts present at charging terminals. Do not probe with conductive objects. Danger of electric shock or electrocution.

## **Indicator Light Operation**



## **Charge Indicators**

Some chargers are designed to detect certain problems that can arise with battery packs. Problems are indicated by the red light flashing at a fast rate. If this occurs, re-insert battery pack into the charger. If the problem persists, try a different battery pack to determine if the charger is OK. If the new pack charges correctly, then the original pack is defective and should be returned to a service center or other collection site for recycling. If the new battery pack elicits the same trouble indication as the original, have the charger tested at an authorized service center.

#### 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**

 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 the battery pack in an air temperature below +40°F (+4.5°C), or above +105°F (+40.5°C). This is important and will prevent serious damage to the battery pack.

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- 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 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 affect 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.
- A WARNING: Don't allow any liquid to get inside charger. Electric shock may result. A 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.

# **COMPONENTS** (Fig. 1, 2)

- A. Battery release button F. Bevel lever
- B. Battery pack G. Shoe
- C. Trigger switch
- D. Lock button
- I. Dust blower control F. Blade lever J. No-mar shoe cover

### Motor

Your DEWALT tool is powered by a DEWALT-built motor. Voltage decrease of more than 10% will cause loss of power and overheating. All DEWALT tools are factory tested; if this tool does not operate, check your battery pack.

H. Cutting action lever

# **OPERATION**

## Installing and Removing the Battery Pack

NOTE: Make sure your battery pack is fully charged.

**A** CAUTION: Lock trigger switch before removing or installing battery.

To install the battery pack into the tool handle, align the base of the tool with the notch inside the tool's handle (Fig. 4) and slide the battery pack firmly into the handle until you hear the lock snap into place (Fig. 5).

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

# **Trigger Switch (Fig. 1)**

To start the jig saw, squeeze the trigger switch (C). To slow and stop the jig saw, release the trigger switch.



#### **VARIABLE SPEED**

## FIG. 6



reduce. The lock button (D) should be depressed whenever the tool is not in use to eliminate the chance of accidental starting (Fig. 6).



# **Blade Installation and Removal**

ACAUTION: Turn off tool and remove battery before making any adjustments or removing/installing attachments or accessories.

#### TO INSTALL A BLADE

NOTE: This jig saw uses only T-shank jig saw blades.

NOTE: The DT2074 flush cutting blade is for use with DEWALT DW331 and DC330 jig saws only.

NOTE: When installing flush cutting blades (DT2074), the anti-splinter insert must be removed and the shoe must to be in the 0° positive stop position.

- 1. Lift the keyless blade lever (E) as shown in Figure 7.
- 2. Insert the T-shank blade into the clamp mechanism (K) while guiding the back of the blade into the groove of the guide rollers (L).
- 3. The T-shank should be completely inside the clamp mechanism as shown in Figure 7.

#### 4. Release the keyless blade lever.

#### TO REMOVE A BLADE

- 1. Lift the keyless blade lever (E).
- 2. With a slight shake the blade will drop out.

**ACAUTION:** Do not touch used blades, they may be hot. Personal injury may result.

## **Beveling the Shoe (Fig. 8)**

To unlock the shoe, pull the keyless bevel lever (F) to the side.

To lock the shoe, push the keyless bevel lever back under the body of the jigsaw.

#### TO BEVEL THE SHOE

- 1. Unlock the shoe.
- 2. Slide the shoe (G) forward to release it from the 0° positive stop position.

- 3. The shoe can be beveled to the left or to the right and has detents at 15°, 30° and 45°. The shoe can be manually stopped at any degree between 0° and 45°.
- 4. Once the desired bevel angle is achieved, lock the shoe into place.

FIG. 8



#### TO SET SHOE BACK TO 0°

- 1. Unlock the shoe.
- 2. Rotate the shoe back to 0°.
- 3. Slide the shoe back into the 0° positive stop position.
- 4. Lock the shoe.

# Cutting Action – Orbital or Straight (Fig. 9)

This jig saw is equipped four cutting actions, FIG. 9 three orbital and one straight. Orbital action has a more aggressive blade motion and is designed for cutting in soft materials like wood or plastic. Orbital action provides a faster cut, but with a less smooth cut across the material. In orbital action, the blade moves forward during the cutting stroke in addition to the up and down motion.



NOTE: Metal or hardwoods should never be cut in orbital action.

To adjust the cutting action, move the cutting action lever (H) between the four cutting positions: 0, 1, 2, and 3. Position 0 is straight cutting. Positions 1, 2, and 3 are orbital cutting. The aggressiveness of the cut increase as the lever is adjusted from one to three, with three being the most aggressive cut.

# **Dust Blower (Fig. 10)**

FIG. 10 The dust blower helps clear the cutting area of debris created from the



blade.

**NOTE:** When cutting metal, turn the dust blower off so cutting fluids are not blown away from the blade.

To turn the dust blower on, slide the dust blower control (I) all the way to the top.

To turn the dust blower off, slide the dust blower control all the way to the bottom.

## **Removeable No-Mar Shoe Cover**

The no-mar shoe cover (J) should be used when cutting surfaces that scratch easily, such as laminate, veneer, or paint.

To attach no-mar shoe cover, place the front of the aluminum shoe (G) into the front of the no-mar shoe cover (J) and lower the jig saw. The no-mar shoe will click securely onto the rear of aluminum shoe (Fig. 11).



To remove no-mar shoe cover, grasp the no-mar shoe cover from the bottom; holding onto the two rear tabs (M) remove the no-mar shoe cover.

## Anti-Splinter Insert (Fig. 12)

NOTE: Do not use the anti-splinter insert with the flush cutting blade.

The anti-splinter insert (N) should be used when trying to minimize tear-out, especially when cutting veneer, laminate, or finished surfaces, such as paint. The anti-splinter insert should be installed into the no-mar shoe cover (J). If the no-mar cover is not used, install anti-splinter insert into shoe (G).

## Cutting

A WARNING: The jig saw should not be operated with the shoe removed or serious personal injury may result.



#### POCKET CUTTING (FIG. 13)

A pocket cut is an easy method of making an inside cut. The saw can be inserted directly into a panel or board without first drilling a lead or pilot hole. In pocket cutting, measure the surface to be cut and mark clearly with a pencil. Next tip the saw forward until the front end of the shoe sits firmly on the work surface and the blade clears the work through its full stroke. Switch the tool on and allow it to attain maximum speed. Grip the saw firmly and lower the back edge of tool slowly until the blade reaches its complete depth. Hold the shoe flat against the wood and begin cutting. Do not remove blade from cut while it is still moving. Blade must come to a complete stop.

#### FLUSH CUTTING (FIG. 14)

A flush cut is necessary when finishing off cuts up to a wall or an obstacle, such as back-splash. One of the easiest ways to accomplish the flush cut is to use a flush cutting blade (DT2074). The flush cutting blade provides the reach necessary to cut right up to the front edge of the jig saw shoe. Remove the anti-splinter insert and return the shoe to the 0° positive stop position before installing and using the flush cutting blade. For the best cut quality the flush cutting blade should be used in the 0 or 1 orbital position. The flush cutting blade should not be used to start the cut because the flush cutting blade prevents the shoe from being supported by the work surface. Use wood cutting practices explained below.



#### WOOD CUTTING

Support the workpiece adequately at all times. Use the higher speed setting for cutting wood. Do not attempt to turn the tool on when blade is against material to be cut. This could stall the motor. Place the front of shoe on the material to be cut and hold the jig saw shoe firmly against the wood while cutting. Don't force the tool; let the blade cut at its own speed. When the cut is complete, turn the jig saw off. Let blade come to a complete stop and then lay the saw aside before loosening the work.

#### METAL CUTTING

In cutting thin gauge sheet metals, it is best to clamp wood to the bottom of sheet metal; this will insure a clean cut without the risk of vibration or tearing of metal. Always remember to use a finer blade for ferrous metals (for those that have a high iron content); and use a coarser blade for non-ferrous metals (those that do not have an iron content). Use a high speed setting for cutting soft metals (aluminum, copper, brass, mild steel, galvanized. pipe, conduit sheet metal, etc.). Use lower speed to cut plastics, tile, laminate, hard metals, and cast iron.

## MAINTENANCE

## Cleaning

**A CAUTION**: 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.

Do not use gasoline, turpentine, lacquer or paint thinner, dry cleaning fluids or similar products. Never let any liquid get inside the tool; never immerse any part of the tool into a liquid.

## Lubrication

**NOTE:** 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 authorized service centers or other qualified service personnel, always using identical replacement parts.

# ACCESSORIES

Recommended accessories for use with your tool are available at extra cost from your local dealer or authorized service center. If you need assistance in locating any accessory for your tool, contact: DEWALT Industrial Tool Co., 701 East Joppa Road, Baltimore, MD 21286.

**NOTE:** The DT2074 flush cutting blade is for use with DEWALT DW331 and DC330 jig saws only.

**A CAUTION:** The use of any other accessory not recommended for use with this tool could be hazardous.

## **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. This warranty does not cover part failure due to normal wear or tool abuse. For further detail of warranty coverage and warranty repair information, visit www.dewalt.com or call 1-800-4-DEWALT. This warranty does not apply to accessories or damage caused where repairs have been made or attempted by others. This warranty gives you specific legal rights and you may have other rights which vary in certain states or provinces.

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

#### **1 YEAR FREE SERVICE**

DEWALT will maintain the tool and replace worn parts caused by normal use, for free, any time during the first year after purchase.

#### 2 YEARS FREE SERVICE ON XRP™ BATTERY PACKS

DC9096, DC9091 and DC9071

#### 90 DAY MONEY BACK GUARANTEE

If you are not completely satisfied with the performance of your DEWALT Power Tool, Laser, or Nailer for any reason, you can return it within 90 days from the date of purchase with a receipt for a full refund – no questions asked.

**FREE WARNING LABEL REPLACEMENT:** If your warning labels become illegible or are missing, call 1-800-4-DEWALT for a free replacement.



DEWALT Battery and Charger Systems													
Battery Output Chargers/Charge Time – Chargeurs/Durée de charge (Minutes) – Cargadores de baterías/Tiempo de carga (Minutos)													
120 Volts 12 Volts													
Cat Number	Voltage	DW9106	DW9118	DW9107	DW9108	DW9116	DW9216	DW9117	DW911	DC011	DW0249	DW0246	DW9109
DW0242	24	X	Х	Х	X	X	X	X	Х	Х	60	60	X
DC9096	18	X	Х	Х	60	60	60	20	60	60	X	X	60
DW9096	18	X	Х	Х	60	60	60	20	60	60	Х	Х	60
DW9098	18	Х	Х	Х	30	30	30	12	30	30	Х	X	30
DW9099	18	Х	Х	Х	45	45	45	15	45	45	X	X	45
DC9091	14.4	90	115	60	60	60	60	20	60	60	X	X	60
DW9091	14.4	45	90	45	45	45	45	15	45	45	Х	X	45
DW9094	14.4	60	60	30	30	30	30	12	30	30	Х	X	30
DC9071	12	90	115	60	60	60	60	20	60	60	X	X	60
DW9071	12	60	90	45	45	45	45	15	45	45	X	X	45
DW9072	12	45	60	30	30	30	30	12	30	30	X	X	30
DW9050	12	40	Х	Х	X	X	X	Х	Х	Х	X	X	X
DW9061	9.6	60	90	45	45	45	45	15	45	45	X	X	45
DW9062	9.6	45	60	30	30	30	30	12	30	30	X	X	30
DW9048	9.6	40	Х	Х	X	X	X	Х	Х	Х	Х	X	Х
DW9057	7.2	45	60	30	30	30	30	12	30	30	Х	Х	30
<ul> <li>X Indicates that the battery pack is not compatible with that specific charger. X indique que le bloc-piles n'est pas compatible avec ce chargeur.</li> <li>Una "X" indica que el paquete de baterías no es compatible con ese determinado cargador.</li> <li>All charge times are approximate. Actual charge time may vary. Read the instruction manual for more specific information.</li> <li>Les durées de charge sont approximatives; la durée de charge rélle peut varier. Lire le manuel d'utilisation pour obtenir des renseignements plus précis.</li> <li>El tiempo de duración de carga es aproximado; la duración de carga real puede variar. Lea el manual de instrucciones para obtener información más precisa.</li> </ul>													

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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.