

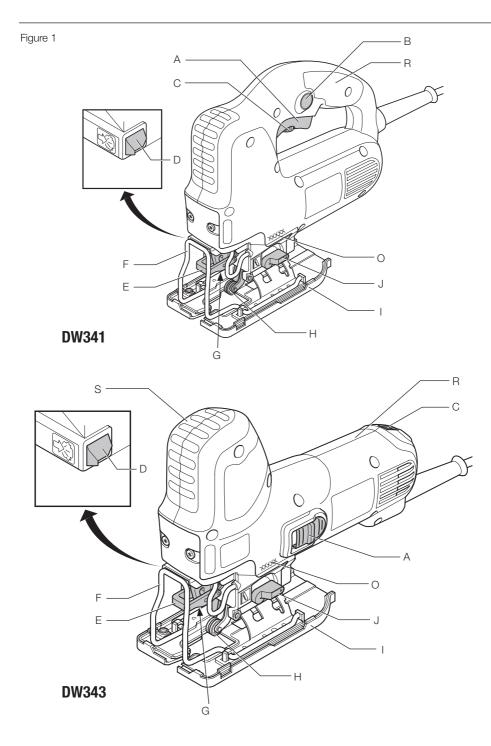
DW341 DW343

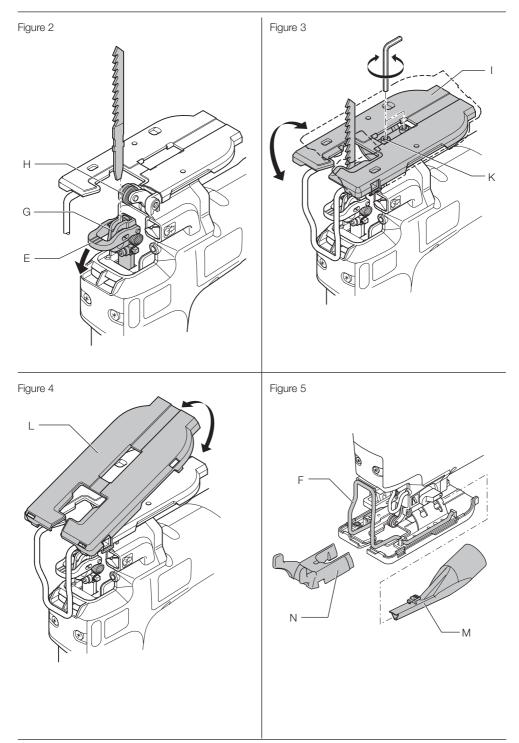
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Final Page size: A5 (148mm x 210mm)

English (original instructions)

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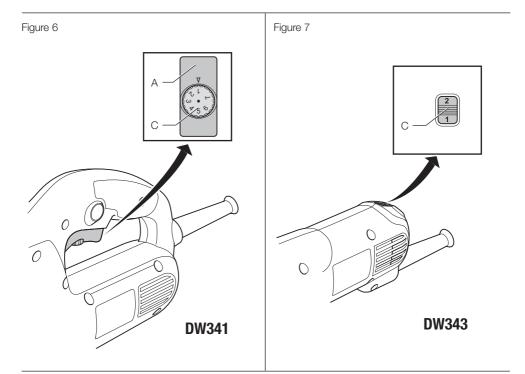
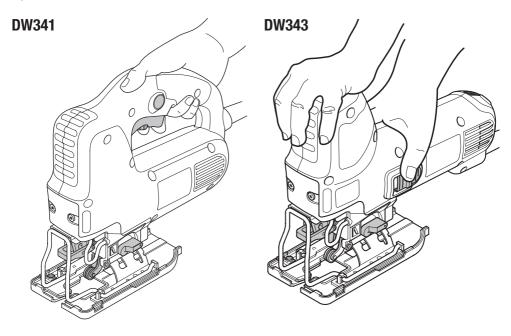


Figure 8



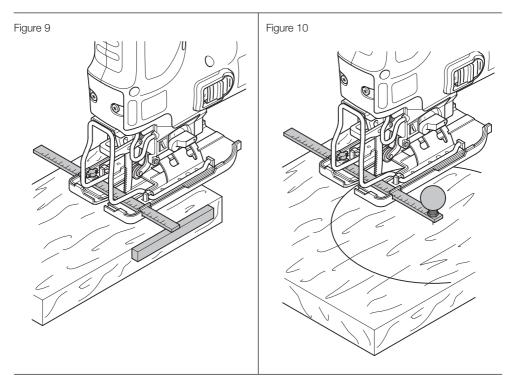
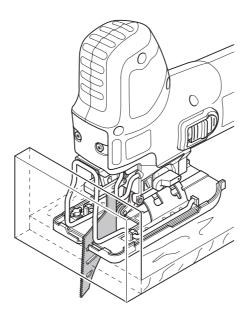


Figure 11



JIG SAW DW341, DW343

Congratulations!

You have chosen a DEWALT tool. Years of experience, thorough product development and innovation make DEWALT one of the most reliable partners for professional power tool users.

Technical Data

		DW341	DW343
Voltage	V _{DC}	230	230
UK & Ireland	V _{DC}	230/115	230
Туре		2/3	2/3
Power input	W	550	550
Power output	W	290	290
No-load speed	min ⁻¹	0-3100	1900-3100
Stroke length	mm	20	20
Cutting depth in:			
wood	mm	85	85
aluminium	mm	20	20
steel	mm	10	10
stainless steel alloy	mm	3	3
Bevel angle adjustment (I/r)		0-45°	0-45°
Weight	kg	2,0	2,0
Noise values and vibration values (triax vector sum) according to EN60745-2-11:			
L _{PA} (emission sound pressure level)	dB(A)	89	87
L _{wa} (sound power level)	dB(A)	98	96
K (uncertainty for the given sound level)	dB(A)	6,0	6,0
Cutting board			
Vibration emission value $a_{h,B} =$	m/s ²	5.5	7.4
Uncertainty K =	m/s ²	1,6	1,6
Cutting sheet metal			
Vibration emission value a _{h,M} =	m/s²	5,3	7,8
Uncertainty K =	m/s²	1,5	1,6

The vibration emission level given in this information sheet has been measured in accordance with a standardised test given in EN60745 and may be used to compare one tool with another. It may be used for a preliminary assessment of exposure.



WARNING: The declared vibration 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 emission may differ. This may significantly increase the exposure level over the total working period. An estimation of the level of exposure to vibration 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 such as: maintain the tool and the accessories, keep the hands warm, organisation of work patterns.

ENGLISH

Fuses:		
Europe	230V tools	10 Amperes, mains
U.K. & Ireland	230V tools	13 Amperes, in plugs

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 fire.

Denotes risk of electric shock.

EC-Declaration of Conformity MACHINERY DIRECTIVE



DW341, DW343

DEWALT declares that these products described under **Technical Data** are in compliance with: 2006/42/EC, EN60745-1:2009+A11:2010, EN60745-2-11:2010.

These products also comply with Directive 2004/108/EC (until 19.04.2016), 2014/30/EU (from 20.04.2016) 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.

2/ Vern

Markus Rompel Director Engineering DEWALT, Richard-Klinger-Straße 11, D-65510, Idstein, Germany 08.06.2015



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

General Power Tool Safety Warnings



WARNING: Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1) WORK AREA SAFETY

- a) Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- b) Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- c) Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

2) ELECTRICAL SAFETY

- a) Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- b) Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- c) Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- 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 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, clothing and gloves 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.

4) POWER TOOL USE AND CARE

- a) Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
- b) Do not use the power tool if the switch does not turn it on and off. Any power

tool that cannot be controlled with the switch is dangerous and must be repaired.

- c) Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- d) Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.
- e) Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- f) Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- g) Use the power tool, accessories and tool bits etc., in accordance with these instructions taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

5) SERVICE

a) Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

Additional Specific Safety Rules for Jig Saws

- Hold power tools by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring or its own cord. Cutting accessory contacting a "live" wire may make exposed metal parts of the tool "live" and shock the operator.
- Hold power tools 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.



WARNING: We recommend the use of a residual current device with a residual current rating of 30mA or less.

Residual Risks

In spite of the application of the relevant safety regulations and the implementation of safety devices, certain residual risks cannot be avoided. These are:

- Impairment of hearing.
- Risk of personal injury due to flying particles.
- Risk of burns due to accessories becoming hot during operation.
- Risk of personal injury due to prolonged use.

Markings on Tool

The following pictograms are shown on the tool:



Read instruction manual before use.



Wear ear protection.



Wear eye protection.

DATE CODE POSITION (FIG. 1)

The date code (O), which also includes the year of manufacture, is printed into the housing.

Example:

2016 XX XX

Year of Manufacture

Package Contents

The package contains:

- 1 Jig saw
- 1 Star wrench
- 1 Instruction manual

DW341K & DW343K ONLY:

- 1 Saw blade
- 1 Anti-scratch shoe cover
- 1 Dust extraction shroud
- 1 Dust extraction adapter
- 1 Kitbox
- 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.

Description (Fig. 1)



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

- A. On/off switch
- B. Lock-on button
- C. Speed control dial
- D. Saw dust blower
- E. Blade latch
- F. Finger guard
- G. Blade holder
- H. Guide roller
- I. Shoe
- J. Pendulum stroke selector

INTENDED USE

Your jig saw has been designed for professional cutting of wood, steel, aluminium, plastic and ceramic material.

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

These jig saws 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.

Electrical Safety

The electric motor has been designed for one voltage only. Always check that the battery pack voltage corresponds to the voltage on the rating plate.



Your DEWALT tool is double insulated in accordance with EN 60745; therefore no earth wire is required.



WARNING: 115 V units have to be operated via a fail-safe isolating transformer with an earth screen between the primary and secondary winding.

If the supply cord is damaged, it must be replaced by a specially prepared cord available through the DEWALT service organisation.

Mains Plug Replacement (U.K. & Ireland Only)

If a new mains plug needs to be fitted:

- Safely dispose of the old plug.
- Connect the brown lead to the live terminal in the plug.
- · Connect the blue lead to the neutral terminal.

WARNING: No connection is to be made to the earth terminal.

Follow the fitting instructions supplied with good quality plugs. Recommended fuse: 13 A.

Using an Extension Cable

If an extension cable is required, use an approved 3-core extension cable suitable for the power input of this tool (see *Technical Data*).The minimum conductor size is 1.5 mm²; the maximum length is 30 m.

When using a cable reel, always unwind the cable completely.

ASSEMBLY AND ADJUSTMENTS



WARNING: To reduce the risk of injury, turn unit off and disconnect machine from power source before installing and removing accessories, before adjusting or changing setups or when making repairs. Be sure the trigger switch is in the OFF position. An accidental start-up can cause injury.

Fitting and Removing a Saw Blade (Fig. 2)

The tool-free blade exchange system ensures quick and easy changing of saw blades.

- 1. Open the blade holder (G) by fully retracting the blade latch (E).
- Insert the saw blade into the blade holder (G) guiding the back of the blade into the groove of the guide roller (H).
- 3. Release the blade latch (E).
- 4. To remove the saw blade, fully retract the blade latch and pull the blade out of the holder.

Setting the Bevel Angle (Fig. 3)

The adjustable shoe (I) allows cutting of LH and RH bevel angles up to 45° . The bevel scale has preset positions at 0° and 45° .

- 1. Slacken the screws (K) using the supplied wrench.
- 2. Slide the shoe (I) toward the saw blade.
- 3. Tilt the shoe and set the desired bevel angle using the scale.
- 4. Tighten the screws.

Setting the Pendulum Stroke (Fig. 1)

The adjustable pendulum stroke guarantees a perfect cutting stroke for different materials.

Slide the selector (J) to the desired position referring to the table below. The selector can be manipulated during operation.

Pos.	Wood	Metal	Plastics
2	Fast cuts	-	PVC
2	Thick workpieces	-	Fibreglass Acrylic
1	Plywood Chipboard	Aluminium Non-ferrous	-
0	Thin workpieces Fine cuts	Sheet metal	-

Mounting the Plastic Anti-scratch Shoe Cover (Fig. 4)

The anti-scratch shoe cover (L) reduces damage to the surface of (sensitive) workpieces.

Click the cover onto the shoe as shown.

Dust Extraction (Fig. 5)

The dust extraction adaptor (M) in combination with the dust extraction shroud (N) helps extracting the dust from the workpiece surface, when connected to a suitable dust extraction system.

- 1. Place the dust extraction shroud (N) between the finger guard (F) until it clicks in place.
- 2. Fit the dust extraction adaptor (M) to the tool as shown.
- 3. Connect the hose of a suitable dust extraction system to the adaptor.



WARNING: When appropriate, connect a dust extraction system designed in compliance with the applicable directives regarding dust emission.



WARNING: Do not use a dust extraction system without proper spark protection when sawing metal.

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 tool from power source before making any adjustments or removing/installing attachments or accessories.



WARNING:

- Make sure your workpiece is well secured. Remove nails, screws and other fasteners that may damage the blade.
- Check that there is sufficient space for the blade underneath the workpiece.
 Do not cut materials that exceed the maximum cutting depth of the blade.
- Use sharp saw blades only. Damaged or bent saw blades must be removed immediately.
- Do not use the tool for sawing pipes or tubes.
- Never run your tool without a saw blade.
- For optimal results, move the tool smoothly and constantly over the workpiece. Do not exert lateral pressure on the saw blade.
 Keep the shoe flat on the workpiece and lead the cord away in line with the tool. When sawing curves, circles

or other round shapes, push the tool gently forward.

• Wait until the tool has come to a standstill before removing the saw blade from the workpiece. After sawing the blade may be very hot. Do not touch.

Proper Hand Position (Fig. 1, 8)



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 front handle (S), with the other hand on the main handle (R) or one hand on the main handle (R).

Switching On and Off (Fig. 1) DW341K

To run the tool, press the on/off switch (A).

For continuous operation, press and hold down the switch (A), press the lock-on button (B) and release the switch.

To stop the tool, release the switch.

To stop the tool in continuous operation, press the switch briefly and release it. Always switch off the tool when work is finished and before unplugging.

DW343K

- 1. To run the tool, slide the on/off switch (A) to the front.
- 2. To stop the tool, slide the on/off switch to the rear. Always switch off the tool when work is finished and before unplugging.

Setting the Electronic Sawing Speed (Fig. 6, 7) DW341K (FIG. 6)

The sawing speed varies with the pressure exerted on the on/off switch (A).

To preset the sawing speed, turn the control dial (C) to the desired level. The higher the rate, the higher the sawing speed. The required setting depends on the thickness and kind of material.

Use high speeds for sawing soft materials such as wood. Use low speeds for sawing metal.

DW343K (FIG. 7)

The speed control dial (C) can be used for advance setting of the required range of speed.

Turn the electronic speed control dial to the required level. The required setting depends on the thickness and kind of material.

Use high speeds for sawing soft materials such as wood. Use low speeds for sawing metal.



WARNING: After using the tool for an extended period on low speed settings, run it for approx. three minutes on maximum no-load speed.

Sawing in Wood

- 1. If necessary, draw a cutting line.
- 2. Switch the tool on.
- 3. Hold the tool against the workpiece and follow the line.
- For sawing parallel to the edge of your workpiece, install the parallel fence and guide your jig saw along the workpiece a shown in figure 9.

Sawing in Wood Using a Pilot Hole

- 1. If necessary, draw a cutting line.
- 2. Drill a hole (ø min. 12 mm) and introduce the saw blade.
- 3. Switch the tool on.
- 4. Follow the line.
- 5. For cutting perfectly round shapes, install the trammel bar and set it to the required radius (Fig. 10).

Sawing Up to a Projecting Edge (Fig. 1, 11)

- 1. Using a conventional blade, cut up to the projected edge.
- 2. Finish off the cut using a flush cutting blade.



Dust Extraction (Fig. 5)

When the tool is used indoor for extended periods of time, use a suitable dust extractor designed in compliance with the applicable Directives regarding dust emission.

Sawing in Metal

- 1. Mount an appropriate saw blade.
- 2. Proceed as described above.



WARNING: Use a cooling lubricant (cutting oil) to prevent overheating of the saw blade or the workpiece.

MAINTENANCE

Your DEWALT 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 injury, turn unit off and disconnect machine from power source before installing and removing accessories, before adjusting or changing set-ups or when making repairs. Be sure the trigger switch is in the OFF position. An accidental start-up can

cause injury. The charger and battery pack are not serviceable.



Lubrication

Your power tool requires no additional lubrication.

Apply a drop of oil to the guide roller (H) at regular intervals to prevent jamming.



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.

ENGLISH

Consult your dealer for further information on the appropriate accessories.

- DE3241 Parallel guide
- DE3242 Trammel bar
- DT2048 Fine toothed cutting blade
- DT2075 Coarse toothed cutting blade
- DT2160 Metal cutting blade
- DT2074 Flush cutting blade

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**.

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