





## Intended use

Your Black & Decker jigsaw has been designed for sawing wood, plastics, ceramics and sheet metal.

This tool is intended for consumer use only.

## Safety instructions

- ◆ **Warning!** When using mains-powered tools, basic safety precautions, including the following, should always be followed to reduce the risk of fire, electric shock, personal injury and material damage.
- ◆ Read all of this manual carefully before operating the tool.
- ◆ Retain this manual for future reference.
- ◆ Remove the plug from the socket before carrying out any adjustment, servicing or maintenance.

### Keep work area clean

Cluttered areas and benches can cause accidents.

### Consider work area environment

Do not expose the tool to rain. Do not use the tool in damp or wet conditions. Keep the work area well lit. Do not use the tool where there is a risk of causing fire or explosion, e.g. in the presence of flammable liquids and gases.

### Keep children away

Do not allow children, visitors or animals to come near the work area or to touch the tool or mains cable.

### Dress properly

Do not wear loose clothing or jewellery, as these can be caught in moving parts. Preferably wear rubber gloves and non-slip footwear when working outdoors. Wear protective hair covering to keep long hair out of the way.

### Personal protection

Always use safety glasses. Use a face or dust mask whenever the operations may produce dust or flying particles.

Hearing protection should be worn.

### Guard against electric shock

Prevent body contact with earthed or grounded surfaces (e.g. pipes, radiators, cookers and refrigerators). Electric safety can be further improved by using a high-sensitivity (30 mA / 30 mS) residual current device (RCD).

### Do not overreach

Keep proper footing and balance at all times.

### Stay alert

Watch what you are doing. Use common sense.

Do not operate the tool when you are tired.

### Secure workpiece

Use clamps or a vice to hold the workpiece. It is safer and it frees both hands to operate the tool.

### Connect dust extraction equipment

If devices are provided for the connection of dust extraction and collection facilities, ensure that these are connected and properly used.

## Remove adjusting keys and wrenches

Always check that adjusting keys and wrenches are removed from the tool before operating the tool.

### Extension cables

Before use, inspect the extension cable and replace if damaged.

When using the tool outdoors, only use extension cables intended for outdoor use. Up to 30 m of Black & Decker extension cable can be used without loss of power.

### Use appropriate tool

The intended use is described in this instruction manual.

Do not force small tools or attachments to do the job of a heavy-duty tool. The tool will do the job better and safer at the rate for which it was intended. Do not force the tool.

**Warning!** The use of any accessory or attachment or performance of any operation with this tool other than those recommended in this instruction manual may present a risk of personal injury.

### Check for damaged parts

Before use, carefully check the tool and mains cable for damage. Check for misalignment and seizure of moving parts, breakage of parts, damage to guards and switches and any other conditions that may affect its operation. Ensure that the tool will operate properly and perform its intended function. Do not use the tool if any part is damaged or defective. Do not use the tool if the switch does not turn it on and off. Have any damaged or defective parts repaired or replaced by an authorised repair agent. Never attempt any repairs yourself.

### Unplug the tool

Unplug the tool when it is not in use, before changing any parts of the tool, accessories or attachments and before servicing.

### Avoid unintentional starting

Do not carry the tool with a finger on the on/off switch.

Be sure that the tool is switched off when plugging in.

### Do not abuse cord

Never carry the tool by its cord or pull it to disconnect from the socket. Keep the cord away from heat, oil and sharp edges.

### Store idle tools

When not in use, tools should be stored in a dry, locked up or high place, out of reach of children.

### Maintain tools with care

Keep cutting tools sharp and clean for better and safer performance. Follow the instructions for maintenance and changing accessories. Keep handles and switches dry, clean and free from oil and grease.

### Repairs

This tool complies with relevant safety requirements.

Repairs should only be carried out by qualified persons using original spare parts; otherwise this may result in considerable danger to the user.

## Electrical safety



This tool is double insulated; therefore no earth wire is required. Always check that the power supply corresponds to the voltage on the rating plate.

## Additional safety instructions for Australia and New Zealand

- ◆ This appliance is not intended for use by young or infirm persons without supervision. Children must be supervised to ensure they do not play with the appliance.
- ◆ If the supply cord is damaged, it must be replaced by the manufacturer or an authorised Black & Decker Service Centre in order to avoid a hazard.

## Features

This tool includes some or all of the following features.

1. On/off switch
2. Lock-on button
3. Dust shroud
4. Blade support roller
5. Shoe plate
6. Dust extraction opening
7. Allen key

## Assembly

**Warning!** Before attempting any of the following operations, make sure that the tool is switched off and unplugged and that the saw blade has stopped.

### Fitting the saw blade (fig. A)

- ◆ Remove the dust shroud (3).
- ◆ Loosen the screw (8) using the Allen key provided.
- ◆ Hold the saw blade (9) as shown, with the teeth facing forward.
- ◆ Insert the shank of the saw blade into the blade holder (10) as far as it will go.
- ◆ Tighten the screw (8).
- ◆ Adjust the blade support roller as described below.

### Adjusting the blade support roller (fig. B & C)

- ◆ Loosen the screws (11).
- ◆ Push the blade support roller (4) forward until it touches the saw blade.
- ◆ Tighten the screws (11).
- ◆ Make sure that the shoe plate is adjusted correctly. See below.

### Connecting a vacuum cleaner to the tool (fig. D)

An adaptor is required to connect a vacuum cleaner or dust extractor to the tool. The adaptor can be purchased from your local Black & Decker retailer.

- ◆ Push the adaptor (12) into the opening (6).

- ◆ Connect the vacuum cleaner hose (13) to the adaptor.
- ◆ Make sure that the dust shroud (3) is fitted.

## Use

### Adjusting the shoe plate for bevel cuts (fig. E)

The shoe plate can be set to a left or right bevel angle of up to 45°.

- ◆ Loosen the screws (11).
- ◆ Pull the shoe plate (5) forward, set it to the required angle and push it back into place. You can use the scale or a protractor to check the angle.
- ◆ Tighten the screws (11).
- ◆ Make sure that the blade support roller is adjusted correctly.

To reset the shoe plate for straight cuts:

- ◆ Loosen the screws (11).
- ◆ Pull the shoe plate forward and set it to an angle of approx. 0°.
- ◆ Make sure that the blade support roller is adjusted correctly.
- ◆ Push the shoe plate backward and tighten the screws (11).
- ◆ Use a square to check the angle.

### Switching on and off

- ◆ To switch the tool on, press the on/off switch (1).
- ◆ For continuous operation, press the lock-on button (2) and release the on/off switch.
- ◆ To switch the tool off, release the on/off switch.  
To switch the tool off when in continuous operation, press the on/off switch once more and release it.

### Hints for optimum use

#### Sawing laminates

As the saw blade cuts on the upward stroke, splintering may occur on the surface closest to the shoe plate.

- ◆ Use a fine-tooth saw blade.
- ◆ Saw from the back surface of the workpiece.
- ◆ To minimise splintering, clamp a piece of scrap wood or hardboard to both sides of the workpiece and saw through this sandwich.

#### Sawing metal

- ◆ Be aware that sawing metal takes much more time than sawing wood.
- ◆ Use a saw blade suitable for sawing metal.
- ◆ When cutting thin sheet metal, clamp a piece of scrap wood to the back surface of the workpiece and cut through this sandwich.
- ◆ Spread a film of oil along the intended line of cut.

## Accessories

The performance of your tool depends on the accessory used. Black & Decker and Piranha accessories are engineered to high quality standards and designed to enhance the performance of your tool. By using these accessories you will get the very best from your tool.

## Maintenance

Your 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.

## Protecting the environment



Black & Decker provides a facility for recycling Black & Decker products once they have reached the end of their working life. This service is provided free of charge. To take advantage of this service please return your product to any authorised repair agent who will collect them on our behalf.

You can check the location of your nearest authorised repair agent by contacting your local Black & Decker office at the address indicated in this manual. Alternatively, a list of authorised Black & Decker repair agents and full details of our after-sales service and contacts are available on the Internet at: [www.2helpU.com](http://www.2helpU.com).

## Technical data

	AST7	CD301
Power input	W 370	370
Number of strokes (no load)	min <sup>-1</sup> 3,100	3,100
Max. depth of cut		
Wood	mm 55	55
Steel	mm 3	3
Aluminium	mm 8	8

## EC declaration of conformity

Black & Decker declares that these products conform to:  
98/37/EC, 89/336/EEC, 73/23/EEC, EN 50144, EN 55014,  
EN 61000

$L_{pA}$  (sound pressure): 88 dB(A),  $L_{WA}$  (acoustic power) 101 dB(A),  
hand/arm weighted vibration < 2.5 m/s<sup>2</sup>

A handwritten signature in black ink, appearing to read 'K. Hewitt'.

Kevin Hewitt  
Director of Consumer Engineering  
Spennymoor, County Durham DL16 6JG,  
United Kingdom

## Guarantee

Black & Decker is confident of the quality of its products and offers an outstanding guarantee. This guarantee statement is in addition to and in no way prejudices your statutory rights. The guarantee is valid within the territories of the Member States of the European Union and the European Free Trade Area.

If a Black & Decker product becomes defective due to faulty materials, workmanship or lack of conformity, within 24 months from the date of purchase, Black & Decker guarantees to replace defective parts, repair products subjected to fair wear and tear or replace such products to ensure minimum inconvenience to the customer unless:

- ◆ The product has been used for trade, professional or hire purposes;
- ◆ The product has been subjected to misuse or neglect;
- ◆ The product has sustained damage through foreign objects, substances or accidents;
- ◆ Repairs have been attempted by persons other than authorised repair agents or Black & Decker service staff.

To claim on the guarantee, you will need to submit proof of purchase to the seller or an authorised repair agent. You can check the location of your nearest authorised repair agent by contacting your local Black & Decker office at the address indicated in this manual. Alternatively, a list of authorised Black & Decker repair agents and full details of our after-sales service and contacts are available on the Internet at:

[www.2helpU.com](http://www.2helpU.com).

### Australia

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Fax 03 9899 7465

### New Zealand

Black & Decker  
81 Hugo Johnson Drive  
Penrose, Auckland, New Zealand

Tel. 09 579 7600  
Fax 09 579 8200

### United Kingdom

Black & Decker  
210 Bath Road  
Slough, Berkshire SL1 3YD

Tel. 01753 511234  
Fax 01753 551155  
Helpline 01753 574277



**Dealer address**

**Date of purchase**



Name: .....

Address: .....

Town: .....

Postal code: .....

Was this tool a gift?

Yes  
 No

Was this tool your first purchase?

Yes  
 No

Was this tool bought as a replacement?

Yes  
 No

Dealer address: .....

.....

Data protection act:  
Tick the box if you prefer not to receive further information.

## **GUARANTEE CARD**



**Please complete this section immediately after the purchase of your tool and send it to Black & Decker in your country.  
If you live in Australia or New Zealand, please register by using the alternative guarantee card supplied.**