

# COJSAWBX

## Electric Jig Saw

### Assembly & Operating Instructions



READ ALL INSTRUCTIONS AND WARNINGS BEFORE USING THIS PRODUCT.

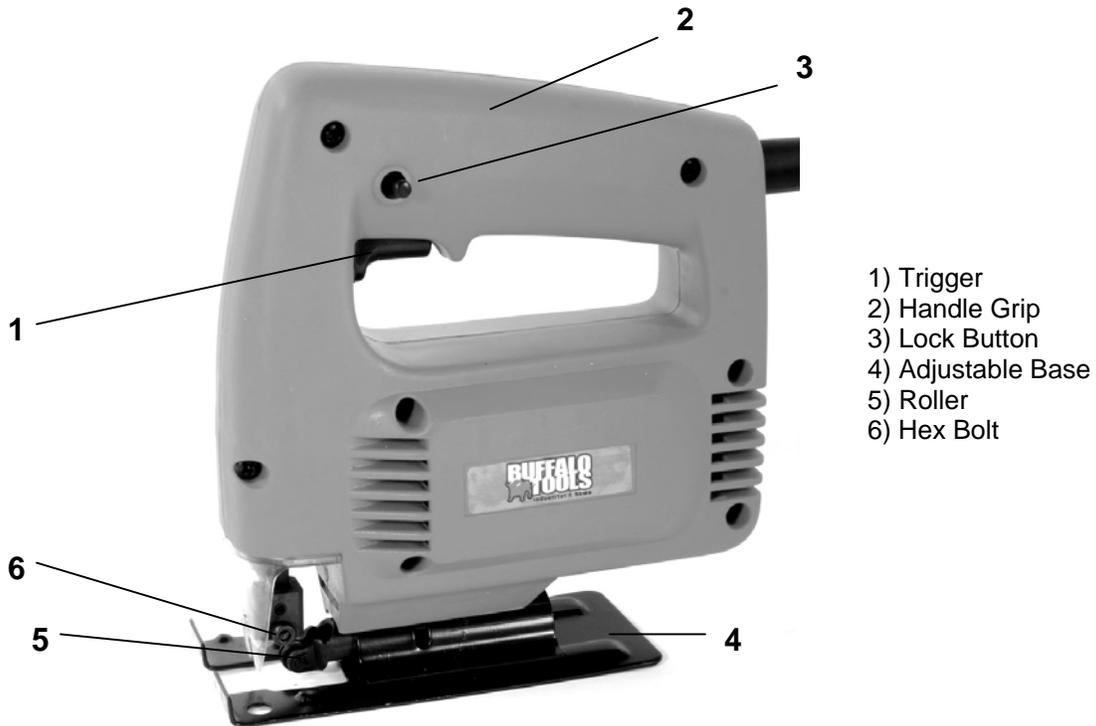
This manual provides important information on proper operation and maintenance. Every effort has been made to ensure the accuracy of this manual. We reserve the right to change this product at any time without prior notice.

**STOP!** DO NOT RETURN THIS PRODUCT TO THE RETAILER.

**Questions? Problems? CONTACT BUFFALO TOOLS.**

If you experience a problem or need parts for this product, visit our website <http://www.buffalotools.com> or call our customer help line at **1-888-287-6981, Monday-Friday, 8 AM - 4 PM Central Time**. A copy of the sales receipt is required.

FOR CONSUMER USE ONLY – NOT FOR PROFESSIONAL USE  
**COJSAWBX Electric Jig Saw Assembly & Operating Instructions**



## FEATURES

- Strokes per minute: 3,000 (SPM)
- Max. Depth of Cut: 1.6"
- 120V / 60 Hz
- Amps: 1.3 AMPS

## PACKAGE CONTENTS

- Jig Saw
- Three Wood Blades
- Two Carbon Brushes
- Hex Wrench

**COMMON SENSE AND CAUTION ARE FACTORS WHICH CANNOT BE BUILT INTO ANY PRODUCT. THESE FACTORS MUST BE SUPPLIED BY THE OPERATOR. PLEASE REMEMBER:**

1. **Keep the work area clean.** A cluttered work area may cause accidents. Make sure the work area is well lit.
2. **Never use tools near flammable liquids or gasses.**
3. **Prevent electrical shock.** Keep the cable away from heat, oil, sharp edges and rough surfaces. Do not operate if cable is frayed or damaged.
4. **Never allow children to operate tools without responsible adult supervision.** When operating this tool, keep children at a safe distance from the work area.
5. **Store tool in a safe place.** Store your tool in a secure dry place. The storage area should be lockable and out of the reach of children.
6. **Use a tool designed for the job being performed.** Do not use low-powered tools for heavy-duty operations. Never use the machine for other than its intended purpose.
7. **Wear suitable clothing.** Do not wear loose clothing or jewelry. They may get caught in moving parts. Never wear rings with protruding parts. Wear a hat over long hair. Wear rubber footwear.
8. **Always wear safety goggles and ear protection** when using the machine. Wear a dust mask when the work is dusty.
9. **Never carry the tool by the power cord.** Do not pull the power cord to remove the plug from sockets. Keep the power cord away from heat, oil and sharp edges.
10. **Never use tool in damp or wet conditions.**
12. **Maintain the tool with care.** This tool works best and safest if it is kept clean. Observe the instructions for maintenance and changing accessories. Keep the tool dry and free of oil and grease.
13. **Never carry a plugged-in tool with your finger on the switch.** Always switch off the tool and allow it to stop moving before putting it down.
14. **Before starting the tool, be sure to remove wrenches and other tools.**
15. **Never move the tool while it is plugged into an electrical outlet.** Make sure the switch is in the "OFF" position when the power cord is plugged-in.
16. **When working outdoors, use extension cords marked and rated for outdoor use.** When using machines with a ground connection, an extension cord with a grounded connection should be used and connected to a grounded outlet.
17. **Stay alert.** Do not use tools when impaired by medicine, drugs, or alcohol. Watch what you are doing and use common sense for your safety.

**18. Before starting the machine check that all safety devices and parts operate smoothly and efficiently.** Make sure that all moving parts are in good working order. Check the machine for any broken parts. Make sure all parts are fitted properly and any other conditions that might affect the proper functioning of the machine are correct. If not stated otherwise in this manual, damaged safety devices, switches and machine parts must be repaired or replaced by a recognized service center. Do not use the machine when it cannot be switched on or off.

**19. For your own safety, use only accessories recommended in this manual.**

**20. Tool service must be performed by qualified repair personnel.** Service or maintenance performed by unqualified personnel could result in a risk or injury.

**21. When servicing a tool, use only identical replacement parts.** Use of unauthorized parts or failure to follow maintenance instructions may create a risk of electric shock or injury.

**IF THERE IS ANY QUESTION ABOUT A CONDITION BEING SAFE OR UNSAFE, DO NOT OPERATE THE TOOL!**

**SAVE THE RECEIPT, WARRANTY AND THESE INSTRUCTIONS. IT IS IMPORTANT THAT YOU READ THE ENTIRE MANUAL TO BECOME FAMILIAR WITH THIS PRODUCT BEFORE YOU BEGIN USING IT.**

## **Unpacking**

When unpacking, check to make sure all parts listed on page 2 are included. If any parts are missing or broken, please call Buffalo Tools at 1-888-287-6981.

## **Electrical Safety**

**Double insulated tools are equipped with a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install a polarized outlet. Do not change the plug in any way.** Double insulation eliminates the need for the three wire grounded power cord and grounded supply system.

**Avoid body contact with grounded surfaces such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is grounded.

## **TOOL USE**

The Electric Jig Saw is capable of cutting hardwood, softwood, plywood, plastic, mild steel plate, aluminum plate, copper plate, synthetic resins such as phenol resin, and thin and soft construction materials.

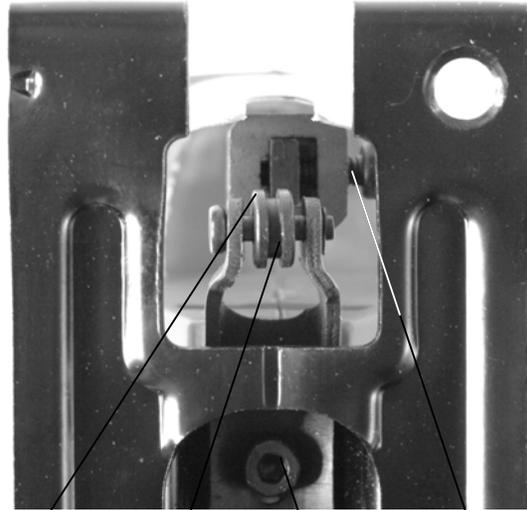
## BLADE INSTALLATION

**Before installing or replacing the saw blade, make sure the power cord is unplugged.** Failure to do so could result in serious injury or electric shock.

**Always use the proper blade for this saw.** Blades that do not properly fit will cause loss of control.

**Before cutting, double check the tightness of the blade.** Serious injury could occur if the saw blade is not securely in place.

1. Loosen the Hex Bolt (A) by using the hex wrench.
2. With the blade teeth facing forward, insert the blade into the side of the blade holder (B) with the dot (the opposite side of the hex bolt).
3. The notch at the end of the blade should rest on the roll pin.
4. Tighten the hex bolt with the hex wrench.
5. Make sure the back edge of the blade fits into the Roller (C). To adjust the position of the Roller, loosen the base adjustment Bolt (D) on the underside of the saw. Tighten Bolt before plugging in the saw.



Blade is Inserted Here (B)    Roller (C)    Bolt (D)    Hex Bolt (A)

## SAW OPERATION

### **CAUTION**

**Wear safety eyewear and dust filters or respirators while using this tool.**

### **WARNING**

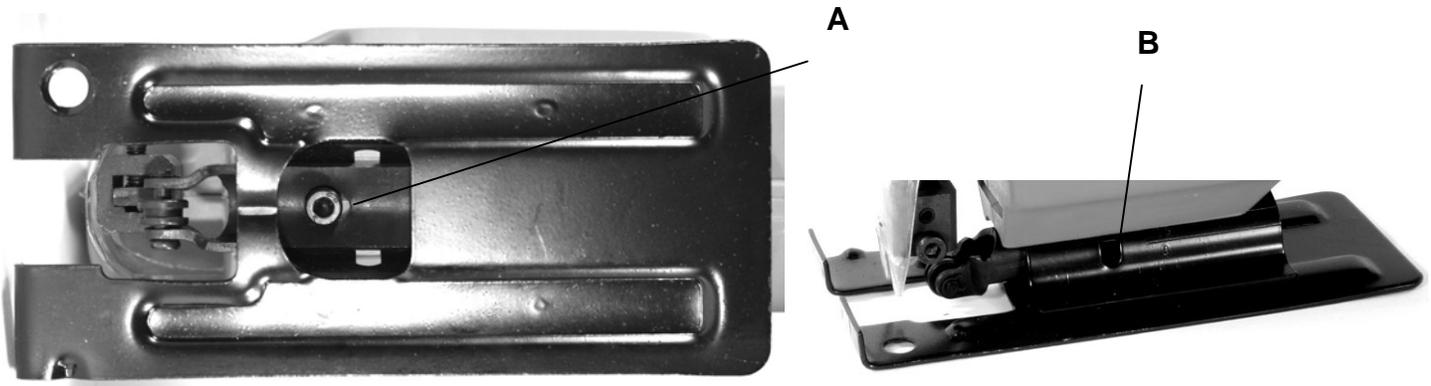
**Always keep both hands on the handles. This will ensure they are safe from the cutting path of the blade.**

Before beginning, make sure there is plenty of space below the work piece for the saw blade to pass freely.

Hold the saw firmly, with one hand on the front grip and the other on the top handle. Be sure the power cord and any extension cords are out of the cutting path. If both hands are on the saw, they are free from the path of the blade. Place the edge of the base against the piece to be cut, keeping the saw blade from contacting the work piece. Use a cutting guide for maximum control when making straight cuts. Keep the base of the saw against the work piece. Relief cuts can assist in making more difficult cuts.

Squeeze the trigger to start the blade moving. Allow the blade to reach full speed before attempting your cut. Advance the tool slowly when cutting curves or scrolling. Forcing the tool may cause undesired cuts or blade breakage.

This saw is equipped with a trigger lock. To engage the trigger lock, pull the trigger and press the trigger lock. To disengage the trigger lock, squeeze the trigger again.



## BASE ADJUSTMENT FOR BEVEL CUTS

This jig saw makes angle (bevel) cuts up to 45 degrees. To make angle (bevel) cuts, you must adjust the base. Turn the tool off and unplug from outlet before adjusting the base.

To adjust the angle of the base, loosen the base adjustment Bolt (A) on the underside of the saw.

Using the calibrated guides on the top of the Base (B), set the base to the desired angle. Then retighten the bolt on the underside of the base.

Because of the increased amount of blade engagement in the work and decreased stability of the base, blade binding may occur. Keep the saw steady, keep the base firmly on the work piece during use.

## CUTTING TIPS

### **⚠ WARNING**

**Always secure the work piece using clamps.** Never use your hands to hold the work piece in place. An unsecured work piece could cause serious injury.

### **⚠ WARNING**

**Do not allow the saw to touch the work piece until the saw blade has reached its full speed.** Applying the blade to the work piece before the saw has reached full speed might result in loss of control and injury.

Always choose the right blade for the job.

Clearly mark the line to be cut before beginning. Pull the trigger and apply only enough pressure to keep the saw cutting. Always place the material to be cut face down and cut on the “wrong side”.

For greater ease when cutting, lubricate the blade with cutting wax or oil.

When cutting thin metal or laminates, sandwich the piece between two tightly clamped pieces of wood. This will provide increased accuracy and control.

For cutting metal, use a sharp blade that is designed for cutting metal. Using a lubricant like oil will reduce friction and heat buildup.

This motor uses carbon brushes, which may require replacing. Carbon brushes wear out over time, and could create motor trouble. Keep carbon brushes free and clear of debris, and replace worn parts when necessary.

## NOTES

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