# Owner's Manual & Safety Instructions

**Save This Manual** Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures. Write the product's Date Code in the back of the manual (or month and year of purchase if product has no number). Keep this manual and the receipt in a safe and dry place for future reference. 25k

**2307C-B**

Bauer

# 20V CORDLESS 2-1/2" COMPACT BAND SAW




**Blade Sold Separately**

**Visit our website at: https://www.harborfreight.com**
**Email our technical support at: productsupport@harborfreight.com**

**70286**

When unpacking, make sure that the product is intact and undamaged. If any parts are missing or broken, please call 1-800-444-3353 as soon as possible.

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Diagrams within this manual may not be drawn proportionally. Due to continuing improvements, actual product may differ slightly from the product described herein. Tools required for assembly and service may not be included.

## ⚠WARNING

**Read this material before using this product. Failure to do so can result in serious injury. SAVE THIS MANUAL.**

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| WARNING SYMBOLS AND DEFINITIONS | |
|---|---|
| ⚠ | This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death. |
| ⚠DANGER | Indicates a hazardous situation which, if not avoided, will result in death or serious injury. |
| ⚠WARNING | Indicates a hazardous situation which, if not avoided, could result in death or serious injury. |
| ⚠CAUTION | Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury. |
| *NOTICE* CAUTION | Addresses practices not related to personal injury. |

# IMPORTANT SAFETY INFORMATION

## General Power Tool Safety Warnings

### ⚠WARNING

**Read all safety warnings, instructions, illustrations and specifications provided with this power tool.**
*Failure to follow all instructions listed below 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.*
   d. **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 ground fault circuit interrupter (GFCI) protected supply.** *Use of a GFCI 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 Trigger 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 Trigger or energizing power tools that have the Trigger 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 jewelry. Keep your hair, clothing and gloves away from moving parts.** *Loose clothes, jewelry 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.*

   h. **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** *A careless action can cause severe injury within a fraction of a second.*

   i. **Only use safety equipment that has been approved by an appropriate standards agency.** *Unapproved safety equipment may not provide adequate protection. Eye protection must be ANSI-approved and breathing protection must be NIOSH-approved for the specific hazards in the work area.*

   j. **Do not lay the tool down until it has come to a complete stop.** *Moving parts can grab the surface and pull the tool out of your control.*

   k. **When using a handheld power tool, maintain a firm grip on the tool with both hands to resist starting torque.**

   l. **Do not leave the tool unattended when the Battery Pack is connected.** *Turn off the tool, and remove the Battery Pack before leaving.*

   m. **This product is not a toy.** *Keep it out of reach of children.*

   n. **People with pacemakers should consult their physician(s) before use.** *Electromagnetic fields in close proximity to heart pacemaker could cause pacemaker interference or pacemaker failure.*

   o. **The warnings, precautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur.** *It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.*

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 Trigger does not turn it on and off.** *Any power tool that cannot be controlled with the Trigger is dangerous and must be repaired.*

   c. **Disconnect 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.*

   h. **Keep handles and grasping surfaces dry, clean and free from oil and grease.** *Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.*

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.*

   b. **Maintain labels and nameplates on the tool.** *These carry important safety information If unreadable or missing, contact Harbor Freight Tools for a replacement.*

   c. **Never service damaged BATTERY packs.** *Service of BATTERY packs should only be performed by the manufacturer or authorized service providers.*

6. **Battery tool use and care**

   a. **Prevent unintentional starting.** *Ensure the switch is in the off-position before connecting to battery pack, picking up or carrying the power tool. Carrying the power tool with your finger on the switch or energizing power tool that have the switch on invites accidents.*

   b. **Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tool.** *Such preventive safety measures reduce the risk of starting the power tool accidentally.*

   c. **Recharge only with the charger specified by the manufacturer.** *A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.*

   d. **Use power tools only with specifically designated battery packs.** *Use of any other battery packs may create a risk of injury and fire.*

   e. **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 burns or a fire.*

   f. **Under abusive conditions, liquid may be ejected from the battery; avoid contact.** *If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.*

   g. **Do not use a battery pack or power tool that is damaged or modified.** *Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.*

   h. **Do not expose a battery pack or power tool to fire or excessive temperature.** *Exposure to fire or temperature above 140°F may cause explosion.*

   i. **Follow all charging instructions and do not charge the battery pack or power tool outside of the temperature range specified in the instructions.** *Charging improperly or at temperatures outside of the specified range may damage the battery and increase the risk of fire.*

   j. **Have servicing performed by a qualified repair person using only identical replacement parts.** *This will ensure that the safety of the product is maintained.*

   k. **Do not modify or attempt to repair the power tool or the battery pack except as indicated in the instructions for use and care.**

   l.  The battery Charger gets hot during use. The Charger's heat can build up to unsafe levels and create a fire hazard if it does not receive adequate ventilation, due to an electrical fault, or if it is used in a hot environment. Do not place the Charger on a flammable surface. Do not obstruct any vents on the Charger. Especially avoid placing the Charger on carpets and rugs; they are not only flammable, but they also obstruct vents under the Charger. Place the Charger on a stable, solid, nonflammable surface (such as a stable metal workbench or concrete floor) at least 1 foot away from all flammable objects, such as drapes or walls. Keep a fire extinguisher and a smoke detector in the area. Frequently monitor the Charger and Battery Pack while charging.

7. **Band saw safety warnings**

   a. **Hold power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring.** *Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.*

   b. Use clamps or another practical way to secure and support the workpiece to a stable platform. Holding the work by hand or against your body leaves it unstable and may lead to loss of control.

   c. Do not leave power tool unattended while it is running.

   d. Before each use, move the Tension Lever to the tightened position (making the blade taut).

   e. Work slowly and carefully to avoid snagging when cutting near corners, sharp edges, ragged welds, etc.

   f. Cutting material and the motor housing can get very hot during operation. Stop work until tool and blade both cool down to safe temperature.

   g. Avoid unintentional starting. Prepare to begin work before turning on the tool.

   h. Do not lay the tool down until it has come to a complete stop. Moving parts can grab the surface and pull the tool out of your control.

   i. When using a handheld power tool, maintain a firm grip on the tool with both hands to resist starting torque.

   j. Do not leave the tool unattended when the Battery Pack is connected. Turn off the tool, and remove the Battery Pack before leaving.

8. **Lithium Battery Safety Warnings**



**LITHIUM BATTERIES STORE A LARGE AMOUNT OF ENERGY AND WILL VENT FIRE OR EXPLODE IF MISTREATED:**

a. **Keep Battery Pack dry.**

B. **DO NOT DO ANY OF THE FOLLOWING TO THE BATTERY PACK:**
- **Open,**
- **Drop,**
- **Short-circuit,**
- **Puncture,**
- **Incinerate, or**
- **Expose to temperatures greater than 140°F.**

c. Charge Battery Pack only according to its Charger's instructions.

d. Inspect Battery Pack before every use; do not use or charge if damaged.

9. **Vibration Safety**

This tool vibrates during use.
Repeated or long-term exposure to vibration may cause temporary or permanent physical injury, particularly to the hands, arms and shoulders.
To reduce the risk of vibration-related injury:

a. Anyone using vibrating tools regularly or for an extended period should first be examined by a doctor and then have regular medical check-ups to ensure medical problems are not being caused or worsened from use. Pregnant women or people who have impaired blood circulation to the hand, past hand injuries, nervous system disorders, diabetes, or Raynaud's Disease should not use this tool. If you feel any symptoms related to vibration (such as tingling, numbness, and white or blue fingers), seek medical advice as soon as possible.

b. Do not smoke during use. Nicotine reduces the blood supply to the hands and fingers, increasing the risk of vibration-related injury.

c. Wear suitable gloves to reduce the vibration effects on the user.

d. Use tools with the lowest vibration when there is a choice.

e. Include vibration-free periods each day of work.

f. Grip tool as lightly as possible (while still keeping safe control of it). Let the tool do the work.

g. To reduce vibration, maintain the tool as explained in this manual. If any abnormal vibration occurs, stop use immediately.

## Grounding

**⚠WARNING**



**TO PREVENT ELECTRIC SHOCK AND DEATH FROM INCORRECT GROUNDING:**
**Check with a qualified electrician if you are in doubt as to whether the outlet is properly grounded. Do not modify the power cord plug provided with the charger. Do not use the charger if the power cord or plug is damaged. If damaged, have it repaired by a service facility before use. If the plug will not fit the outlet, have a proper outlet installed by a qualified electrician.**

## Extension Cords

Extension cords must not be used with this item's Charger.

# Symbology

| | |
|---|---|
| V | Volts |
| ⎓ | Direct Current |
| A | Amperes |
| $n_0$ xxxx/min. | No Load Revolutions per Minute (RPM) |
|  | WARNING marking concerning Risk of Eye Injury. Wear ANSI-approved safety goggles with side shields. |

| | |
|---|---|
|  | WARNING marking concerning Risk of Respiratory Injury. Wear NIOSH-approved breathing protection rated for the hazards in your work area. |
|  | Read the manual before set-up and/or use. |
|  | WARNING marking concerning Risk of Fire. Do not cover Charger ventilation ducts. Charge on fireproof surface only. |
|  | WARNING marking concerning Risk of Electric Shock. Properly connect Charger's power cord to appropriate outlet. |

## Specification

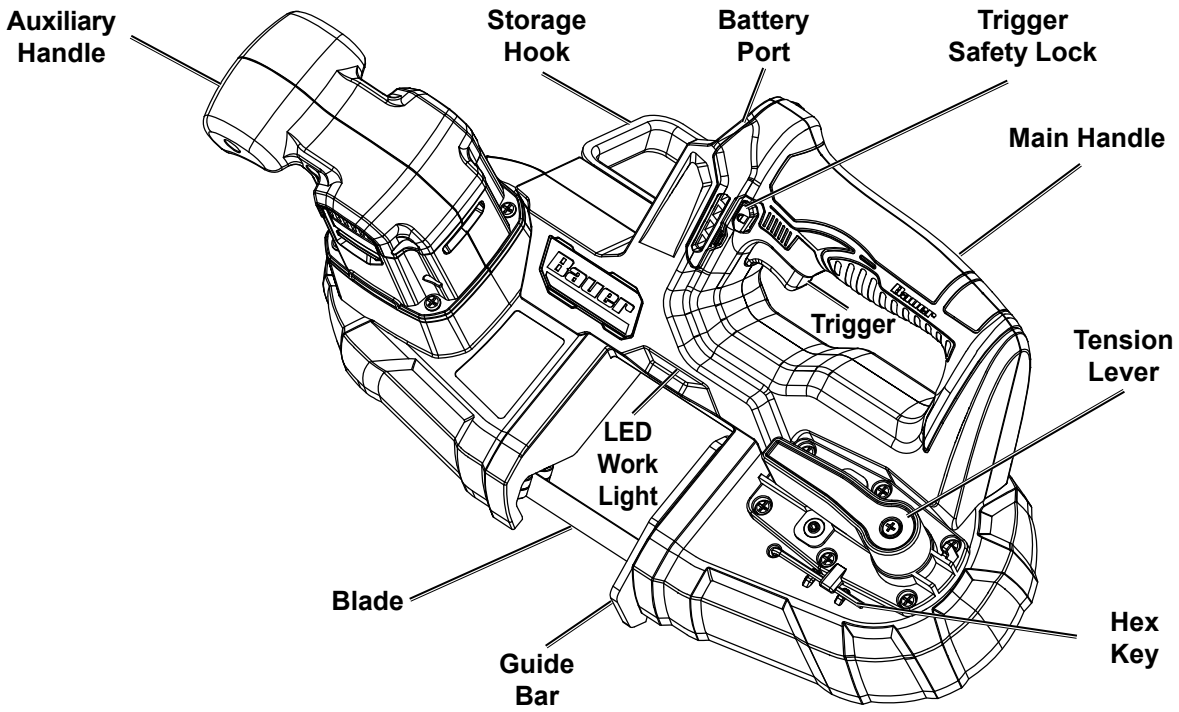
| | |
|---|---|
| Battery Type | Bauer 20V Li-ion |
| Blade Speed | 590 SFPM (3.0 m/s) |
| Blade Dimensions | 32-7/8″ x 1/2″ |
| Max. Cutting Capacity | 2-1/2″ x 2-1/2″ |

## Setup - Before Use:

**Read the <u>ENTIRE</u> IMPORTANT SAFETY INFORMATION section at the beginning of this manual including all text under subheadings therein before set up or use.**

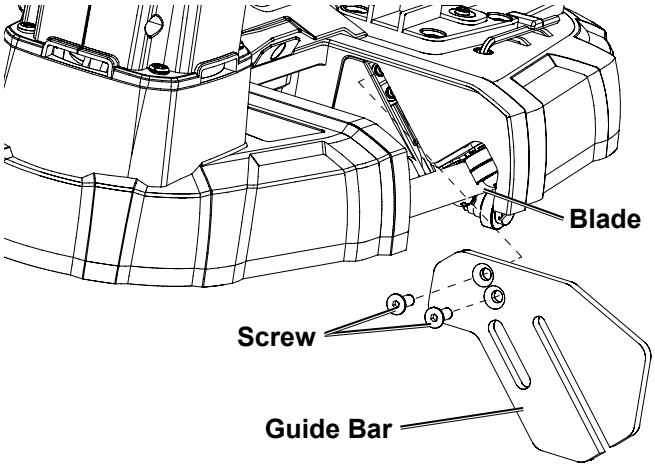
**TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION: Release the Trigger and remove the Battery Pack before performing any procedure in this section.**

# Functions



# Guide Bar Assembly

1. Remove the two Screws from frame of Band Saw.
2. Position Guide Bar around the Blade, aligning mounting holes on Guide Bar with the tapped holes on the Band Saw frame.
3. Secure Guide Bar to Band Saw frame with two Screws.




## Operating Instructions

**Read the ENTIRE IMPORTANT SAFETY INFORMATION section at the beginning of this manual including all text under subheadings therein before set up or use.**

# Tool Changing

## ⚠WARNING

**TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION:**
**Make sure that the Trigger is in the off-position and remove its Battery Pack before performing any procedure in this section.**

## ⚠WARNING



**TO PREVENT SERIOUS INJURY:**
**Wear ANSI-approved safety goggles, heavy-duty work gloves, and heavy-duty long-sleeved shirt or coat whenever handling or working near the Blade.**
**The Blade can suddenly spring out during service.**

### Battery Charging

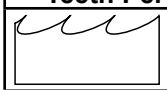
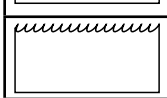
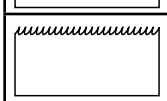
Charge battery after unpacking and before using the tool. Follow instructions included with the battery charger (sold separately).

### Blade Selection

**WARNING! TO PREVENT SERIOUS INJURY FROM BLADE COMING LOOSE, ONLY USE BLADES OF THE SPECIFIED SIZE.**

Select the proper Blade according to the cutting material and the diameter or size of the workpiece.

This Band Saw accepts **32-7/8″ x 1/2″** Blades. (Blade sold separately.)

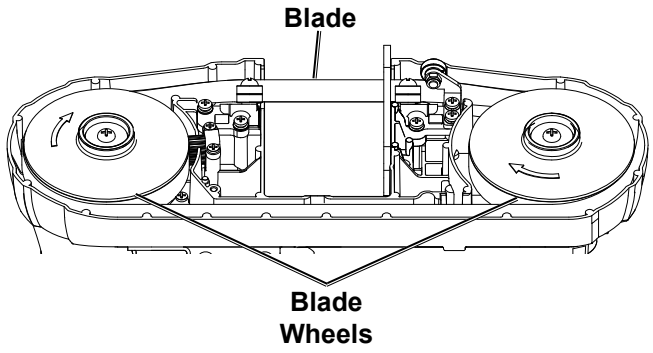
| Common Blade Applications | | |
|---|---|---|
| **Teeth Per Inch** | | **Use** |
|  | 3-4 | Wood, resawing (ripping). |
|  | 10-14 | Stainless steel, angle iron, pipe, tubing, plastic, wood 1/4" or thicker. |
|  | 14-18 | Stainless steel, angle iron, pipe, tubing, plastic, wood 1/8" to 1/4". |
|  | 24 | Stainless steel, angle iron, pipe, tubing, plastic, wood 1/8" or thinner. |

## Blade Installation and Replacement

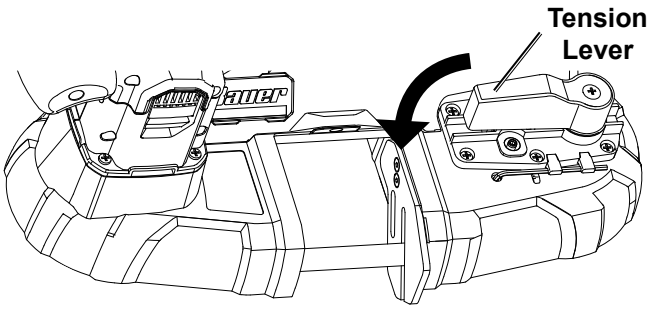
**⚠WARNING**

**TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION:**
**Make sure that the Trigger is in the off-position and remove its Battery Pack before installing or removing a saw blade.**

1. Position unit so that the Blade Wheels are facing up and the edge of the used Blade is pointing away from you. (Once Blade tension is released, it may spring off quickly.)

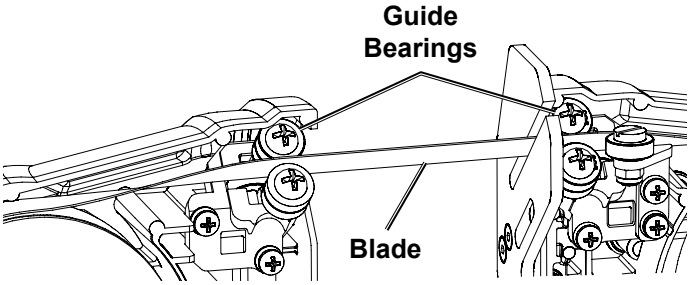



2. Turn the Tension Lever **COUNTER-CLOCKWISE** to release Blade tension. Slide old Blade off Blade Wheels.




**Note:** Install Blade with teeth pointing upward, facing you.

3. Set Blade around Blade Wheels and into both Guide Bearings and center it on them.

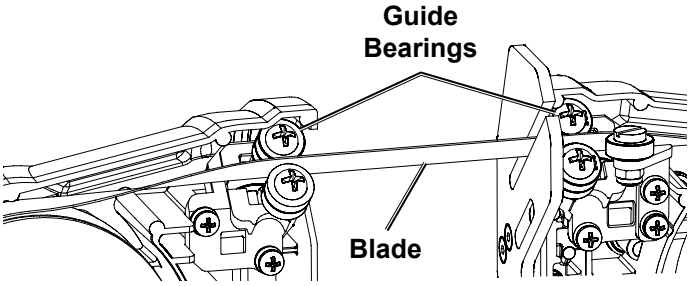



4. Tension Blade according to instructions below.

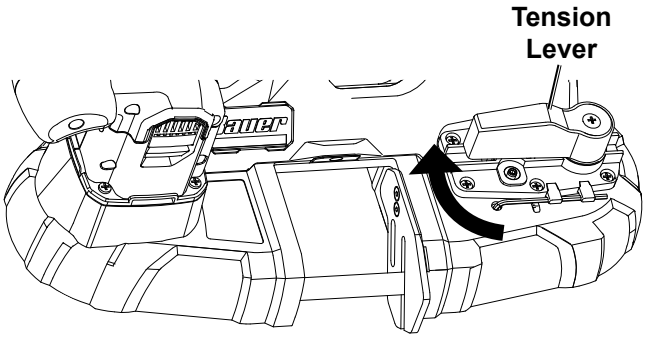
## Blade Tensioning

**WARNING! TO PREVENT SERIOUS INJURY: BEFORE EACH USE, PUT THE TENSION LEVER IN THE TIGHTENED POSITION (MAKING THE BLADE TAUT), AS FOLLOWS:**

1. Make sure Blade is centered on Guide Bearings and fits evenly around Blade Wheels.




2. Turn Tension Lever **CLOCKWISE** until Blade is taut.




3. Put on eye and hearing protection, then stay clear of blade while attaching Battery Pack and turning on the tool. Inspect Blade and make sure it runs steadily and evenly around Blade Wheels, and that the teeth are pointed in the correct direction.

## Workpiece and Work Area Set Up

1. Designate a work area that is clean and well-lit. The work area must not allow access by children or pets to prevent distraction and injury.
2. Secure loose workpieces using a vise or clamps (not included) to prevent movement while working.
3. Verify that there are no utility lines or hardware in or near the workpiece.

## General Instructions for Use

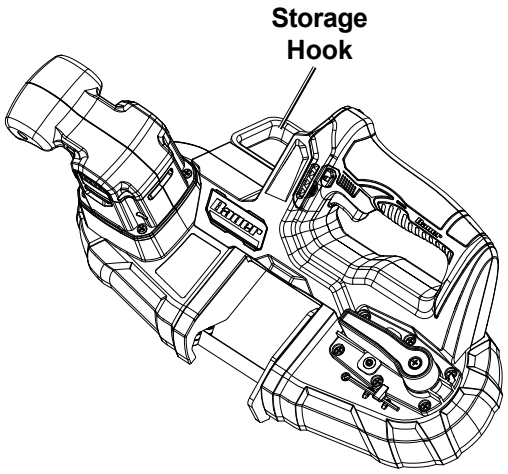
1. Make all necessary adjustments to the Band Saw.
2. Secure your workpiece to a workbench or other solid surface.
3. Make sure that the Trigger is in the off-position, then attach a fully charged Battery Pack.
4. Firmly grip Main Handle with one hand and Auxiliary Handle with other hand.
5. Set Guide Bar against workpiece, keeping blade at a slight angle to the workpiece.
6. Push Trigger Safety Lock to the left to unlock, then press the Trigger and allow blade to come up to full speed before starting the cut.
7. Push Trigger Safety Lock to the right to lock.

**<u>WARNING!</u> TO PREVENT SERIOUS INJURY: Exposed Blade in Band Saw underside. Hold Band Saw away from body.**

8. Tilt the unit so that the Blade is vertical. To start a cut, use minimal force to start a groove. Once groove is started, allow the rest of the Blade to cut into workpiece. Doing this will prevent Blade from moving from side-to-side during cutting.

**CAUTION! TO PREVENT PROPERTY DAMAGE AND INJURY: Do not apply force to the tool by pressing too hard with your hands or leaning into it. The weight of the tool itself creates enough force to make a clean cut. Forcing or leaning on the tool may twist or break the Blade, damaging the saw and possibly causing injury.**

9. As you reach the end of your workpiece, finish off the cut by slightly raising the unit slowly, bringing the blade up.
10. To stop the Band Saw, release the Trigger and push Trigger lock to right to lockout Trigger.
11. Allow the Band Saw to come to a complete stop before setting it down.
12. To prevent accidents, turn off tool and remove Battery Pack after use. Clean, then store tool indoors by hanging it from Storage Hook out of children's reach.



**Procedures not specifically explained in this manual must be performed only by a qualified technician.**

## ⚠WARNING

**TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION: Release the Trigger and remove the Battery Pack before performing any procedure in this section.**

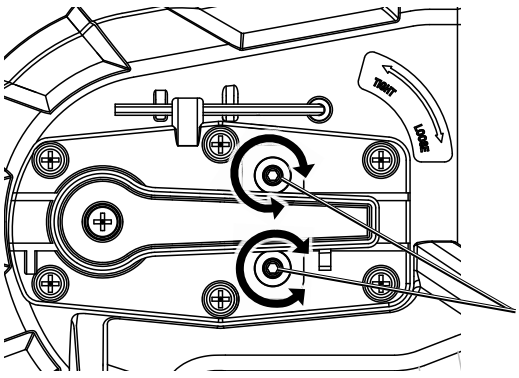
**TO PREVENT SERIOUS INJURY FROM TOOL FAILURE:**
**Do not use damaged equipment. If abnormal noise or vibration occurs, have the problem corrected before further use.**

# Cleaning, Maintenance, and Lubrication

1. **BEFORE EACH USE,** inspect the general condition of the tool. Check for:
   - leaking, swollen, or cracked battery pack,
   - loose hardware,
   - misalignment or binding of moving parts,
   - cracked or broken parts,
   - damaged electrical wiring,
   - any other condition that may affect its safe operation.
2. **AFTER USE,** wipe external surfaces of the tool with clean cloth.
3. **TO CLEAN:** The ventilation openings should be kept clean and free of dirt and debris. Wear ANSI-approved safety goggles and NIOSH-approved dust mask/respirator before cleaning ducts. The most effective way to clean the ventilation openings is with compressed air.
4. If not using the tool for long periods of time, remove the Blade.
5. For Blade installation, replacement, or tensioning, reference *Blade Installation and Replacement on page 8*.
6. Li-Ion BATTERY MUST BE RECYCLED OR DISPOSED OF PROPERLY.
   Do not short, incinerate or open battery.
7. Disconnect battery pack and store battery pack, charger, and tool in dry, indoor area out of reach of children and away from metal objects (i.e., paperclips, coins) to prevent shorting.

## Adjusting Blade Tracking

1. Using 2.5mm Hex Wrench (included):
   a. To move the Blade down turn Adjustment Screws 1/4 turn CLOCKWISE.
   b. To move the Blade up turn Adjustment Screws 1/4 turn COUNTERCLOCKWISE.




**Adjustment Screws**

2. Put on eye and hearing protection, then stay clear of the blade while attaching the Battery Pack. Briefly run the tool for 2-3 seconds.
3. Allow the Band Saw to come to a complete stop before setting it down.
4. Inspect the Blade. If Blade is still positioned off center, repeat adjustment.

# Troubleshooting

| Problem | Possible Causes | Likely Solutions |
|---|---|---|
| Tool will not start. | 1. Battery Pack not properly connected. | 1. Remove Battery Pack, make sure there are no obstructions, reinsert the Battery Pack according to its shape (it should only fit one way), and press firmly until the Battery Pack locks in place. |
| | 2. Battery Pack not properly charged. | 2. Make sure Charger is connected and operating properly. Give enough time for Battery Pack to recharge properly. |
| | 3. Battery Pack burnt-out. | 3. Dispose of old Battery Pack properly or recycle. Replace Battery Pack. |
| | 4. Internal damage or wear. (Trigger, for example.) | 4. Have technician service tool. |
| Tool operates slowly. | 1. Excess pressure applied to workpiece. | 1. Decrease pressure; allow tool to do the work. |
| | 2. Battery Pack power low. | 2. Recharge Battery Pack. |
| | 3. Battery Pack wearing out. | 3. Dispose of old Battery Pack properly or recycle. Replace Battery Pack. |
| Performance decreases over time. | 1. Blade dull or damaged. | 1. Keep Blade sharp. Replace as needed. |
| | 2. Battery Pack wearing out. | 2. Dispose of old Battery Pack properly or recycle. Replace Battery Pack. |
| Excessive noise or rattling. | Internal damage or wear (bearings, for example.) | Have technician service tool. |
| Overheating. | 1. Forcing tool to work too fast. | 1. Allow tool to work at its own rate. |
| | 2. Blade dull or damaged. | 2. Keep Blade sharp. Replace as needed. |
| | 3. Blocked motor housing vents. | 3. Wear ANSI-approved safety goggles and NIOSH-approved dust mask/respirator while blowing dust out of motor using compressed air. |
| Cuts are not straight | 1. Blade is not 90$^{o}$ to workpiece. | 1. Reference operating instructions in the *General Instructions for use* section on page 9. |
| | 2. Dull Blade. | 2. Replace Blade. |
| | 3. Guide Bar is misaligned / loose. | 3. Reinstall Guide Bar as described in the *Guide Bar Assembly* section on page 7. |
| Blade dulling too rapidly | 1. Blade is too coarse. | 1. Use a finer tooth Blade. |
| | 2. Hard spots on material. | 2. Increase pressure more gently on object being cut. |
| | 3. Blade installed backwards. | 3. Remove Blade and turn inside out before reinstalling. |
| Frequent Saw Blade Breakage | 1. Blade is too coarse for workpiece being cut. | 1. Use a Saw Blade with a finer pitch. |
| | 2. Guide Bar is misaligned / loose. | 2. Reinstall Guide Bar as described in the *Guide Bar Assembly* section on page 7. |
| | 3. Possible Blade Weld Cracking. | 3. Replace the Saw Blade. |
| Workpiece cuts appear rough | 1. Workpiece being fed into Saw Blade to fast. | 1. Slow down the speed at which you are feeding material through the blade. |
| | 2. Blade is too coarse for material being cut. | 2. Use a blade with a finer pitch. |

**Follow all safety precautions whenever diagnosing or servicing the tool. Disconnect power supply before service.**

**Record Product's Date Code Here:**_____

**Note: If product has no Date Code, record month and year of purchase instead.**

**Note:** Replacement parts may be available for this item.
Visit **harborfreight.com/parts** for a list of in stock parts. Reference UPC 193175494894.

## Limited 90 Day Warranty

Harbor Freight Tools Co. makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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