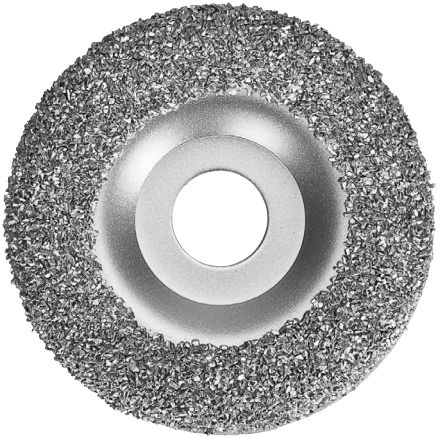
Owner's Manual & Safety Instructions

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 near the assembly diagram (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. 25h

Bauer™

4" WOOD CARVING DISC



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Email our technical support at: productsupport@harborfreight.com

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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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No portion of this manual or any artwork contained herein may be reproduced in any shape or form without the express written consent of Harbor Freight Tools. 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.

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

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

⚠DANGER

To prevent serious injury, amputation, and DEATH, read and follow all power tool instructions and all instructions included with this item.

Save all warnings and instructions for future reference.

Set up Precautions

1. The grinder's safety guard MUST be positioned as described in *Adjusting the Safety Guard on page 5* prior to installing and using Carving Disc.
2. DO NOT install Carving Disc on any grinder that requires mechanically modifying the safety guard to achieve proper positioning.
3. Set up only according to these instructions. Improper assembly can create hazards.
4. Install only on 4″ or 4-1/2″ angle grinder equipped with a constant pressure switch (paddle, dead man or kill switch), with a 7/8″ spindle and a maximum speed of 12,000 RPM or less.
5. Wear ANSI-approved safety goggles and heavy-duty work gloves during set up.
6. Do not carve wood containing foreign objects. Remove all screws, nails, staples and other obstructions from workpiece before using Carving Disc.
7. Make sure that the power switch/trigger of the power tool is in the off-position and unplug the tool from its electrical outlet before performing any set up procedures.
8. Keep set up area clean and well lit.
9. Keep bystanders out of the area during set up.
10. Do not set up when tired or when under the influence of alcohol, drugs or medication.

Use Precautions

1. ⚠ **DANGER: Keep hands away from cutting area and the Carving Disc. Keep your second hand on auxiliary handle, or motor housing.**
   If both hands are holding the grinder, they cannot be cut by the Carving Disc.
2. **Never hold piece being cut in your hands or across your leg. Secure the workpiece to a stable platform.**
   It is important to support the work properly to minimize body exposure, Disc binding, or loss of control.
3. **Do not reach underneath the workpiece or remove wood shavings from the cutting area while the Disc is rotating.**
   The safety guard cannot protect you from the Carving Disc below the workpiece.
4. Operate a power tool equipped with this Carving Disc with both hands only. Using equipment with only one hand can easily result in loss of control.
5. Do not operate a power tool equipped with this Carving Disc near the face or in a position above the head.
6. Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
7. Follow the manufacturer's operating instructions and safety warnings applicable to your angle grinder.
8. This product is not a toy. Do not allow children to play with or near this item.
9. Use as intended only.
10. Inspect before every use; do not use if parts are loose or damaged.
11. Stay alert, watch what you are doing and use common sense when operating a power tool equipped with this Carving Disc. Do not use while tired or under the influence of drugs, alcohol or medication.
12. Dress properly. Do not wear loose clothing or jewelry. Keep hair, clothing and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts.
13. 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.

Kickback and Related Warnings

Kickback is a sudden reaction to a pinched or snagged rotating wheel, backing pad, brush or any other accessory. Pinching or snagging causes rapid stalling of the rotating accessory which in turn causes the uncontrolled power tool to be forced in the direction opposite of the accessory's rotation at the point of the binding.

For example, if an abrasive wheel is snagged or pinched by the workpiece, the edge of the wheel that is entering into the pinch point can dig into the surface of the material causing the wheel to climb out or kick out. The wheel may either jump toward or away from the operator, depending on direction of the wheel's movement at the point of pinching. Abrasive wheels may also break under these conditions.

Kickback is the result of power tool misuse and/or incorrect operating procedures or conditions and can be avoided by taking proper precautions as given below.

1. **Maintain a firm grip on the power tool and position your body and arm to allow you to resist kickback forces. Always use auxiliary handle, if provided, for maximum control over kickback or torque reaction during start-up.** *The operator can control torque reactions or kickback forces, if proper precautions are taken.*
2. **Never place your hand near the rotating accessory.** *Accessory may kickback over your hand.*
3. **Do not position your body in the area where power tool will move if kickback occurs.** *Kickback will propel the tool in direction opposite to the wheel's movement at the point of snagging.*
4. **Use special care when working corners, sharp edges etc. Avoid bouncing and snagging the accessory.** *Corners, sharp edges or bouncing have a tendency to snag the rotating accessory and cause loss of control or kickback.*
5. This tool is designed to reduce the risk of kickback. However, improper assembly, installation, or usage may still cause kickback.

Set up Instructions

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

⚠WARNING

TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION:
Make sure that the power switch/trigger of the power tool is in the off-position and unplug the tool from its electrical outlet before performing any procedure in this section.

Adjusting the Safety Guard

1. Lay grinder upside down and loosen safety guard.
2. Rotate safety guard until at a 45° angle to bottom of grinder body.
3. Tighten safety guard and ensure it is secure. Adjust if necessary before proceeding.



Installing the Carving Disc

Install only on 4″ or 4-1/2″ angle grinder equipped with a constant pressure switch (paddle, dead man or kill switch) with a 7/8″ spindle and a maximum speed of 12,000 RPM or less.

1. Press in and hold the grinder's spindle lock (if equipped) and use a wrench (sold separately) to remove the Outer Flange.
2. Place Disc over the grinder spindle until seated on the grinder's Inner Flange.
3. Replace Outer Flange and tighten securely with a wrench.



Operation Instructions

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

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. Route the power cord along a safe route to reach the work area without creating a tripping hazard or exposing the power cord to possible damage. The power cord must reach the work area with enough extra length to allow free movement while working.
3. Secure loose workpieces using a vise or clamps (not included) to prevent movement while working.
4. There must not be hazardous objects, such as utility lines or foreign objects, nearby that will present a hazard while working.
5. You must use personal safety equipment including, but not limited to, ANSI-approved safety goggles underneath full face shield, hearing protection, and heavy-duty work gloves.

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Operation

⚠WARNING

TO PREVENT SERIOUS INJURY: Grip the tool firmly in both hands.

1. Follow the manufacturer's operating instructions and safety warnings applicable to your angle grinder.
2. Make sure that the switch is in the off-position, then plug in the tool.
3. Turn on the switch to start the tool. DO NOT start the tool with the Carving Disc in contact with the workpiece.
4. Allow the Carving Disc to come up to full speed before touching the work material.
5. Use both hands to operate grinder. Hold tool at main housing, and use auxiliary handle on top/side.
6. Apply the Carving Disc to the work material, allowing the tool to operate at full speed.

WARNING! TO PREVENT SERIOUS INJURY: Cut by pulling the saw back towards you, not pushing away from you.

7. Do not use excessive pressure or force the Carving Disc into the workpiece. If the tool bogs down, use lighter pressure. Allow the tool to do the work.
8. Periodically remove sawdust and wood shavings from around and under the grinder's on/off switch to prevent buildup of debris and ensure safe switch operation.
9. **TO PREVENT ACCIDENTS, AFTER USE:** Turn off the tool.
   WARNING! TO PREVENT SERIOUS INJURY: Allow the tool to come to a complete stop before setting it down.
   Unplug the tool. Remove the Carving Disc from the grinder, then store the Disc indoors out of children's reach.

Record Product's Date Code Here:_____

Note: If product has no date code, record month and year of purchase instead.

Note: Reference UPC 193175593207.

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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