

AMERITOOl 4" TRIM SAW

BEFORE PLUGGING IN, PLEASE READ INSTRUCTIONS THOROUGHLY.

The machine is potentially dangerous if improperly used. Please be sure to operate according to instructions and with the proper guards where applicable.

CAUTION

1. Never operate the saw without goggles or other safety eye equipment. Be sure that anyone who is observing nearby has adequate eye protection.
2. NEVER try and change the direction of a cut in progress. The Trim Saw is designed to make straight cuts only. Ignoring this or attempting to turn corners will result in damage to the diamond blade and possible personal injury.
3. Always unplug machine when doing maintenance or when not in use.
4. Never use the blade dry - it is designed for use in oil or water only and will be ruined immediately if used dry.

OPERATION INSTRUCTIONS

1. Carefully unpack the saw from the box, thoroughly checking all packing material to make certain no accessories or small parts are discarded. Inspect the machine to make sure that no damage has been incurred in shipping. Should the machine arrive in a damaged condition and damage to the carton indicates it occurred in transit, IMMEDIATELY contact the delivering carrier or shipping company and fill out any necessary forms for reimbursement. Although our quality control inspection makes it highly unlikely, should there be any missing parts or defects in material or workmanship, contact Ameritool Inc. for repair or replacement.
2. Remove the black saw table by lifting it up in front, pulling toward you.
3. Use pliers to loosen the bolt on the end of the arbor, turning in a counter clockwise direction. Remove bolt and flared washer. Place blade on the end of the arbor, making sure that it fits on lip. Replace flared washer and bolt, screwing clockwise to secure blade. Do not over tighten - bolt should be just a little more than finger tight.
4. The Ameritool Trim Saw is designed to be operated with oil or water. Water is recommended - it is cleaner and easier to use. **NEVER operate the saw dry, as this will ruin the blade within seconds.** Take a large glass of water and pour into the sump until water just touches the bottom of the blade. Replace the black saw table and adjust blade guard.
5. Put on your safety goggles; turn on the power switch. Pour additional water over the blade until there is a fine mist and a small amount of splash around the blade. **CAUTION:** Do not over fill sump, as it will splash everywhere.
6. Some blades require "dressing". This means that the protective matrix around the diamond must be removed before the blade can cut effectively. Read the directions that come with the blade to see if this step is necessary. If so, use a dressing stick and lay it on the table in front of the blade; cut into the stick a few

times. This will remove the protective coating from the blade. Now it is ready for use.

7. Place the material to be cut on the saw table and line it up properly with the diamond blade. Slide the material lightly into the blade until a groove forms; then firmly push the material slowly through the blade. Remember, the saw will only cut in a straight line. Do not attempt to cut curves. The diamond blade works best when material is pushed firmly against it. However, NEVER force a diamond blade.
8. Material to be cut should never be more than 2/3 the size of the visible cutting area of the blade. Do not attempt to cut soft material such as wood with a diamond blade; do not cut any material with hardness less than a common building brick. The diamond saw blade will actually cut hard materials much easier than soft materials as soft materials tend to clog up the microscopic diamond particles.
9. When working with several pieces of material, be sure to replenish the water as needed to prevent cutting dry.
10. As you near the end of the cut, reduce pressure on the material. This will avoid a sudden "break-through" and give a cleaner cut.
11. When work is completed, turn off switch and unplug Trim Saw. Drain water from sump, drying machine and blade with paper towels or an old cloth. Briefly turn on Trim Saw to spin dry the blade thoroughly.

MAINTENANCE

- Be sure to dry saw and blade after each use to prevent rust to the blade.
- If the saw is stored with water in the sump, (not recommended!) be sure to lower the water level so that it is below the blade. Otherwise, the blade will rust.
- The saw arbor and the shaft it fits on are made from different materials; and over time they can galvanize together making it impossible to remove the arbor. Every 2 months or so, remove the arbor using the allen wrench, turning counter clockwise. Place a few drops of oil on the shaft, rubbing to coat the shaft lightly. Then replace the arbor using the allen wrench to tighten.
- **Important: Take care not to get any oil or water down the shaft and into the motor, as this will cause the motor to burn out.**
- Do not pour the used water down the drain as it can harden like cement, closing up the drain.

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07/07

ELECTRICAL SAFETY - SAFETY RULES FOR POWER TOOLS

KEEP WORK AREA CLEAN - Cluttered areas and benches invite accidents

STORE IDLE TOOLS - When not in use, always store tools in a high, dry, or locked up place **OUT OF THE REACH OF CHILDREN**

AVOID DANGEROUS ENVIRONMENT - Never expose power tools to rain. Never use power tools in damp or wet location. Keep work area well lit.

KEEP CHILDREN AWAY - All visitors should stay at a safe distance from the work area.

DON'T "FORCE" A TOOL - Tools perform much better at the rate for which they were designed

WEAR PROPER APPAREL - Never wear loose clothing or jewelry that can easily get caught in moving parts. Rubber gloves and rubber footwear are recommended when working outdoors.

USE THE RIGHT TOOL - Don't force a small tool or attachment to do the job of a heavy-duty tool.

ALWAYS USE SAFETY GLASSES - Use a face mask or a dust mask in the operation is dusty.

DON'T ABUSE THE CORD - Never carry a tool by the cord or yank the cord to disconnect it from a receptacle. Keep cords away from heat, oil and sharp edges.

DON'T OVER REACH - Keep proper footing and balance at all times.

MAINTAIN TOOLS WITH CARE - Keep them sharp and clean for best and safest performance.

DISCONNECT TOOLS - Always disconnect tools before servicing, when not in use and when changing accessories such as blades, bits, cutters, etc.

REMOVE ADJUSTING KEYS AND WRENCHES - Check for keys and adjusting wrenches that are still in place before starting the tool.

AVOID ACCIDENTAL STARTING - Never carry a plugged in tool with your finger on the switch

ALWAYS be sure the switch is off before plugging in

WHEN USING A TOOL OUTDOORS - Only use extension cords suitable and marked for outdoor use.

NEVER USE THIS POWER TOOL IN EXPLOSIVE ENVIRONMENT

EXTENSION CORDS

With grounded tools, use only 3 wire extension cords that have 3-prong grounding type plugs and 3 pole receptacles that accept the tools plug. Replace or repair damaged or worn cord **IMMEDIATELY**. Only U.L. listed extension cords should be used with this product. If not locally available, write to:

Portable Appliance and Tool Group
2nd and Vine Streets
Boonville, Missouri

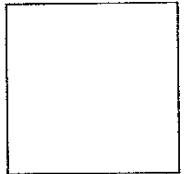
Improper use of extension cords may cause inefficient operation of the tool and can cause overheating. Be sure your extension cord is rated to allow sufficient current flow to the motor. For the proper gauge for your tool, see chart.

NAMEPLATE AMPS	CORD LENGTH IN FEET			
	25	50	100	150
0-3	18	18	18	18
3-6	18	18	16	16
6-8	18	16	16	12
8-10	18	16	14	12
10-12	16	14	14	12

ONE YEAR LIMITED WARRANTY

Must be returned within ten (10) days of purchase for Warranty to be valid.

Equipment Purchased _____ Serial No. _____
Dealer Name _____
Dealer Address _____
Date of Purchase _____
Customer Name _____
Customer Address _____
Phone Number/Email Address _____
Customer Signature _____
Comments _____



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ONE YEAR LIMITED WARRANTY

This product is warranted by AMERITOOOL, INC., to be free of defective material and workmanship for one year from the date of original purchase by consumer. This Warranty extends only to the original consumer-purchaser and to any other consumer who obtains the product by gift. This Warranty does not cover damage from abuse, negligence, accidental breakage, improper use or failure to exercise reasonable care and maintenance in accordance with the care and use instructions accompanying the product. **The unit,** excluding any diamond or sanding discs and/or saw blade, is warranted for one year. **Motor warranty is 90 days.** If the product fails to conform with the Warranty, AMERITOOOL, INC., will, at its cost, repair or replace, at AMERITOOOL's option, the defective material and workmanship. AMERITOOOL makes no express warranty other than this Warranty.

To obtain performance of the Warranty, the product must be returned, shipping charges prepaid, to an authorized AMERITOOOL dealer or the AMERITOOOL Service Center at 915 Merchant Street, Suite 3, Redding, CA 96002, within the one year warranty period. Contact the Service Center or a local dealer for the location of the nearest Service Station. A letter disclosing the defect, date of purchase and name of the dealer should be packed with the product. No reimbursement will be made for shipping, insurance, packing or handling charge involved in return of the product to the Service Center.

The consumer is responsible for return of the product properly packed and free of damage in transit. AMERITOOOL, therefore, recommends that the original carton and packing be used and product be insured against shipping loss and damage.

If the product is returned to a Service Center after the Warranty period or if the necessary repair or replacement is not covered by this Warranty, AMERITOOOL will so advise the consumer, and repairs will be made only upon the consumer's approval.

USING DISCS ON THE UNIVERSAL THAT EXCEED THE WEIGHT OF AMERITOOOL DISCS WILL VOID THIS WARRANTY