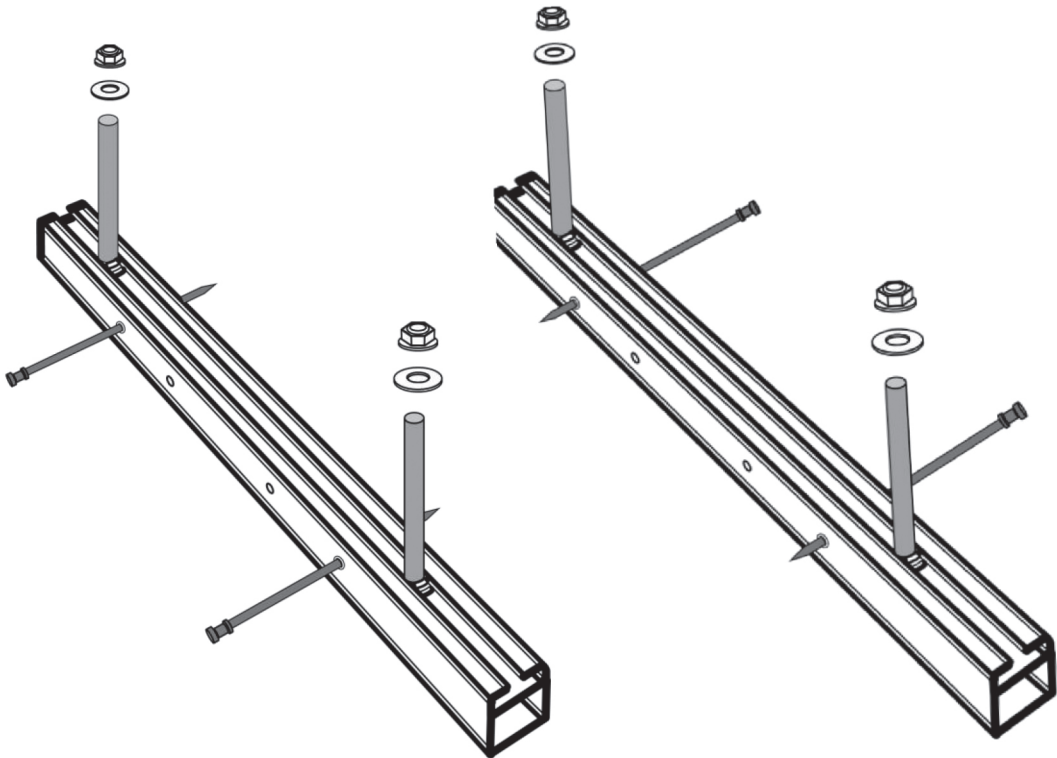




Owner's Manual

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16 in. Slabbing Rail Bracket
85134



! WARNING

READ AND UNDERSTAND THIS INSTRUCTION MANUAL
PRIOR TO USING THIS PRODUCT. FAILURE TO DO SO
MAY RESULT IN SERIOUS INJURY OR DEATH.

Keep this instruction manual for future reference.

The Slabbing Rail Brackets are used in horizontal chainsaw milling applications and are designed to provide a flat and steady surface for the chainsaw mill to create a consistent and flat first cut slab. The aluminum brackets require assembly with two straight 2 x 4's (not included) to offer a simple solution that can be used on logs of any diameter. The cutting length is limited by the length of the 2 x 4's used.

SPECIFICATIONS

Bracket Material	Extruded Aluminum
Bracket Length	16 in. (ea.)
Includes	Hardware for mounting 2 x 4's Four(4) Double-Headed Nails
Package Dimensions	16-1/2 x 4-1/8 x 1-9/16 in. (L x W x H)

The safety instructions provided in this manual are not intended to cover all possible conditions and practices that may occur when using, maintaining and cleaning the product.

Always use common sense and pay particular attention to all DANGER, WARNING, CAUTION, and NOTICE statements of 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	Addresses practices not related to personal injury.
CAUTION	

Symbol	Property or Statement
	Read and understand this instruction manual prior to using this product.
	Wear ANSI approved (or applicable national standard) goggles or properly fitted protective glasses with top and side protection.
	Use approved hearing protection such as ear plugs or ear muffs.

Symbol	Property or Statement
	Wear safety gloves.
	Use safety footwear.

UNPACKING & INSPECTION

When unpacking, please inspect the product carefully to ensure the product is intact and undamaged. If any parts are missing or broken, please call 1-800-386-0191 as soon as possible.



WARNING

Do not operate this product if damaged during shipment, handling, or after misuse.
Do not operate the product until the parts have been replaced or the fault rectified. Failure to do so may result in serious personal injury or property damage.

Remove the parts and accessories from the packaging and inspect for damage. Make sure that all items in the contents are included.

Package contents:

- Slabbing Brackets (2)
- Mounting Hardware
- Double Headed Nails (4)

GENERAL SAFETY RULES



WARNING

READ ALL SAFETY WARNINGS AND ALL INSTRUCTIONS. Failure to follow the warnings and instructions may result in electric shock, serious injury and/or DEATH.

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE.

WORK AREA SAFETY

- **Operate in a safe work environment.** Keep your work area clean, well-lit and free of distractions. Place lights so you are not working in a shadow.
- **Keep anyone not wearing appropriate safety equipment away from the work area.**
- **Store properly and in a safe and dry location.** Keep out of reach of children.
- **Do not install or use in the presence of flammable gases, dust, or liquids.**

PERSONAL SAFETY

- **Stay alert, watch what you are doing and use common sense when operating this product. Do not use this product while you are tired or under the influence of drugs, alcohol or medication.**
A moment of inattention while operating may result in serious personal injury.
- **Use personal protective Equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, and hearing protection will reduce personal injuries.
- **Do not let familiarity gained from frequent use to allow you to become complacent and ignore safety principles.** A careless action can cause severe injury within a fraction of a second.
- **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.
- **All users must understand the operation of all controls and learn how to stop the chainsaw quickly in case of emergency.**



WARNING

The safety procedures and practices as described in your chainsaw manual and as required by federal, state, or provincial law are still applicable while using this tool.

SPECIFIC SAFETY PRECAUTIONS

- **Follow all safety procedures and practices as described in your chainsaw manual.**
- **Always keep hands and limbs away from the chainsaw chain.**
- **Do not use the attachment if any parts are damaged, broken, misplaced, or if the attachment has been subjected to a dynamic shock load.** Have a qualified technician inspect, repair, or replace parts as needed.
- **Do not force the attachment. Use the correct tool for your application.** The attachment will do the work better and safer when used for the application for which it was designed.
- **The slabs, beams and logs are heavy. Handle them with caution.**
- **Chock the log to prevent it from moving while cutting.**

REQUIRED FOR ASSEMBLY

To assemble the brackets, you will need the following:

- Two straight 2 x 4's of the same length
- 5/16 in. dia. x 4 in. drill bit to make through-holes
- 5/8 in. dia. Spade drill bit to make countersinks
- Socket and socket driver
- Drill press (preferred) or hand drill

PREPARING THE 2 x 4's

The Slabbing Rail Brackets need to be assembled onto two 2 x 4's of the same length which are not included.

Select and purchase two, high-quality, straight 2 x 4's that are greater in length than the log(s) you expect to mill. For example, if you will be milling 12-ft logs, use two 15 ft. 2 x 4's.

Drilling the 2 x 4's:



WARNING

Follow all operation and safety warnings as listed in your drill press or hand drill manual when drilling.

On both ends of the 2 x 4 mark a point that is equal in distance from the end, between 6 and 10 in., and in the center of the narrow side of the wood, see Fig.1.

Use a drill press with a 5/16 in. x 4 in. drill bit to drill a straight hole and perpendicular to the face through the width of the 2 x 4 as shown in Fig.1. If a drill press is not available, use a hand drill and have someone hold a framing square near the drill while carefully drilling the hole as straight and perpendicular to the face as possible.

Next, and using the 5/16 in. hole as a pilot, use a 5/8 in. spade drill to drill a countersink 3/4 in. to 1 in deep and to ensure the washer and nut used to fasten the brackets are below the wood's surface.

Repeat these steps for the second 2 x 4, marking the holes to be the same distance from the ends as the other 2 x 4.

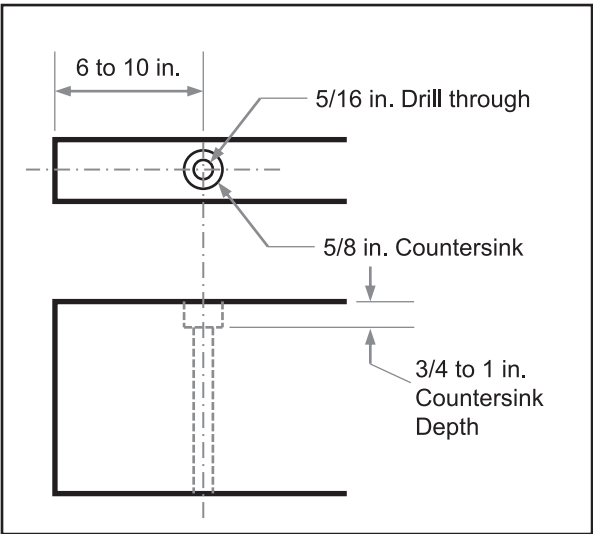


Fig. 1 – Drilling the 2 x 4's

Install the Slabbing Rail Brackets:

To install the Slabbing Rail Brackets, place two carriage bolts from the included hardware into the slot on one aluminum bracket.

With the Slabbing Rail Bracket on a flat surface and the two carriage bolts pointing upwards, insert one, then the other 2 x 4 onto the carriage bolts with the countersunk hole on top. Place a washer onto the carriage bolt through the countersunk hole, then use a socket and socket driver to carefully drive the nut onto the carriage bolt thread but do not tighten all the way.

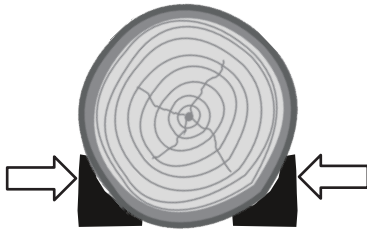
On the remaining bracket, slide two carriage bolts into the bracket slot. Lift the 2 x 4's on the end opposite of the installed bracket then install the second bracket using the washers and nuts as described above.

Once all four nuts have been installed, tighten the nuts.

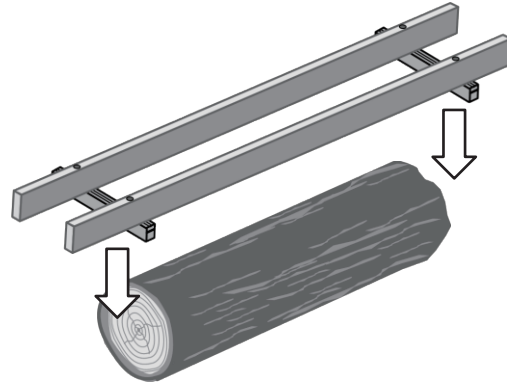
OPERATION

Refer to the “Using the Slabbing Rails” for information about operation.

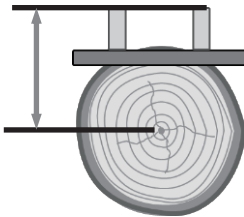
USING THE SLABBING RAILS



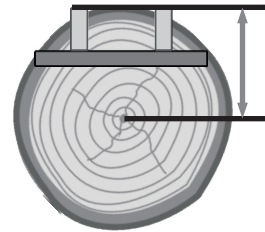
1. Ensure the log is chocked on both sides to prevent it from rolling or moving.



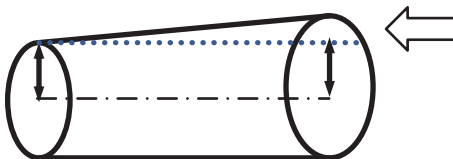
2. Place the Slabbing Rails onto the log.



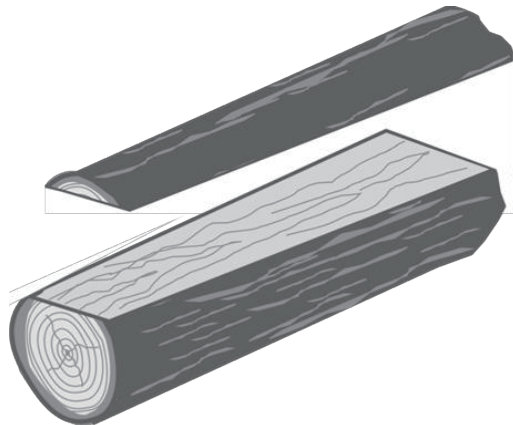
3. On the narrow end, use two double headed nails to affix the bracket to the log. Measure the distance from the top of the rails to the center of the log.



4. On the wide end of the log, make the distance from the top of the rails to the center of the log the same as what was measured on the narrow end. Use the double headed nails to fix in place.



5. Start your cut on the wide end of the log. While cutting, and every 12 to 16 in., place a wedge into the cut to support the slab and rails and to prevent sagging which will cause binding of the saw blade.



6. When finished cutting, the first cut will look like a wedge. Remove the Slabbing Rails and wedge then continue saw milling the log.

90 DAY LIMITED WARRANTY

Star Asia-USA, LLC (hereinafter "seller") warrants to the original purchaser only, that this product will be free from defects in material or workmanship for a period of 90 days from date of purchase for home domestic use.

Warranty Performance

Warranty coverage is conditioned upon purchaser furnishing seller or its authorized service center with adequate written proof of the original purchase date. Products returned, freight prepaid and insured, to our factory or to an Authorized Service Center will be inspected and repaired or replaced, at seller's option, free of charge if found to be defective and subject to warranty. Defective parts not subject to normal wear and tear will be repaired or replaced, at our option during the above stated warranty periods. In any event, reimbursement is limited to the purchase price paid. Other than the postage and insurance requirement, no charge will be made for repairs or replacements covered by this warranty. Under no circumstances shall the manufacturer bear any responsibility for loss of the unit, loss of time or rental, inconvenience, commercial loss or consequential damages. There are no warranties which extend beyond the description of the face hereof.

Exclusions

This warranty does not cover parts damaged due to normal wear, abnormal conditions, misapplication, misuse, abuse, accidents, operation at other than recommended pressures or temperatures, improper storage of freight damage. Parts damaged or worn by operation in dusty environments are not warranted. Failure to follow recommended operating and maintenance procedures also voids warranty. Additional items not covered under warranty: product failure caused by rain, excessive humidity, corrosive environments or other contaminants; cosmetic defects that do not interfere with product's functionality. This warranty shall not apply when: the product has been used for commercial or rental purposes; defects in materials or workmanship or damages result from repairs or alterations which have been made or attempted by others or the unauthorized use of nonconforming parts; this damage is due to abuse, improper maintenance, neglect or accident; or the damage is due to use of the product after partial failure or use with improper accessories. Warranty does not apply to accessory items. Seller will not be liable for: labor charges, loss or damage resulting from improper operation, maintenance or repairs made by persons other than a Star Asia-USA, LLC Authorized Service Center. The use of other than genuine Star Asia-USA, LLC repair parts will void warranty.

Warranty Disclaimers

NO WARRANTY, ORAL OR WRITTEN, OTHER THAN THE ABOVE WARRANTY IS MADE WITH REGARD TO THIS PRODUCT, ANY IMPLIED WARRANTIES OF SELLER REGARDING THIS PRODUCT INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE EXCLUDED. BUYER'S OR USER'S REMEDIES ARE SOLELY AND EXCLUSIVELY AS STATED ABOVE. STAR ASIA-USA, LLC SHALL IN NO EVENT BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL, INDIRECT, OR SPECIAL DAMAGES. IN NO EVENT, WHETHER AS A RESULT OF A BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE) OR OTHERWISE, SHALL SELLER'S LIABILITY EXCEED THE PRICE OF THE PRODUCT WHICH HAS GIVEN RISE TO THE CLAIM OR LIABILITY. ANY LIABILITY CONNECTED WITH THE USE OF THIS PRODUCT SHALL TERMINATE UPON THE EXPIRATION OF THE WARRANTY PERIODS SPECIFIED ABOVE.

Limitations on Warranty Disclaimers

Any implied warranties shall be limited in duration to 90 days from the date of purchase. In some states of the U.S.A. and in some provinces of Canada there is no limitation for how long an implied warranty is valid, so the aforementioned limitation may not apply to you. In no event shall a seller be liable for any incidental or consequential damages (including but not limited to liability for loss of profits) arising from the sale or use of this product. In some states of the U.S.A. and in some provinces of Canada the exclusion or limitation of incidental or consequential damages is not allowed, so that aforementioned limitation or exclusion may not apply to you.

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