



# MODEL T33987

## SMALL ITEM SLED

### OWNER'S MANUAL

*(For models manufactured since 11/23)*



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**WARNING: NO PORTION OF THIS MANUAL MAY BE REPRODUCED IN ANY SHAPE  
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#CS22981 PRINTED IN TAIWAN

V1.01.24

**\*\*\*Keep for Future Reference\*\*\***



## **WARNING!**

**This manual provides critical safety instructions on the proper setup, operation, maintenance, and service of this machine/tool. Save this document, refer to it often, and use it to instruct other operators.**

**Failure to read, understand and follow the instructions in this manual may result in fire or serious personal injury—including amputation, electrocution, or death.**

**The owner of this machine/tool is solely responsible for its safe use. This responsibility includes but is not limited to proper installation in a safe environment, personnel training and usage authorization, proper inspection and maintenance, manual availability and comprehension, application of safety devices, cutting/sanding/grinding tool integrity, and the usage of personal protective equipment.**

**The manufacturer will not be held liable for injury or property damage from negligence, improper training, machine modifications or misuse.**



## **WARNING!**

**Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:**

- **Lead from lead-based paints.**
- **Crystalline silica from bricks, cement and other masonry products.**
- **Arsenic and chromium from chemically-treated lumber.**

**Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: Work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.**

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# INTRODUCTION

## Contact Info

We stand behind our machines! If you have questions or need help, contact us with the information below. Before contacting, make sure you get the **serial number** and **manufacture date** from the machine ID label. This will help us help you faster.

Grizzly Technical Support  
1815 W. Battlefield  
Springfield, MO 65807  
Phone: (570) 546-9663  
Email: techsupport@grizzly.com

We want your feedback on this manual. What did you like about it? Where could it be improved? Please take a few minutes to give us feedback.

Grizzly Documentation Manager  
P.O. Box 2069  
Bellingham, WA 98227-2069  
Email: manuals@grizzly.com

## Specifications

Product Weight..... 1 lb.  
Width x Depth x Height ..... 12 x 15-5/8 x 4 in.  
Table Saw Requirements  
    Table Miter Slot Width ..... 3/4 in.  
    Table Miter Slot Depth ..... 3/8 in.  
    Blade to Miter Slot  
        Minimum Distance ..... 2-1/2 in.  
    Blade Arbor to Rear Table Edge  
        Minimum Distance ..... 11-1/2 in.  
    Blade Tilt ..... 0 deg.  
Maximum Stock Thickness ..... 1 in.  
Maximum Stock Width ..... 5-1/2 in.  
Sled T-Slot Size ..... 5/16 in.  
Construction  
    Sled ..... Laminated MDF  
    T-Slots ..... Aluminum  
    Miter Bar ..... Aluminum  
    Blade Guard ..... Plastic


## Manual Accuracy

We are proud to provide a high-quality owner's manual with your new machine!

We made every effort to be exact with the instructions, specifications, drawings, and photographs in this manual. Sometimes we make mistakes, but our policy of continuous improvement also means that **sometimes the machine you receive is slightly different than shown in the manual.**

If you find this to be the case, and the difference between the manual and machine leaves you confused or unsure about something, check our website for an updated version. We post current manuals and manual updates for free on our website at **www.grizzly.com**.

Alternatively, you can call our Technical Support for help. Before calling, make sure you write down the **manufacture date** and **serial number** from the machine ID label (see below). This information is required for us to provide proper tech support, and it helps us determine if updated documentation is available for your machine.

		MODEL GXXXX MACHINE NAME	
SPECIFICATIONS		▲ WARNING!	
Motor:	To reduce risk of serious injury when using this machine:		
Specification:	1. Read manual before operation.		
Specification:	2. Wear safety glasses and respirator.		
Specification:	3. Make sure the motor is properly adjusted/setup and		
Weight:	4. power is connected to grounded circuit before starting.		
	5. Make sure the motor has stopped and disconnect		
	6. power before adjustments, maintenance, or service.		
	7. DO NOT expose to rain or dampness.		
	8. DO NOT modify this machine in any way.		
	9. Do not use the machine if you are tired, drowsy, or		
	10. affected by drugs or alcohol.		
	11. Maintain machine carefully to prevent accidents.		
Manufactured for Grizzly in Taiwan			



# SECTION 1: SAFETY

## For Your Own Safety, Read Instruction Manual Before Operating This Machine

The purpose of safety symbols is to attract your attention to possible hazardous conditions. This manual uses a series of symbols and signal words intended to convey the level of importance of the safety messages. The progression of symbols is described below. Remember that safety messages by themselves do not eliminate danger and are not a substitute for proper accident prevention measures. Always use common sense and good judgment.



Indicates an imminently hazardous situation which, if not avoided, **WILL** result in death or serious injury.



Indicates a potentially hazardous situation which, if not avoided, **COULD** result in death or serious injury.



Indicates a potentially hazardous situation which, if not avoided, **MAY** result in minor or moderate injury. It may also be used to alert against unsafe practices.

### **NOTICE**

Alerts the user to useful information about proper operation of the machine to avoid machine damage.

## Safety Instructions for Machinery



**OWNER'S MANUAL.** Read and understand this owner's manual **BEFORE** using machine.

**TRAINED OPERATORS ONLY.** Untrained operators have a higher risk of being hurt or killed. Only allow trained/supervised people to use this machine. When machine is not being used, disconnect power, remove switch keys, or lock-out machine to prevent unauthorized use—especially around children. Make your workshop kid proof!

**DANGEROUS ENVIRONMENTS.** Do not use machinery in areas that are wet, cluttered, or have poor lighting. Operating machinery in these areas greatly increases the risk of accidents and injury.

**MENTAL ALERTNESS REQUIRED.** Full mental alertness is required for safe operation of machinery. Never operate under the influence of drugs or alcohol, when tired, or when distracted.

### **ELECTRICAL EQUIPMENT INJURY RISKS.**

You can be shocked, burned, or killed by touching live electrical components or improperly grounded machinery. To reduce this risk, only allow qualified service personnel to do electrical installation or repair work, and always disconnect power before accessing or exposing electrical equipment.

**DISCONNECT POWER FIRST.** Always disconnect machine from power supply **BEFORE** making adjustments, changing tooling, or servicing machine. This prevents an injury risk from unintended startup or contact with live electrical components.

**EYE PROTECTION.** Always wear ANSI-approved safety glasses or a face shield when operating or observing machinery to reduce the risk of eye injury or blindness from flying particles. Everyday eyeglasses are **NOT** approved safety glasses.



## WARNING

**WEARING PROPER APPAREL.** Do not wear loose clothing, gloves, neckties, or jewelry that can become entangled in moving parts. Always tie back or cover long hair. Wear non-slip footwear to reduce risk of slipping and losing control or accidentally contacting cutting tool or moving parts.

**HAZARDOUS DUST.** Dust created by machinery operations may cause cancer, birth defects, or long-term respiratory damage. Be aware of dust hazards associated with each workpiece material. Always wear a NIOSH-approved respirator to reduce your risk.

**HEARING PROTECTION.** Always wear hearing protection when operating or observing loud machinery. Extended exposure to this noise without hearing protection can cause permanent hearing loss.

**REMOVE ADJUSTING TOOLS.** Tools left on machinery can become dangerous projectiles upon startup. Never leave chuck keys, wrenches, or any other tools on machine. Always verify removal before starting!

**USE CORRECT TOOL FOR THE JOB.** Only use this tool for its intended purpose—do not force it or an attachment to do a job for which it was not designed. Never make unapproved modifications—modifying tool or using it differently than intended may result in malfunction or mechanical failure that can lead to personal injury or death!

**AWKWARD POSITIONS.** Keep proper footing and balance at all times when operating machine. Do not overreach! Avoid awkward hand positions that make workpiece control difficult or increase the risk of accidental injury.

**CHILDREN & BYSTANDERS.** Keep children and bystanders at a safe distance from the work area. Stop using machine if they become a distraction.

**GUARDS & COVERS.** Guards and covers reduce accidental contact with moving parts or flying debris. Make sure they are properly installed, undamaged, and working correctly BEFORE operating machine.

**FORCING MACHINERY.** Do not force machine. It will do the job safer and better at the rate for which it was designed.

**NEVER STAND ON MACHINE.** Serious injury may occur if machine is tipped or if the cutting tool is unintentionally contacted.

**STABLE MACHINE.** Unexpected movement during operation greatly increases risk of injury or loss of control. Before starting, verify machine is stable and mobile base (if used) is locked.

**USE RECOMMENDED ACCESSORIES.** Consult this owner's manual or the manufacturer for recommended accessories. Using improper accessories will increase the risk of serious injury.

**UNATTENDED OPERATION.** To reduce the risk of accidental injury, turn machine **OFF** and ensure all moving parts completely stop before walking away. Never leave machine running while unattended.

**MAINTAIN WITH CARE.** Follow all maintenance instructions and lubrication schedules to keep machine in good working condition. A machine that is improperly maintained could malfunction, leading to serious personal injury or death.

**DAMAGED PARTS.** Regularly inspect machine for damaged, loose, or mis-adjusted parts—or any condition that could affect safe operation. Immediately repair/replace BEFORE operating machine. For your own safety, DO NOT operate machine with damaged parts!

**MAINTAIN POWER CORDS.** When disconnecting cord-connected machines from power, grab and pull the plug—NOT the cord. Pulling the cord may damage the wires inside. Do not handle cord/plug with wet hands. Avoid cord damage by keeping it away from heated surfaces, high traffic areas, harsh chemicals, and wet/damp locations.

**EXPERIENCING DIFFICULTIES.** If at any time you experience difficulties performing the intended operation, stop using the machine! Contact our Technical Support at (570) 546-9663.





# Additional Safety for Small Item Sleds

## **WARNING**

Serious cuts, amputation, or death can occur from contact with rotating saw blade during operation. Workpieces, broken blades, or flying particles thrown by blade can blind or strike operators or bystanders with deadly force. To minimize the risk of these hazards, operators and bystanders **MUST** completely heed the hazards and warnings below.

**HAND & BODY POSITIONING.** Keep hands away from blade and out of blade path during operation, so they cannot accidentally slip into blade. Only operate at front of saw and always stand to side of blade path. Never reach behind or over blade, or under sled blade guard when blade is spinning.

**SLED BLADE GUARD & STOP.** Sled blade guard protects operator from rotating saw blade during sled operations. Make sure sled blade guard is installed, adjusted correctly, and used for all cuts. Promptly repair or replace if damaged. Sled stop **MUST** be securely and correctly installed in table saw miter slot for all sled operations to prevent blade from exiting blade guard protection.

**FEEDING SLED.** Feeding sled incorrectly increases risk of kickback. Always allow blade to reach full speed before cutting, then feed sled from front of saw, making sure workpiece is flat against sled base and rear sled fence. Maintain downward pressure on workpiece with hold-down. Feed cuts through to completion. Never start saw with workpiece touching blade or pull sled from behind blade. Never plunge cut. **ALWAYS** use two hands to firmly hold sled when cutting. Failure to maintain downward pressure on sled could cause it to lift out of miter slot.

**DADO & RABBETING OPERATIONS.** **DO NOT** attempt dado or rabbeting operations with sled.

**KICKBACK.** Kickback occurs when saw blade ejects workpiece back toward operator. Know how to reduce risk of kickback, and learn how to protect yourself if it does occur.

**TABLE SAW ACCESSORIES.** Sled operation requires removal of saw miter gauge, fence, and blade guard. Always immediately re-install and correctly adjust saw blade guard and any other safety features of table saw after sled is removed.

**CUT-OFF PIECES.** To avoid risk of injury due to blade contact, turn saw **OFF** and allow blade to completely stop before removing cut-off pieces near blade. Never use your hands to move cut-off pieces away from blade while saw is running.

**CUTTING CORRECT MATERIAL.** Cutting metal, glass, stone, tile, etc., increases risk of operator injury due to kickback of flying particles. Only cut natural and man-made wood products, laminate-covered wood products, and some plastics. Never cut materials not intended for your saw.

**SPECIFICATIONS.** **DO NOT** use sled on table saw or with workpiece that does not meet the requirements included in **Specification** section of this manual. Table saws that do not meet these requirements or are adjusted incorrectly may cause an increased risk of kickback and operator injury.

## **WARNING**

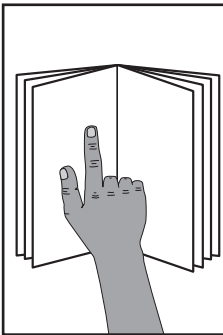
No list of safety guidelines can be complete. Every shop environment is different. Always consider safety first, as it applies to your individual working conditions. Use this equipment and machinery with caution and respect. Failure to do so could result in serious personal injury, damage to equipment, or poor work results.

## **CAUTION**

Like all machinery there is potential danger when operating this equipment. Accidents are frequently caused by lack of familiarity or failure to pay attention. Use this equipment with respect and caution to decrease the risk of operator injury. If normal safety precautions are overlooked or ignored, serious personal injury may occur.



# SECTION 2: SETUP



## !WARNING

Sled setup and use present serious injury hazards to untrained users. Read through this entire manual to become familiar with operations before beginning setup!



## !WARNING

Wear safety glasses during entire setup process!

## !WARNING

Proper sled setup requires cutting with a table saw. Eye injuries, respiratory problems, or hearing loss can occur while operating table saw. Wear personal protective equipment to reduce your risk from these hazards during steps that require use of table saw.



## Needed for Setup

The following items are needed, but not included, for the setup/assembly of this equipment.

Description	Qty
• Safety Glasses .....	1
• Phillips Head Screwdriver #2 .....	1
• Table Saw.....	1
• Wrench $\frac{7}{16}$ ".....	1
• Ruler or Measuring Tape.....	1
• Hand Drill.....	1
• Drill Bit $\frac{1}{8}$ " .....	1
• Pencil or Marker .....	1

## Unpacking

This equipment was carefully packaged for safe transport. When unpacking, separate all enclosed items from packaging materials and inspect them for shipping damage. ***If items are damaged, please call us immediately at (570) 546-9663.***

**IMPORTANT:** Save all packaging materials until you are completely satisfied with the equipment and have resolved any issues between Grizzly or the shipping agent. ***You MUST have the original packaging to file a freight claim. It is also extremely helpful if you need to return your equipment later.***





# Inventory

The following is a list of items shipped with your sled. Before beginning setup, lay these items out and inventory them.

If any non-proprietary parts are missing (e.g. a nut or a washer), we will gladly replace them; or for the sake of expediency, replacements can be obtained at your local hardware store.

Loose Inventory (Figure 1)	Qty
A. Sled .....	1
B. Zero Clearance Insert .....	1
C. Miter Bar .....	1
D. Blade Guard .....	1
E. Cut-Off Ramp .....	1
F. Sled Stop Assembly .....	1
G. Hold-Down Clamp .....	1
H. Flat Head Screwdriver $\frac{1}{8}$ " .....	1

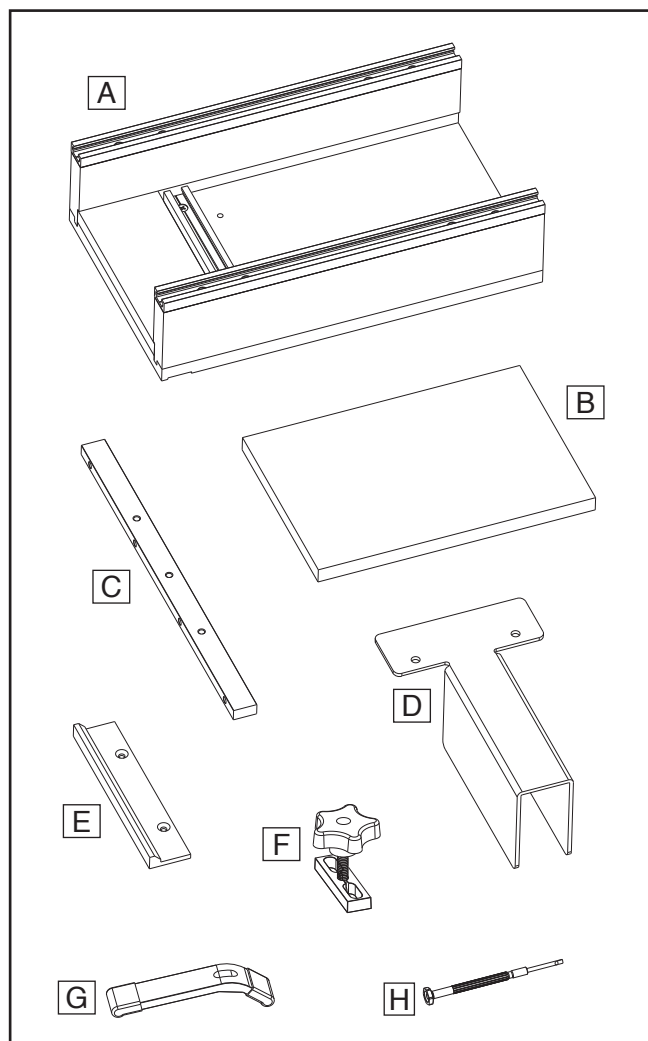


Figure 1. Loose inventory.

Fasteners (Figure 2)	Qty
I. Hex Bolts $\frac{1}{4}$ "-20 x $\frac{1}{2}$ " .....	2
J. Acorn Nuts $\frac{1}{4}$ "-20 .....	2
K. Wood Screws #8 x $\frac{1}{2}$ " .....	2
L. Wood Screws #8 x $\frac{3}{4}$ " .....	5
M. T-Bolt $\frac{5}{16}$ "-18 x $3\frac{1}{2}$ " .....	1
N. Knob $\frac{5}{16}$ "-18 .....	1
O. Flat Washer $\frac{5}{16}$ " .....	1

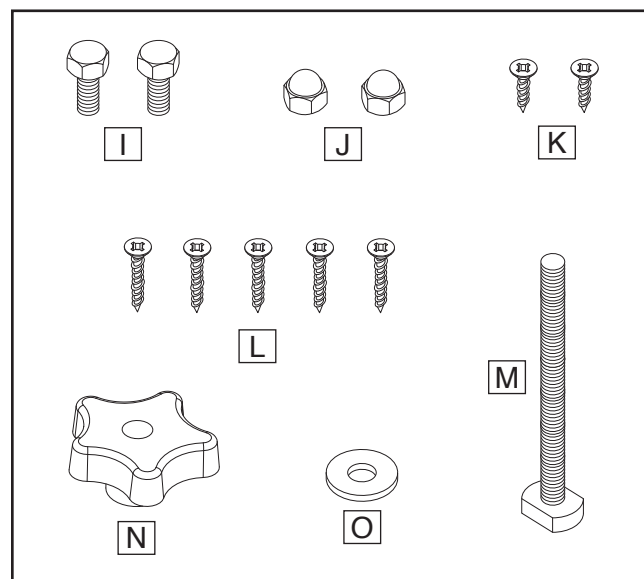


Figure 2. Fasteners.

## NOTICE

If you cannot find an item on this list, carefully check around/inside the machine and packaging materials. Often, these items get lost in packaging materials while unpacking or they are pre-installed at the factory.

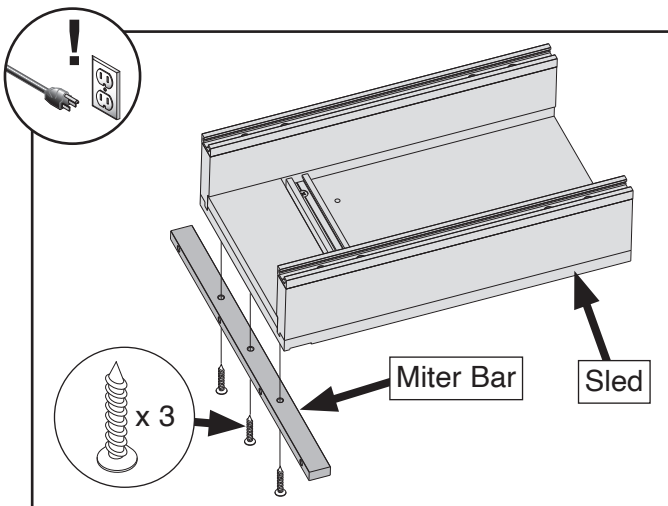


# Assembly

The sled must be fully assembled before it can be used. Before beginning the assembly process, refer to **Needed for Setup** and gather all listed items.

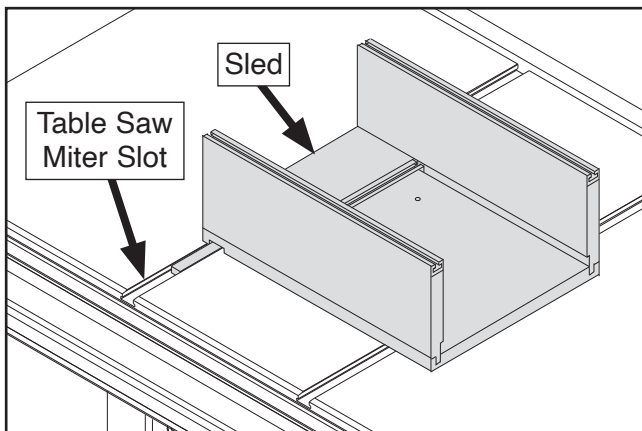
## To assemble sled:

1. DISCONNECT TABLE SAW FROM POWER!
2. Remove existing blade guard, miter gauge, and fence, then completely lower table saw blade below table surface.
3. Attach miter bar to sled with (3) #8 x  $\frac{3}{4}$ " wood screws (see **Figure 3**).



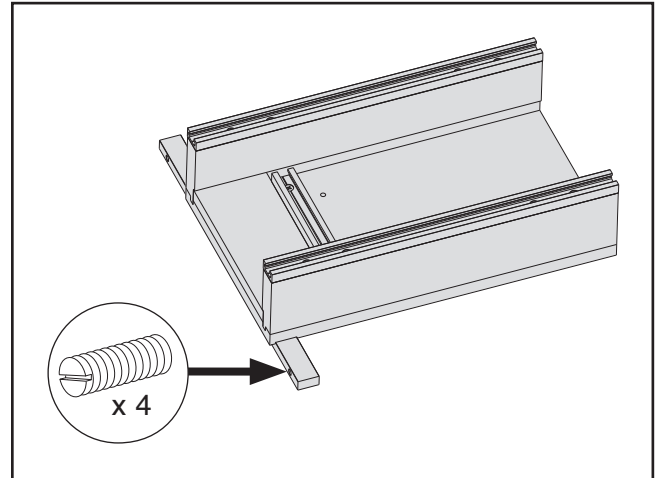
**Figure 3.** Attaching miter bar to sled.

4. Place sled miter bar in table saw miter slot to left of blade (see **Figure 4**) to check how miter bar moves through slot.



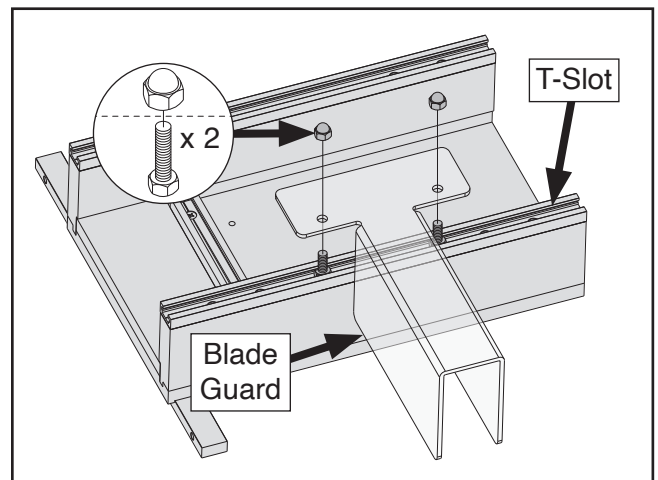
**Figure 4.** Sled miter bar in table saw miter slot.

5. Remove sled from table and adjust (4) slotted set screws shown in **Figure 5** until miter bar will move snugly and smoothly through miter slot, without wobbling side-to-side.



**Figure 5.** Location of slotted set screws.

6. Insert (2)  $\frac{1}{4}$ "-20 x  $\frac{1}{2}$ " hex bolts into front sled T-slot, as shown in **Figure 6**.
7. Align bolts with holes in blade guard, then attach blade guard by loosely threading (2)  $\frac{1}{4}$ "-20 acorn nuts onto bolts (see **Figure 6**).

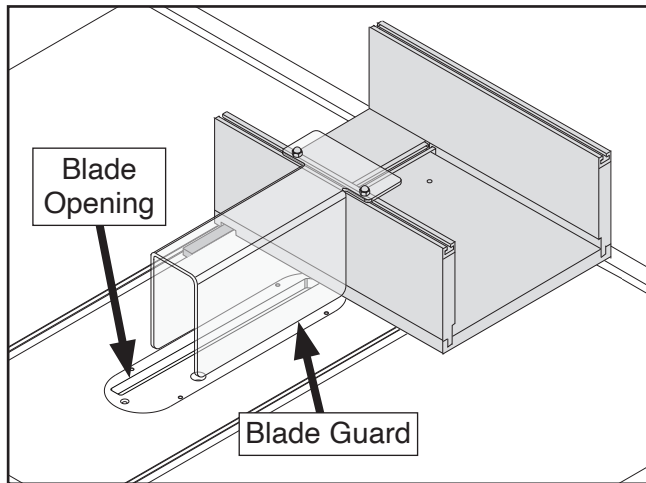


**Figure 6.** Attaching blade guard to sled.

8. Position sled miter bar in left table saw miter slot so sled is just behind blade opening (see **Figure 7**).

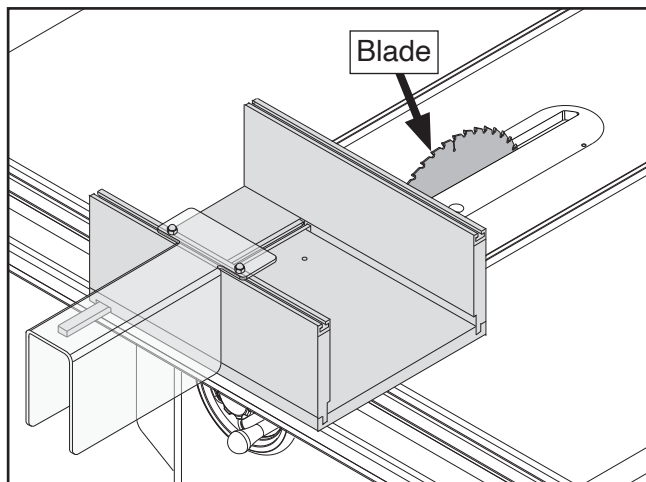


9. Slide blade guard so it is centered over blade opening (see **Figure 7**), then tighten acorn nuts from **Step 7**.



**Figure 7.** Blade guard centered over blade opening.

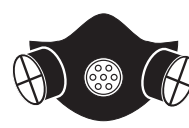
10. Return sled to starting position so sled clears blade (see **Figure 8**).
11. Raise table saw blade so blade extends 2" out of table (see **Figure 8**).



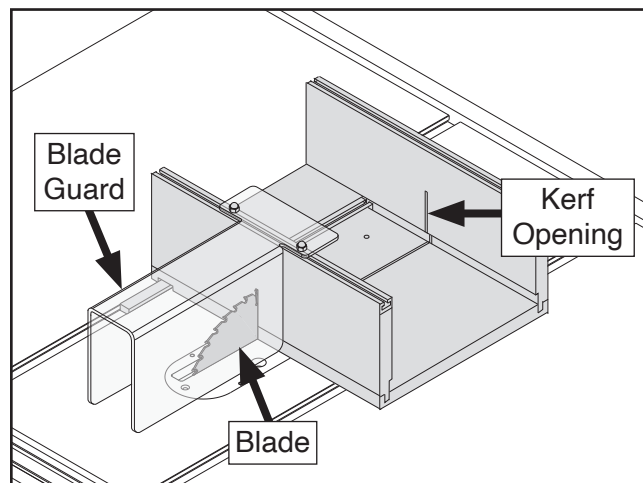
**Figure 8.** Sled positioned for blade clearance cut.

## ! WARNING

Some of the following steps require cutting with table saw. Eye injuries, respiratory problems, or hearing loss can occur while operating table saw. Wear personal protective equipment to reduce your risk from these hazards during steps that require use of table saw.



12. Connect table saw to power and turn saw **ON**.
13. Push sled through blade to cut kerf opening in sled base and fences, but stop sled while blade is still enclosed by blade guard (see **Figure 9**).



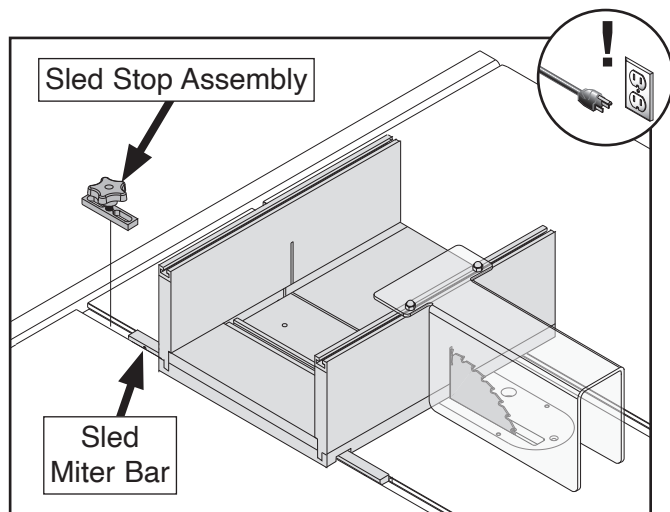
**Figure 9.** Kerf opening cut into sled base and fences.

14. Turn **OFF** table saw, allow blade to come to a complete stop, and DISCONNECT MACHINE FROM POWER.



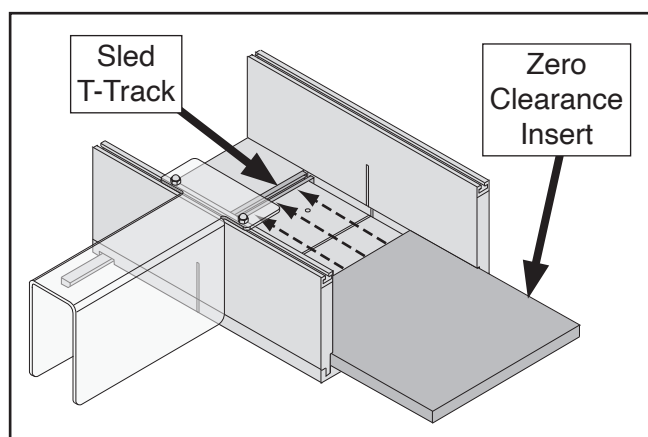
15. Place sled stop assembly in rear of left table saw miter slot against sled miter bar, then tighten lock knob to secure (see **Figure 10**).

**⚠ WARNING:** Blade guard reduces risk of operator contact with blade. Sled stop must be installed to stop sled before blade leaves blade guard.



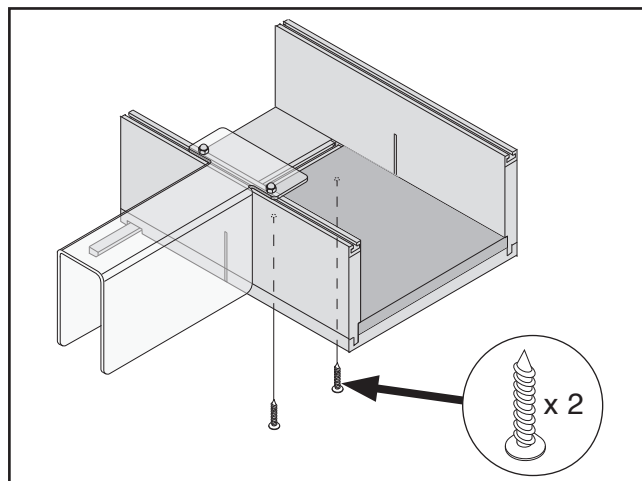
**Figure 10.** Installing sled stop against miter bar.

16. Remove sled from table saw.
17. Slide zero clearance insert into slot under sled fences until insert is flush against base T-track (see **Figure 11**).



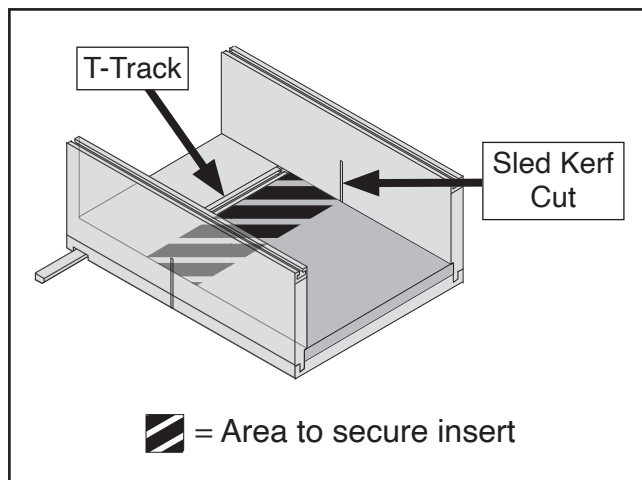
**Figure 11.** Installing zero clearance insert in sled.

18. While holding zero clearance insert in place, turn sled over (see **Figure 12**).
19. Secure zero clearance insert by installing (2) #8 x 3/4" wood screws in pre-drilled holes shown in **Figure 12**.



**Figure 12.** Location of zero clearance insert screw holes on underside of sled.

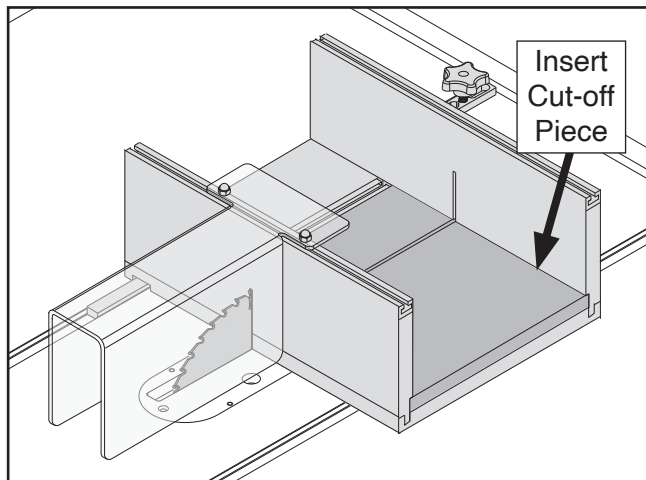
- If pre-drilled holes were cut during **Step 13**, drill (2) new pilot holes on underside of sled between sled kerf cut and T-track, then use those holes to secure insert (see **Figure 13**).



**Figure 13.** Location to drill new pilot holes (blade guard removed for clarity).

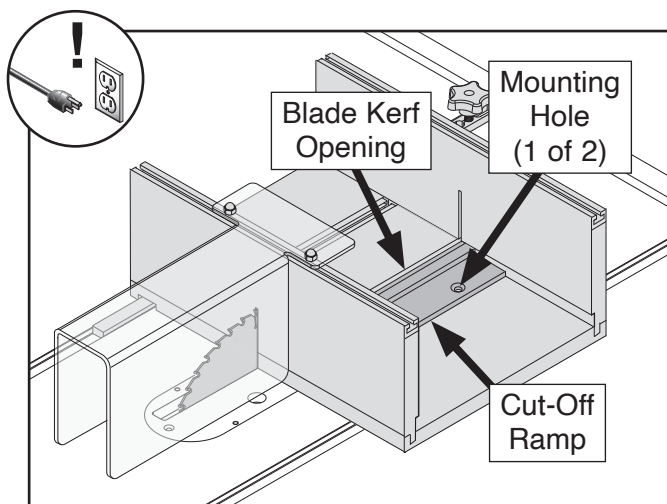


20. Place sled in table saw miter slot in starting position.
21. Connect table saw to power and turn saw **ON**.
22. Push sled forward to cut through zero clearance insert (see **Figure 14**), stopping when sled contacts sled stop.



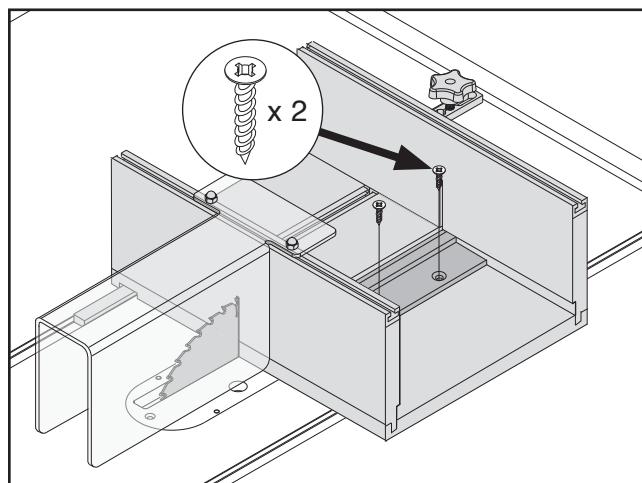
**Figure 14.** Zero clearance insert cut to size.

23. Turn **OFF** table saw, allow blade to come to a complete stop, and DISCONNECT MACHINE FROM POWER.
24. Remove and discard zero clearance insert cut-off piece (see **Figure 14**).
25. Slide cut-off ramp into slot under sled fences and align it with outside edge of blade kerf opening in sled base, as shown in **Figure 15**.



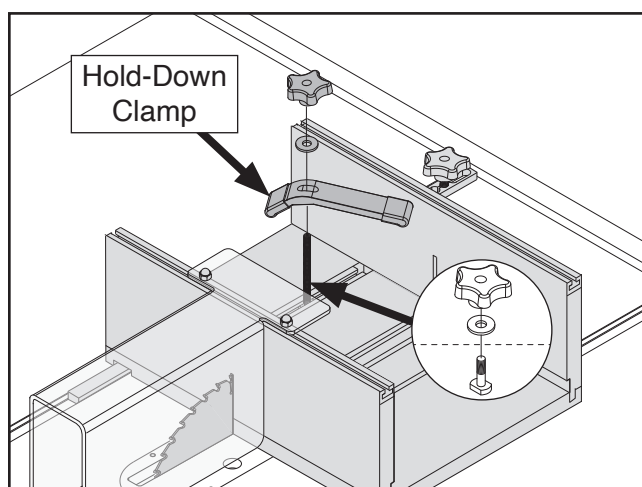
**Figure 15.** Cut-off ramp aligned with edge of blade kerf opening.

26. While holding cut-off ramp in place, push sled through its full range of movement to ensure blade will not contact cut-off ramp once it is installed.
27. Mark location of cut-off ramp mounting holes (see **Figure 15**).
28. Remove cut-off ramp from sled, then drill pilot holes in sled base at locations marked in **Step 27**.
29. Install cut-off ramp and secure with (2) #8 x 1/2" wood screws (see **Figure 16**).



**Figure 16.** Installing cut-off ramp.

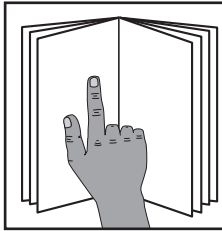
30. Insert 5/16"-18 x 3 1/2" T-bolt in sled T-track, place hold-down clamp and 5/16" flat washer on bolt, then secure by loosely threading 5/16"-18 knob onto bolt (see **Figure 17**).



**Figure 17.** Installing hold-down clamp.



# SECTION 3: OPERATIONS

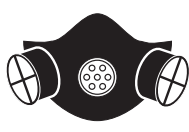


## **!WARNING**

To reduce your risk of serious injury, read this entire manual **BEFORE** using sled.

## **!WARNING**

Eye injuries, respiratory problems, or hearing loss can occur while operating table saw. Wear personal protective equipment to reduce your risk from these hazards.



## **!WARNING**

Kickback is often defined as the high-speed expulsion of stock from table saw toward its operator. In addition to the danger of operator or others in area being struck by flying stock, kickback can also pull operator's hands into blade. Always use hold-down clamp to secure workpiece to sled to prevent these risks.

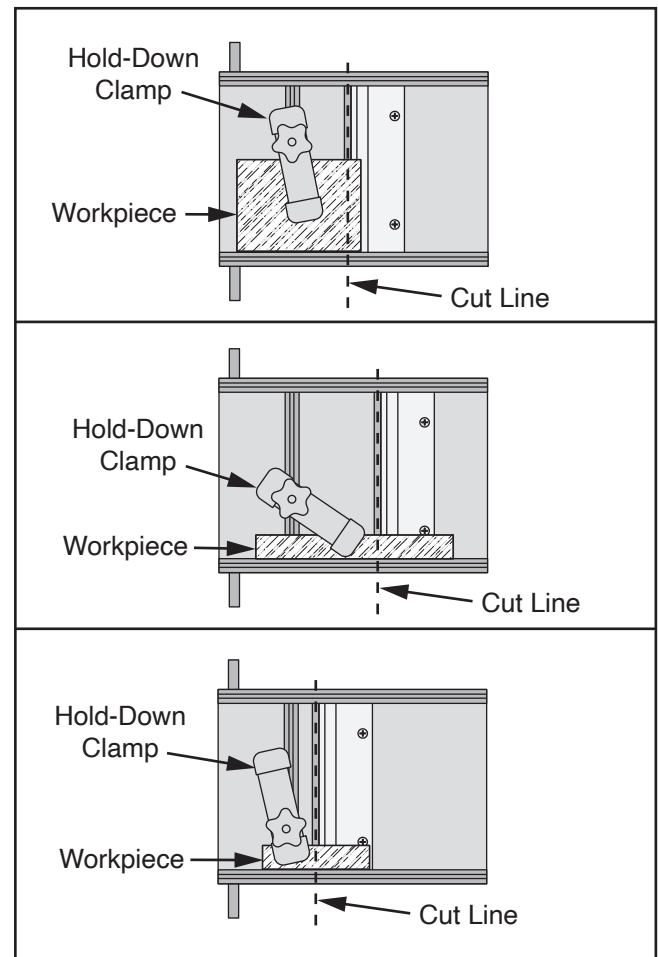
## **NOTICE**

If you are not experienced with this type of equipment, **WE STRONGLY RECOMMEND** that you seek additional training outside of this manual. Read books/magazines or get formal training before beginning any projects. Regardless of the content in this section, Grizzly Industrial will not be held liable for accidents caused by lack of training.

## Positioning Hold-Down Clamp

When securing a workpiece, the hold-down clamp positioning will depend on the size and shape of your workpiece and the distance between the table saw miter gauge slot and the blade.

Position the clamp however it will best secure your workpiece without interfering with the blade during the cut. When the clamp is positioned, fully tighten the knob to secure the workpiece. **Figure 18** shows some examples of different workpieces secured with the clamp. As shown in the figure, the cut line of the blade must never intersect the clamp.



**Figure 18.** Example of hold-down clamp setups (blade guard removed for clarity).



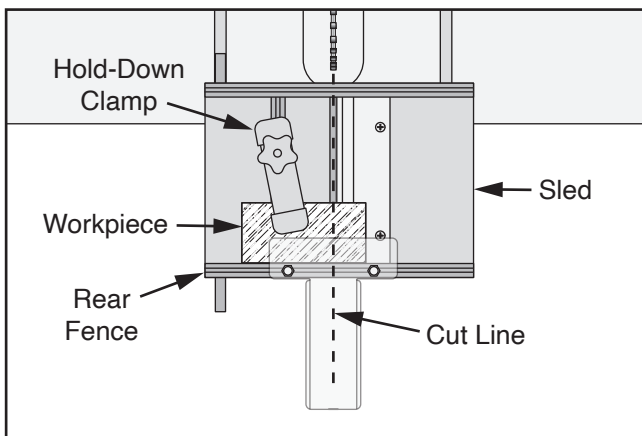


# Cutting With Sled

Use the following steps to complete a basic cut using the Model T33987.

## To cut with sled:

1. Position sled at front of table saw in start position.
2. Place workpiece in sled against rear fence and align cut line with blade kerf opening in sled, then secure workpiece with hold-down clamp (see **Figure 19**).

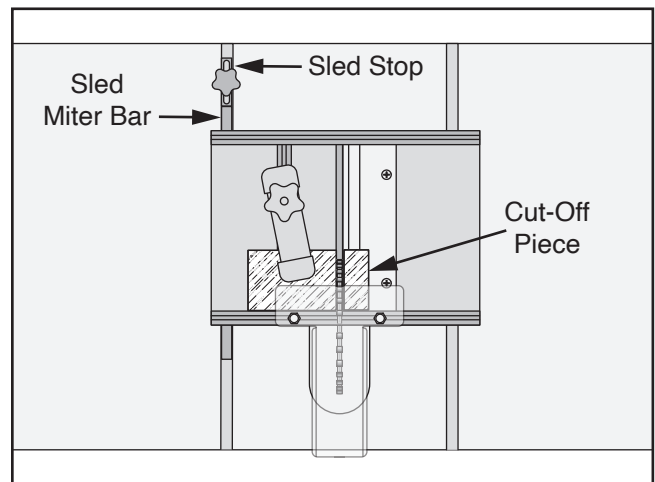


**Figure 19.** Workpiece prepared for cut.

## WARNING

If workpiece is not large enough to be secured with hold-down clamp, use different hold-down method or **DO NOT** cut workpiece on sled. If kickback occurs, hold-down clamp will prevent or slow down kickback.

3. Completely lower table saw blade below table surface.
4. Push sled forward in table saw miter slot to make sure hold-down clamp can safely pass through blade without interference.
5. Return sled to start position, then adjust blade height to no more than  $\frac{1}{4}$ " higher than workpiece (but no higher than 2" from table).
6. Put on safety glasses, respirator, and hearing protection.
7. Start dust collection system, then start saw.
8. Maintaining firm downward pressure on sled against table, feed sled through blade until sled miter bar contacts sled stop and workpiece cut is completed (see **Figure 20**).

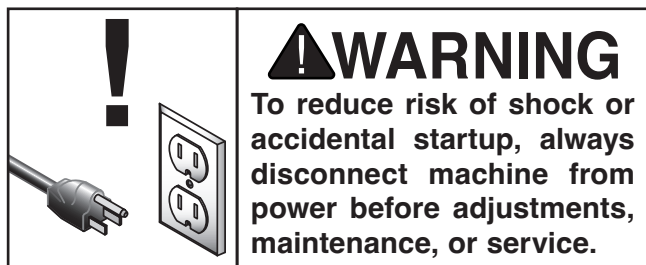


**Figure 20.** Completed cut.

9. Turn **OFF** saw and allow blade to come to complete stop before removing cut-off piece.



# SECTION 4: MAINTENANCE



## Schedule

For optimum equipment performance, this maintenance schedule must be strictly followed.

### Ongoing

To minimize your risk of injury and maintain proper sled operation, shut down your table saw immediately if you ever observe any of the items below, and fix the problem before continuing operations:

- Loose fasteners.
- Dirty miter bar or table saw miter slot.
- Any other unsafe condition.

## Cleaning & Protecting

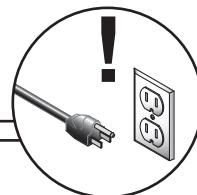
Cleaning the Model T33987 is relatively easy. After use, vacuum excess wood chips and sawdust, and wipe off the remaining dust with a dry cloth. If any resin has built up, use a resin dissolving cleaner to remove it.

Be sure to dry or clean any water, oil, or chemical solvents that come in contact with sled. These may eat away at or warp the sled.

# SECTION 5: SERVICE

Review the troubleshooting procedures in this section if a problem develops with your equipment. If you need replacement parts or additional help with a procedure, call our Technical Support. **Note:** *Please gather the manufacture date of your equipment before calling.*

## Troubleshooting



### Operations

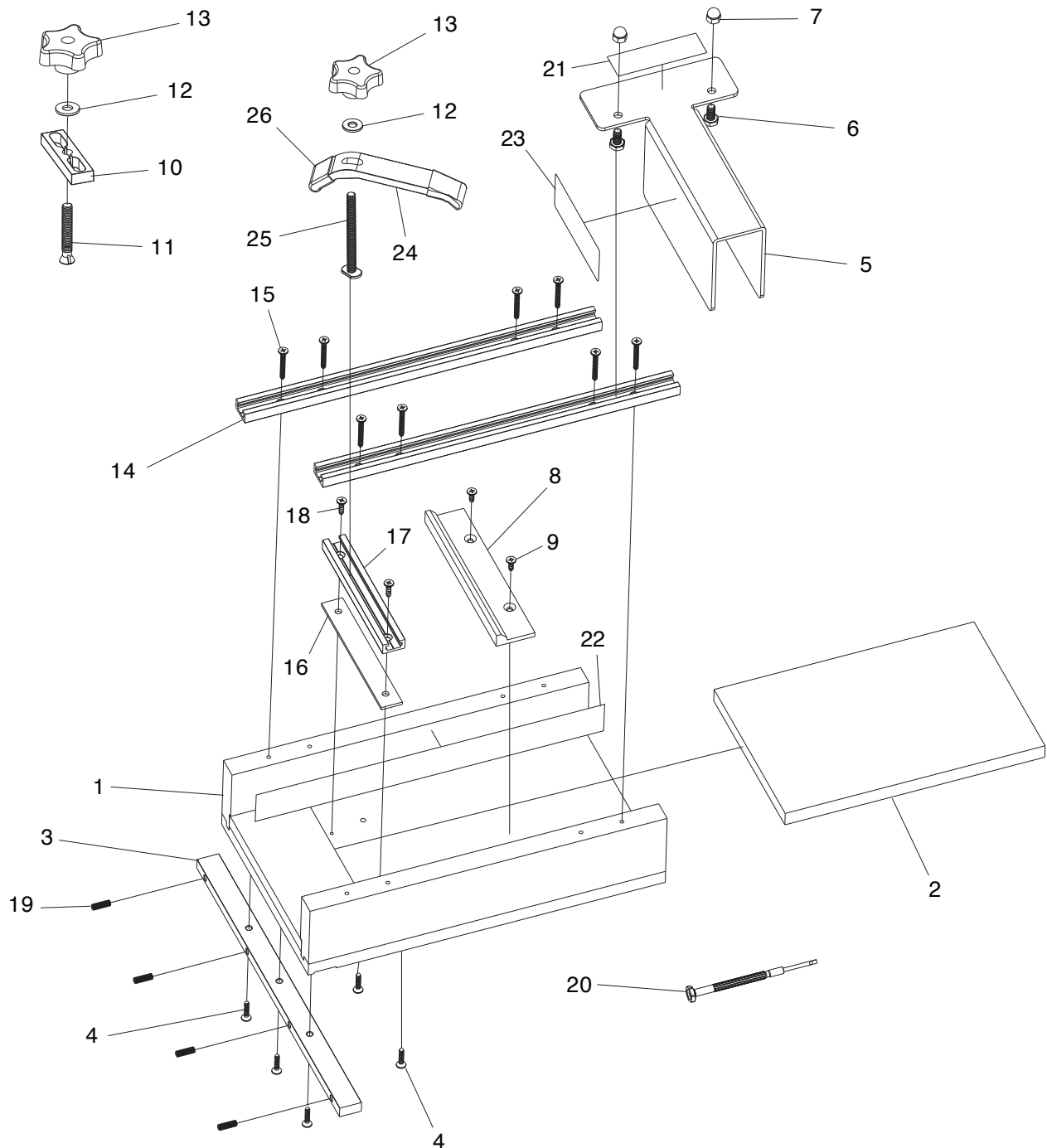
Symptom	Possible Cause	Possible Solution
Sled does not move smoothly.	<ol style="list-style-type: none"><li>1. Miter bar/table saw miter slot or table is dirty or sticky.</li><li>2. Miter bar set screws are not adjusted correctly.</li><li>3. Bent miter bar; burrs on bar/in table saw miter slot.</li></ol>	<ol style="list-style-type: none"><li>1. Clean miter bar/table saw miter slot or table.</li><li>2. Adjust miter bar set screws so bar fits snugly in table saw miter slot.</li><li>3. Straighten/replace bar; deburr bar or slot.</li></ol>
Burn marks on workpiece.	<ol style="list-style-type: none"><li>1. Feed rate too slow or inconsistent.</li></ol>	<ol style="list-style-type: none"><li>1. Increase feed rate and apply consistent pressure through entire cut.</li></ol>



# SECTION 6: PARTS

We do our best to stock replacement parts when possible, but we cannot guarantee that all parts shown are available for purchase. Call **(800) 523-4777** or visit **[www.grizzly.com/parts](http://www.grizzly.com/parts)** to check for availability.

## Main



# Main Parts List

REF	PART #	DESCRIPTION
1	PT33987001	SLED BODY
2	PT33987002	ZERO CLEARANCE INSERT
3	PT33987003	MITER BAR
4	PT33987004	WOOD SCREW #8 X 3/4
5	PT33987005	BLADE GUARD
6	PT33987006	HEX BOLT 1/4-20 X 1/2
7	PT33987007	ACORN NUT 1/4-20
8	PT33987008	CUT-OFF RAMP
9	PT33987009	WOOD SCREW #8 X 1/2
10	PT33987010	SLED STOP
11	PT33987011	FLAT HD SCR 5/16-18 X 2
12	PT33987012	FLAT WASHER 5/16"
13	PT33987013	KNOB 5/16-18, 5-LOBE, D2-1/8

REF	PART #	DESCRIPTION
14	PT33987014	FENCE T-TRACK
15	PT33987015	WOOD SCREW #8 X 1-1/4
16	PT33987016	SLED TRACK GASKET
17	PT33987017	SLED T-TRACK
18	PT33987018	TAP SCREW #8 X 1/2 BLUNT
19	PT33987019	SET SCREW 10-32 X 3/8 SLOTTED NYLON
20	PT33987020	SCREWDRIVER FLAT 1/8
21	PT33987021	AMPUTATION HAZARD LABEL SMALL
22	PT33987022	INSTABILITY HAZARD LABEL
23	PT33987023	AMPUTATION HAZARD LABEL LARGE
24	PT33987024	HOLD-DOWN CLAMP
25	PT33987025	T-BOLT 5/16-18 X 3-1/2
26	PT33987026	CLAMP GRIP

## WARNING

Safety labels help reduce the risk of serious injury caused by machine hazards. If any label comes off or becomes unreadable, the owner of this machine **MUST** replace it in the original location before resuming operations. For replacements, contact (800) 523-4777 or [www.grizzly.com](http://www.grizzly.com).



# WARRANTY & RETURNS

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Grizzly Industrial, Inc. warrants every product it sells for a period of **1 year** to the original purchaser from the date of purchase. This warranty does not apply to defects due directly or indirectly to misuse, abuse, negligence, accidents, repairs or alterations or lack of maintenance. This is Grizzly's sole written warranty and any and all warranties that may be implied by law, including any merchantability or fitness, for any particular purpose, are hereby limited to the duration of this written warranty. We do not warrant or represent that the merchandise complies with the provisions of any law or acts unless the manufacturer so warrants. In no event shall Grizzly's liability under this warranty exceed the purchase price paid for the product and any legal actions brought against Grizzly shall be tried in the State of Washington, County of Whatcom.

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 products.

The manufacturers reserve the right to change specifications at any time because they constantly strive to achieve better quality equipment. We make every effort to ensure that our products meet high quality and durability standards and we hope you never need to use this warranty.

In the event you need to use this warranty, contact us by mail or phone and give us all the details. We will then issue you a "Return Number," which must be clearly posted on the outside as well as the inside of the carton. We will not accept any item back without this number. Proof of purchase must accompany the merchandise.

Please feel free to write or call us if you have any questions about the machine or the manual.

Thank you again for your business and continued support. We hope to serve you again soon.

For further information about the warranty, visit <https://www.grizzly.com/forms/warranty> or scan the QR code below to be automatically directed to our warranty page.





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