⚠️ 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

Machine Description

The Model T26470 is a benchtop Hand Shear designed to cut light-gauge sheet metal. A stationary blade is mounted to the machine base and a moving blade is connected to the handles. When the handles are pulled down, the upper blade moves past the lower stationary blade, creating a shearing action, similar to a pair of scissors.

The Model T26470 is equipped with a rear adjustable work stop for making repetitive cuts of the same length.

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 contained inside. Sometimes we make mistakes, but our policy of continuous improvement also means that sometimes the machine you receive will be slightly different than what is shown in the manual.

If you find this to be the case, and the difference between the manual and machine leaves you confused about a procedure, 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, please write down the Manufacture Date and Serial Number stamped into the machine ID label (see below). This information helps us determine if updated documentation is available for your machine.

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

Contact Info

We stand behind our machines. If you have any questions or need help, use the information below to contact us. Before contacting, please get the serial number and manufacture date of your machine. This will help us help you faster.

Grizzly Technical Support
1203 Lycoming Mall Circle
Muncy, PA 17756
Phone: (570) 546-9663
Email: techsupport@grizzly.com

Grizzly Technical Support
1203 Lycoming Mall Circle
Muncy, PA 17756
Phone: (570) 546-9663
Email: techsupport@grizzly.com

Manufacture Date
Serial Number

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.

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Grizzly Technical Support
1203 Lycoming Mall Circle
Muncy, PA 17756
Phone: (570) 546-9663
Email: techsupport@grizzly.com
Identification

Figure 1. Hand shear identification (front).

Figure 2. Hand shear identification (rear).
MODEL T26470 HAND SHEAR MACHINE

Product Dimensions:
- Weight: 38 lbs.
- Width (side-to-side) x Depth (front-to-back) x Height: 17-1/2 x 17 x 28-1/2 in.
- Footprint (Length x Width): 13 x 4-1/2 in.

Shipping Dimensions:
- Type: Cardboard Box
- Content: Machine
- Weight: 40 lbs.
- Length x Width x Height: 20 x 16 x 6 in.

Main Specifications:
- Capacities
  - Maximum Width: 12 in.
  - Maximum Thickness at Half Width Mild Steel: 17 Gauge
  - Maximum Thickness at Full Width Mild Steel: 20 Gauge
  - Front Stop Scale Range: 7-1/2 in.
  - Rear Stop Scale Range: 9-1/2 in.

- Construction
  - Frame: Steel
  - Hold-Down Clamp: Steel
  - Shear Table: Steel
  - Shear Blades: Steel
  - Shear Blade Type: Plain End

- Other Specifications:
  - Country Of Origin: China
  - Warranty: 1 Year
  - Approximate Assembly & Setup Time: 15 Minutes
  - Serial Number Location: Machine ID Label

Features:
- Adjustable rear stop
- Easy control rubber grip handles
- Mounting base
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.

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

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

**CAUTION** 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** This symbol is used to alert the user to useful information about proper operation of the machine.

### Safety Instructions for Machinery

**WARNING**

**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 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.
WEARING PROPER APPAREL. Do not wear clothing, apparel or jewelry that can become entangled in moving parts. Always tie back or cover long hair. Wear non-slip footwear to avoid accidental slips, which could cause loss of workpiece control.

HAZARDOUS DUST. Dust created while using machinery may cause cancer, birth defects, or long-term respiratory damage. Be aware of dust hazards associated with each workpiece material, and 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—altering 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.

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.

CHECK DAMAGED PARTS. Regularly inspect machine for any condition that may affect safe operation. Immediately repair or replace damaged or mis-adjusted parts before operating machine.

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 Shear Machines

⚠️ WARNING ⚠️

AMPUTATION HAZARD. The shear blades can easily pinch, crush, or amputate fingers or other body parts. Always keep hands, fingers, and other body parts away from the blades during operation.

RATED CAPACITY. Only use sheet metal that is within the rated capacity of this shear (refer to the Machine Data Sheet on Page 4).

SHARP METAL EDGES. Sharp edges on sheet metal workpieces can easily cause deep cuts while handling. Wear leather gloves when handling sheet metal, and always chamfer and debur sharp workpiece edges.

PROPER WORKPIECE MATERIAL. Do not attempt to cut round stock, glass, wood, drywall, backer board, or plywood. Cutting incorrect materials can produce unexpected results, which increases the risk of injury, and may result in damage to the machine.

SECURE SHEAR BEFORE USE. Before using, fasten shear to a sturdy surface that can withstand the dynamic forces involved in cutting sheet metal. Otherwise, shear may unexpectedly move or fall, causing serious injury or property damage.

⚠️ WARNING ⚠️

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

⚠️ CAUTION ⚠️

STABLE FOOTING. This shear requires you to apply moderate force while cutting. Without stable footing, you could slip or fall, which could cause personal injury. Always stand with both feet comfortably on a non-slip surface during operation.

BODY POSITION. The forces and body motion required to operate shear can result in operator injury over time if proper technique is not used. Always keep your body centered with the machine and your back straight when applying pressure against handles.

BLADE CONDITION. Blades that are sharp, undamaged, and properly adjusted will reduce risk of injury and improve cutting results. Always keep blades properly maintained.

BLADE GUARD. The blade guard is designed to reduce risk of amputation. Always keep guard properly attached and in good condition during operation.

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 and other machinery with caution and respect. Failure to do so could result in serious personal injury, damage to equipment, or poor work results.
SECTION 2: SETUP

Unpacking

Your machine was carefully packaged for safe transportation. Remove the packaging materials from around your machine and inspect it. If you discover any damage, please call us immediately at (570) 546-9663 for advice.

Save the containers and all packing materials for possible inspection by the carrier or its agent. Otherwise, filing a freight claim can be difficult.

When you are completely satisfied with the condition of your shipment, inventory the contents.

WARNING

SUFFOCATION HAZARD!

Keep children and pets away from plastic bags or packing materials shipped with this machine. Discard immediately.

Inventory

The following is a list of items shipped with your machine. 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.

<table>
<thead>
<tr>
<th>Description</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Machine Base</td>
<td>1</td>
</tr>
<tr>
<td>B. Handles</td>
<td>2</td>
</tr>
<tr>
<td>C. Handle Grips</td>
<td>2</td>
</tr>
<tr>
<td>D. Table</td>
<td>1</td>
</tr>
<tr>
<td>E. Work Stop Rods</td>
<td>2</td>
</tr>
<tr>
<td>F. Work Stop</td>
<td>1</td>
</tr>
<tr>
<td>G. Flat Head Cap Screws M6-1 x 16</td>
<td>2</td>
</tr>
<tr>
<td>H. Work Stop Blocks</td>
<td>2</td>
</tr>
</tbody>
</table>

Figure 3. T26470 inventory.

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.

Needed for Setup

The following are needed to complete the setup process, but are not included with your machine.

<table>
<thead>
<tr>
<th>Description</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Safety Glasses</td>
<td>1</td>
</tr>
<tr>
<td>• Cleaner/Degreaser (Page 9)</td>
<td></td>
</tr>
<tr>
<td>• Disposable Shop Rags</td>
<td></td>
</tr>
<tr>
<td>• Hex Wrenches 4, 5, 8mm</td>
<td>1</td>
</tr>
</tbody>
</table>

Model T26470 (Mfd. Since 1/14)
Cleanup

The unpainted surfaces of your machine are coated with a heavy-duty rust preventative that prevents corrosion during shipment and storage. This rust preventative works extremely well, but it will take a little time to clean.

Be patient and do a thorough job cleaning your machine. The time you spend doing this now will give you a better appreciation for the proper care of your machine’s unpainted surfaces.

There are many ways to remove this rust preventative, but the following steps work well in a wide variety of situations. Always follow the manufacturer’s instructions with any cleaning product you use and make sure you work in a well-ventilated area to minimize exposure to toxic fumes.

Before cleaning, gather the following:
- Disposable rags
- Cleaner/degreaser (WD•40 works well)
- Safety glasses & disposable gloves
- Plastic paint scraper (optional)

Basic steps for removing rust preventative:

1. Put on safety glasses.

2. Coat the rust preventative with a liberal amount of cleaner/degreaser, then let it soak for 5–10 minutes.

3. Wipe off the surfaces. If your cleaner/degreaser is effective, the rust preventative will wipe off easily. If you have a plastic paint scraper, scrape off as much as you can first, then wipe off the rest with the rag.

4. Repeat Steps 2–3 as necessary until clean, then coat all unpainted surfaces with a quality metal protectant to prevent rust.

**NOTICE**

Avoid chlorine-based solvents, such as acetone or brake parts cleaner, that may damage painted surfaces.

Site Considerations

Workbench Load

Refer to the Machine Data Sheet for the weight and footprint specifications of your machine. Some workbenches may require additional reinforcement to support the weight of the machine and workpiece materials.

Placement Location

Consider anticipated workpiece sizes and additional space needed for auxiliary stands, work tables, or other machinery when establishing a location for this machine in the shop. Below is the minimum amount of space needed for the machine.

![Figure 4. Minimum working clearances.](image)
Bench Mounting

Number of Mounting Holes ......................... 4
Diameter of Mounting Hardware.................. 3/8"

The base of this machine has mounting holes that allow it to be fastened to a workbench or other mounting surface to prevent it from moving during operation and causing accidental injury or damage.

The strongest mounting option is a "Through Mount" (see example below) where holes are drilled all the way through the workbench—and hex bolts, washers, and hex nuts are used to secure the machine in place.

Another option is a "Direct Mount" (see example below) where the machine is secured directly to the workbench with lag screws and washers.

![Diagram of Direct Mount setup]

**Figure 6.** Example of a "Direct Mount" setup.

![Diagram of Through Mount setup]

**Figure 5.** Example of a "Through Mount" setup.
Assembly

This shear is mostly assembled at the factory. The only assembly required is attaching the table, work stop, and handle assemblies.

To assemble your machine:

1. Attach handles to levers with the (4) pre-installed M10-1.5 x 25 cap screws and 10mm flat washers as shown in Figure 7.

2. Slide handle grips over handles on end without mounting holes as shown in Figure 7.

3. Thread work stop rods through blade bow and into back of machine (see Figure 8).

4. Attach work stop to bottom holes in work stop blocks with (2) M6-1 x 16 flat head cap screws (see Figure 9).

5. Slide work stop assembly onto work stop rods and tighten M8-1.25 x 20 hex bolts (see Figure 10).

6. Fasten table to machine base using the (2) pre-installed M6-1 x 12 cap screws and (2) 6mm flat washers (see Figure 11).
SECTION 3: OPERATIONS

Cutting Sheet Metal

This shear is designed to cut mild steel up to 20-gauge at full width and up to 17-gauge at half width. Exceeding these capacities can result in damage to shear blades.

To cut sheet metal:

1. Mark cut line across workpiece.

2. Make sure gap between shear blades is correct for workpiece material (refer to Adjusting Blade Bow on Page 19 for detailed instructions).

Continued on next page
3. Position workpiece against table lip on right side of table as shown in Figure 12, then align cut mark with upper shear blade.

**Note:** The shearing action begins on the right side of the workpiece and moves to the left.

4. Clamp workpiece to table to prevent it from moving while cutting.

5. Keeping all body parts away from blades, pull down on both handles with an even and steady pressure to complete cut.

---

### Work Stop

The work stop is used for making repetitive cuts of the same length. The adjustable assembly allows the work stop to create workpieces as short as 1¼" or as long as 8¼".

**To position the work stop:**

1. Loosen both hex bolts shown in Figure 13.

2. Adjust work stop parallel with blades and at correct distance for cut.

3. Retighten both hex bolts.

---

**Figure 12.** Positioning workpiece for a cut.

**Note:** If you are using the work stop, adjust the stop so that at least one square edge of the workpiece is against it.

**Figure 13.** Hex bolts used for setting work stop.
SECTION 4: ACCESSORIES

WARNING
Installing unapproved accessories may cause machine to malfunction, resulting in serious personal injury or machine damage. To reduce this risk, only install accessories recommended for this machine by Grizzly.

NOTICE
Refer to our website or latest catalog for additional recommended accessories.

G5618—Deburring Tool with Two Blades
The quickest tool for smoothing freshly sheared metal edges. Comes with two blades, one for steel and aluminum, and one for brass and cast iron.

Figure 14. G5618 Deburring Tool.

SB1365—South Bend Way Oil-ISO 68
Engineered for the high pressure exerted on horizontal or vertical ways and slides. Protects against rust and corrosion. Ensures stick-free, smooth motion which maximizes finishes and extends the life of your machine.

Figure 15. SB1365 Machine Oil-ISO 68.

T23094—Pneumatic Sheet Metal Shear
This heavy-duty Pneumatic Sheet Metal Shear provides long life and reliable cutting with an ergonomic grip for comfort and stability. Shears most types of plastics and all types of aluminum, tin, and steel.

Figure 16. T23094 Pneumatic Sheet Metal Shear.

G5562—SLIPIT® 1 Qt. Gel
G5563—SLIPIT® 12 Oz. Spray
G2871—Boeshield® T-9 12 Oz. Spray
G2870—Boeshield® T-9 4 Oz. Spray
H3788—G96® Gun Treatment 12 Oz. Spray
H3789—G96® Gun Treatment 4.5 Oz. Spray

Figure 17. Recommended products for protecting unpainted cast iron/steel parts on machinery.

order online at www.grizzly.com or call 1-800-523-4777
H5503—Electric Sheet Metal Shear
This Electric Sheet Metal Shear features a ½ HP, 110V, 2500 RPM, 3.8 amp motor with a 360 degree adjustable swivel head and variable speed range from 0 to 2500 SPM. Cuts up to 14 gauge in mild steel and 18 gauge in stainless, at up to 150 inches per minute.

Figure 18. H5503 Electric Sheet Metal Shear.

T10727—12" Slip Roll
Use your bench vise as a sturdy base with this unique Slip Roll. This slip roll has 12" maximum forming width and 20 gauge maximum mild steel capacity with 1¾" roll diameter and 1¾" minimum forming diameter.

Figure 20. T10727 Bench Vise Slip Roll.

Super Heavy-Duty Birch Workbench
H8361—60" x 30"
H8362—72" x 36"
Sized to fit the needs of any shop, these Super Heavy-Duty Birch Workbenches have solid 3" thick tops that stand 38" above the floor. The end vise measures 14¾" wide (H8361) or 17¾" wide (H8362) and has a 7" maximum capacity. Stable laminated birch provides strength and durability. You'll be proud to have this workbench in your shop!

Figure 19. Super heavy-duty birch workbench.

order online at www.grizzly.com or call 1-800-523-4777

Model T26470 (Mfd. Since 1/14)
T23125—18" Mighty Bender
These light-duty, 18" capacity benders are the perfect tool to have in every workshop. They quickly form sheet metal up to 22 gauge and are amazingly affordable.

Figure 21. T23125 Mighty Bender.

H6136—Air Riveter
If you do a lot of riveting, you can't beat the speed and convenience of a pneumatic riveter. Simply connect to an air compressor and squeeze the trigger for all day riveting. Includes five tips, quick connect air fitting, and rivet mandrel container.

Figure 22. H6136 Air Riveter.

H7862—Heavy-Duty Hand Punch with Stand
This heavy-duty hand punch easily goes from stand-mounted operation to hand-held operation for ultimate flexibility. Comes with 7 different die sizes including 5⁄32", 7⁄32", 9⁄32", 11⁄32", 13⁄32", 15⁄32" and 17⁄32" each having a center tip for easy hole alignment.

Figure 23. H7862 Heavy Duty Hand Punch.

order online at www.grizzly.com or call 1-800-523-4777
SECTION 5: MAINTENANCE

Cleaning

Cleaning the Model T26470 is relatively easy. Use a brush to clear away any metal debris from the blades and the table.

Use a shop rag to carefully apply a thin coat of quality metal protectant to all exposed surfaces of the blades to prevent corrosion (see Page 14 for offerings from Grizzly).

Lubrication

Alignment Shaft Bushing

Oil Type ..... Model SB1365 or ISO 68 Equivalent
Oil Amount..................................... 1 or 2 Squirts
Lubrication Frequency.........................Weekly

Using an oil can, provide 1–2 squirts of oil into the oil ports located on the back of the shear machine (see Figure 24). Raise and lower the handles a few times to distribute the oil.

Figure 24. Oil port location.

Schedule

For optimum performance from your machine, follow this maintenance schedule and refer to any specific instructions given in this section.

Daily:
• Loose mounting bolts.
• Damaged blade guard.
• Damaged or worn blades.
• Any other unsafe condition.

Weekly:
• Lubricate alignment shaft and pivot pin bushings.

WARNING

To reduce risk of shock or accidental startup, always disconnect machine from power before adjustments, maintenance, or service.
SECTION 6: SERVICE

Review the troubleshooting and procedures in this section if a problem develops with your machine. If you need replacement parts or additional help with a procedure, call our Technical Support at (570) 546-9663.

Note: Please gather the serial number and manufacture date of your machine before calling.

Troubleshooting

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Possible Cause</th>
<th>Possible Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shear will not cut workpiece.</td>
<td>1. Workpiece thickness exceeds shear capacity.</td>
<td>1. Only use workpiece material within shear capacity (Page 4).</td>
</tr>
<tr>
<td></td>
<td>2. Blade bow not correct.</td>
<td>2. Properly adjust blade bow (Page 19).</td>
</tr>
<tr>
<td></td>
<td>3. Not enough pressure applied.</td>
<td>3. Safely increase pressure.</td>
</tr>
<tr>
<td>Cuts are not square.</td>
<td>1. Work stop not parallel to blades.</td>
<td>1. Properly adjust work stop parallel to blades (Page 13).</td>
</tr>
<tr>
<td></td>
<td>2. Blade bow not correct.</td>
<td>2. Properly adjust blade bow (Page 19).</td>
</tr>
<tr>
<td></td>
<td>2. Blades worn or damaged.</td>
<td>2. Sharpen/replace blades (Page 20).</td>
</tr>
</tbody>
</table>
Adjusting Blade Bow

The gap between the upper and lower blades (as they pass each other) must remain even along the length of blades to produce clean cuts. Initially, this adjustment has been made at the factory. However, over time and with normal wear, you may need to re-adjust the blade bow.

The blade bow is adjusted by loosening the hex nut and rotating the cap screw shown in Figure 25 clockwise or counterclockwise.

Tools Needed

<table>
<thead>
<tr>
<th>Tool</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wrench 14mm</td>
<td>1</td>
</tr>
<tr>
<td>Hex Wrench 6mm</td>
<td>1</td>
</tr>
</tbody>
</table>

To adjust the blade bow:

1. Cut a piece of paper with shear.

2. If entire length of paper is cut cleanly, there is no need for adjustment.
   - If paper cuts cleanly at ends but not center, rotate cap screw clockwise \(\frac{1}{8}\)th turn at a time until paper cuts cleanly along the entire length of blades.
   - If paper cuts cleanly at center but not ends, rotate cap screw counterclockwise \(\frac{1}{8}\)th turn at a time until paper cuts cleanly along entire length of blades.

3. Retighten hex nut to secure cap screw in place.

---

Figure 25. Adjusting blade bow with cap screw.
Sharpening/Replacing Blades

Both blades have two cutting edges so that if one cutting edge becomes dull, you can reverse the blade and use the fresh, sharp cutting edge.

After both cutting edges become dull, resharpen the blades on a surface grinder and make sure they remain flat along their entire length. The blade must be replaced once it becomes too thin and the hex bolts that secure it extend beyond the opposite side of the cutting edge. If the blade is nicked, regrind it if possible.

We recommend you keep an extra set of blades on hand to avoid downtime. Order Part No. PT26470002 by contacting Grizzly at (800) 523-4777 or online at grizzly.com to purchase.

To remove/re-install either blade:

1. Support blade so it does not fall and remove the four hex bolts that secure it (see Figures 26 & 27).

   Figure 26. Hex bolts securing lower blade.

   Figure 27. Hex bolts securing upper blade.

2. Before re-installing blade, clean it with mineral spirits, then apply a thin coat of quality metal protectant.

3. Secure blade in place with four hex bolts removed in Step 1.
SECTION 7: PARTS

Main

REF  PART #  DESCRIPTION
1    PT26470001  BASE
2    PT26470002  BLADE
3    PT26470003  FLAT WASHER 8MM SS
4    PT26470004  HEX BOLT M8-1.25 X 20 SS
5    PT26470005  LOCK WASHER 8MM SS
6    PT26470006  BLADE BRACKET
7    PT26470007  ALIGNMENT SHAFT
8    PT26470008  BUSHING, COPPER
9    PT26470009  HANDLE MOUNTING BRACKET
10   PT26470010  BUSHING 14 X 12
11   PT26470011  BUSHING 12 X 10
12   PT26470012  PIVOT PIN
13   PT26470013  FLAT WASHER 12MM
14   PT26470014  PIVOT ARM
15   PT26470015  STEP BOLT M12-1.75 X 20
16   PT26470016  CONNECTING PLATE
17   PT26470017  REAR WORK STOP ROD
18   PT26470018  HEX NUT M12-1.75
19   PT26470019  HANDLE
20   PT26470020  FLAT WASHER 10MM
21   PT26470021  CAP SCREW M10-1.5 X 25 SS
22   PT26470022  REAR WORK STOP BLOCK
23   PT26470023  REAR WORK STOP
24   PT26470024  FLAT HD CAP SCR M6-1 X 16
25   PT26470025  HEX NUT M10-1.5
26   PT26470026  TABLE
27   PT26470027  FLAT WASHER 6MM
28   PT26470028  CAP SCREW M6-1 X 12 SS
29   PT26470029  HEX BOLT M8-1.25 X 20 COPPER
30   PT26470030  SET SCREW M5-.8 X 8
31   PT26470031  HEX NUT M8-1.25
32   PT26470032  HANDLE GRIP
33   PT26470033  BLADE BOW
34   PT26470034  HEX BOLT M8-1.25 X 25
35   PT26470035  SPACER
36   PT26470036  LOCK WASHER 10MM

Please Note: We do our best to stock replacement parts whenever possible, but we cannot guarantee that all parts shown here are available for purchase. Call (800) 523-4777 or visit our online parts store at www.grizzly.com to check for availability.

Model T26470 (Mfd. Since 1/14)
## Specifications

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### WARNING!

To reduce the risk of serious personal injury while using this machine:
1. Read manual before operating.
2. Always wear eye protection.
3. Do not exceed machine capacities.
4. Do not modify machine in any way.

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.
Name _____________________________________________________________________________  
Street _____________________________________________________________________________  
City _______________________ State _________________________ Zip _____________________  
Phone # ____________________ Email _________________________________________________  
Model # ____________________ Order # _______________________ Serial # __________________ 

The following information is given on a voluntary basis. It will be used for marketing purposes to help us develop 
better products and services. Of course, all information is strictly confidential. 

1. How did you learn about us?  
   _____ Advertisement  _____ Friend  _____ Catalog  
   _____ Card Deck  _____ Website  _____ Other:  

2. Which of the following magazines do you subscribe to?  
   _____ Cabinetmaker & FDM  _____ Popular Science  _____ Wooden Boat  
   _____ Family Handyman  _____ Popular Woodworking  _____ Woodshop News  
   _____ Hand Loader  _____ Precision Shooter  _____ Woodsmith  
   _____ Handy  _____ Projects in Metal  _____ Woodwork  
   _____ Home Shop Machinist  _____ RC Modeler  _____ Woodworker West  
   _____ Journal of Light Cont.  _____ Rifle  _____ Woodworker’s Journal  
   _____ Live Steam  _____ Shop Notes  _____ Other:  
   _____ Model Airplane News  _____ Shotgun News  
   _____ Old House Journal  _____ Today’s Homeowner  
   _____ Popular Mechanics  _____ Wood  

3. What is your annual household income?  
   _____ $20,000-$29,000  _____ $30,000-$39,000  _____ $40,000-$49,000  
   _____ $50,000-$59,000  _____ $60,000-$69,000  _____ $70,000+  

4. What is your age group?  
   _____ 20-29  _____ 30-39  _____ 40-49  
   _____ 50-59  _____ 60-69  _____ 70+  

5. How long have you been a woodworker/metalworker?  
   _____ 0-2 Years  _____ 2-8 Years  _____ 8-20 Years  _____ 20+ Years  

6. How many of your machines or tools are Grizzly?  
   _____ 0-2  _____ 3-5  _____ 6-9  _____ 10+  

7. Do you think your machine represents a good value?  _____ Yes  _____ No  

8. Would you recommend Grizzly Industrial to a friend?  _____ Yes  _____ No  

9. Would you allow us to use your name as a reference for Grizzly customers in your area?  
   Note: We never use names more than 3 times.  _____ Yes  _____ No  

10. Comments:  
    _____________________________________________________________________________  
    _____________________________________________________________________________  
    _____________________________________________________________________________  
    _____________________________________________________________________________  
    _____________________________________________________________________________
Send a Grizzly Catalog to a friend:

Name__________________________________________
Street__________________________________________
City__________________ State______ Zip______

TAPE ALONG EDGES--PLEASE DO NOT STAPLE
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.

To take advantage of 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.

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.

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.
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