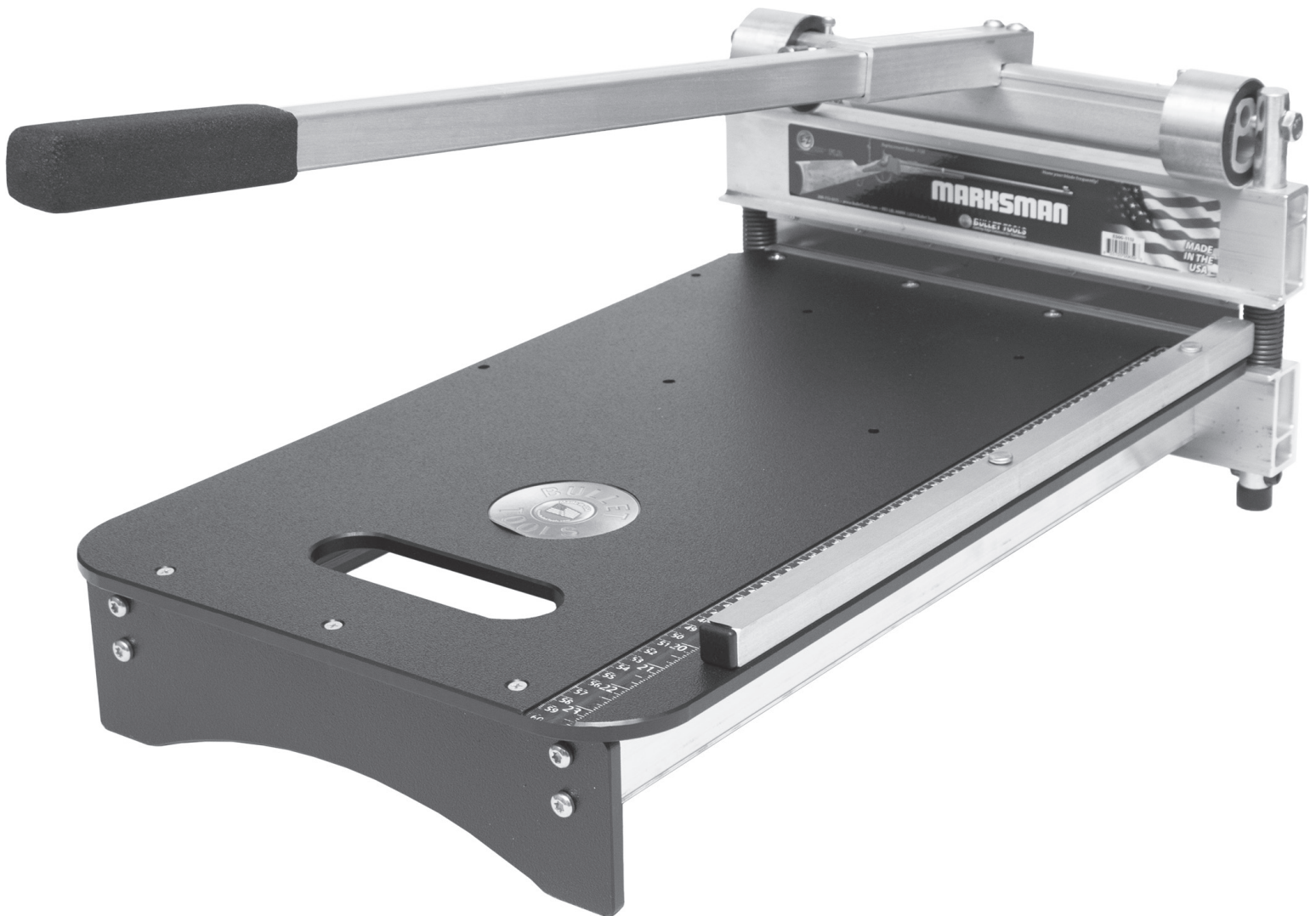


BULLET™

A MARSHALLTOWN® BRAND

MARKSMAN

Part# ES00-1113 | EDI# 29976



104 S. 8th Ave. | Marshalltown, IA
Phone 800-888-0127 / 641-753-0127 | Fax 800-477-6341 / 641-753-6341
www.MARSHALLTOWN.com
WS2522RevB

INTRODUCTION

Congratulations on your purchase of the Bullet™ by MARSHALLTOWN Marksman. It is proudly Made in the USA, manufactured with the highest-grade materials, and can be used for flooring. We have designed it with the flooring professional in mind.

Other features of your Marksman include:

- Ability to cut inside without dust
- Built in ruler for accurate cuts
- Full table with high-density polymer wear surface
- Metal-jacketed polymer bearings
- Aircraft grade aluminum frame

And can cuts material $\frac{5}{8}$ " (16 mm) thick and 13" (330 mm) wide, including:

- Engineered Hardwood Flooring (up to $\frac{1}{2}$ " / 12 mm thick and 1250 Janka—ONLY cut by flipping material over with the back facing up)
- Laminate Flooring
- LVT, LVP, VCT
- PVC & Rubber Tile
- Cove Base
- WPC/SPC/MLF
- Rigid Core

This owner's manual provides the information needed to operate and maintain this Marksman. Carefully read and follow all safety and operating instructions in this manual. Ensure every operator of this flooring cutter reads this manual before operating the unit. The replacement of any part on this flooring cutter with a component other than a manufacturer authorized replacement part may adversely affect the performance, durability, or safety of the product.

Be sure safety precautions are observed. Read and follow all safety and operating instructions in this operator's manual. The manufacturer reserves the right to make changes on or add improvements to its product at any time without prior notice or obligation. The manufacturer reserves the right to decide, upon its sole discretion and at any time, to discontinue this product or replacement parts thereof.

This manual covers the Marksman. For technical questions or repair parts, please call MARSHALLTOWN customer service at 1-800-888-0127 or visit www.MARSHALLTOWN.com.

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SAFETY PRECAUTIONS



- DANGER or WARNING safety signs are located near specific hazards.
- General precautions are listed on CAUTION safety signs.

- This notation appears before warnings in the text. It means that the step that follows must be carried out to avoid the possibility of personal injury or death. These warnings are intended to help the technician avoid any potential hazards encountered in the normal service procedures. We strongly recommend that the reader takes advantage of the information provided to prevent personal injury or injury to others.

THE FOLLOWING PRECAUTIONS ARE SUGGESTED TO HELP PREVENT ACCIDENTS. A CAREFUL OPERATOR IS THE BEST OPERATOR. MOST ACCIDENTS CAN BE AVOIDED BY OBSERVING CERTAIN PRECAUTIONS. READ AND TAKE THE FOLLOWING PRECAUTIONS BEFORE OPERATING THIS EQUIPMENT TO HELP PREVENT ACCIDENTS. EQUIPMENT SHOULD BE OPERATED ONLY BY THOSE WHO ARE RESPONSIBLE AND INSTRUCTED TO DO SO.



CALIFORNIA PROPOSITION 65 WARNING: This product can expose you to chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

- Read all operating and maintenance instructions before operating or servicing the flooring cutter.
- A flooring cutter is only as safe as its operator. Give complete and undivided attention to the operation of the flooring cutter.
- Know how to stop the flooring cutter instantly.



NEVER operate the flooring cutter if any cutter components have been removed.

- Keep inexperienced and unauthorized people away from the flooring cutter at all times.
- Keep the flooring cutter in good operational condition. Loose or damaged parts are dangerous.
- Avoid loose clothing that could get caught in moving parts.



Keep hands and feet away from moving parts.

- Keep all warning, caution and safety instruction labels in good condition. Replace missing, damaged or illegible labels.
- Clear the work area around the cutter to prevent tripping or falling onto the cutter.
- Operate on level ground to prevent the flooring cutter from flipping over.
- DO NOT OPERATE this flooring cutter under the influence of alcohol or while taking medication that impairs your reactions.
- Use only factory authorized parts for replacement.
- Wear safety glasses when operating the flooring cutter.
- Always use caution when replacing the cutter blade.
- Only operate the cutter with the approved materials. If extreme force is required to cut a material, it may result in personal injury and/or damage to the flooring cutter.
- Wear proper protective clothing while operating flooring cutter, including eye, ear, and clothing.
- Handle all solvents and cleaning agents with care and follow manufacturer's instructions on safety and disposal.

SAFETY DECALS

If your safety decals are damaged, they can be replaced by contacting Customer Service.

Blade Warning Label



Handle Warning Label



WARRANTY

This product is warranted to the original purchaser only, to be free of defects in material and workmanship under normal use, for one year from purchase date. MARSHALLTOWN shall without charge for parts and labor, repair or replace such parts which are found to be defective. All transportation charges for replacement parts must be borne by the purchaser.

For warranty service, the product must be delivered, with proof of purchase date, to MARSHALLTOWN. Contact MARSHALLTOWN Customer Service to determine the best method of delivering the product that is under warranty. The delivery of the product must be made no later than 30 days after the expiration of the warranty period.

All implied warranties, including those of merchantability and fitness for a particular purpose, are limited to one year from date of purchase by the original retail customer and to the extent permitted by law any and all implied warranties are excluded and disclaimed after the expiration of such period.

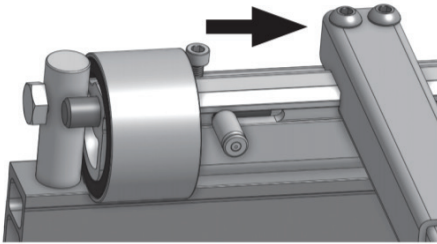
Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitations of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

Exclusion from this warranty:

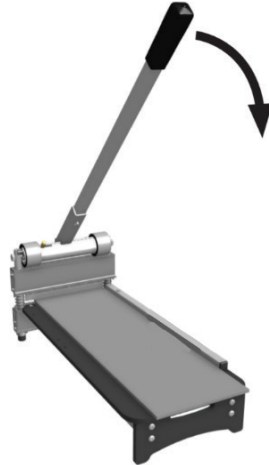
1. All consequential damages, including pickup and delivery of the unit, communication, mileage charges and/or rental of a replacement unit during repairs are not covered under this warranty, or are any loss of income and/or other loss resulting from the failure of the product to function due to a warranty defect.
2. This warranty will not apply when the product becomes inoperative due to misuse, normal wear, neglect, improper maintenance, accident or freight damage; has not been operated and maintained in accordance with the instructions furnished in the Operator's Manual; or has been altered or modified without approval from the factory Service Department.
3. No parts or products are to be returned to the factory without prior written approval from the factory.

PRODUCT OPERATION

When most materials are cut, the 'drop' piece will have a beveled edge, while the 'keep' piece (the piece left on the table) will have a mostly square edge.



1. Slide the Camlock lever over to unlock cutter.



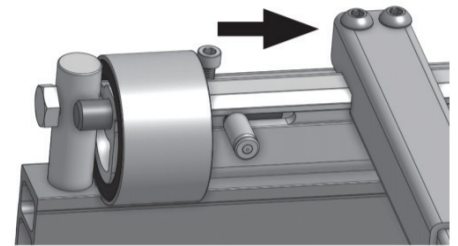
2. Place product on table. It is recommended that you **HOLD MATERIAL IN PLACE** until the cut is complete. Bring handle down until blade touches material.



3. Push handle down until the material is cut completely. Some effort may be required depending of hardness of material.

SAFETY LOCK

The safety lock can be disengaged by sliding the knob over.



TRANSPORT

Always re-engage the Safety Lock pin and secure the extended handle in the down position while storing, carrying, or transporting your cutter.

CUTTING GUIDE

The Marksman is designed to cut a variety of materials. Some of the most common materials are Engineered Hardwood Flooring (up to 1/2" / 12 mm thick and 1250 Janka—**ONLY** cut by flipping material over with the back facing up), laminate flooring, LVT/LVP/VCT, PVC, rubber tile, cover base, WPC/SPC/MLF, and rigid core.

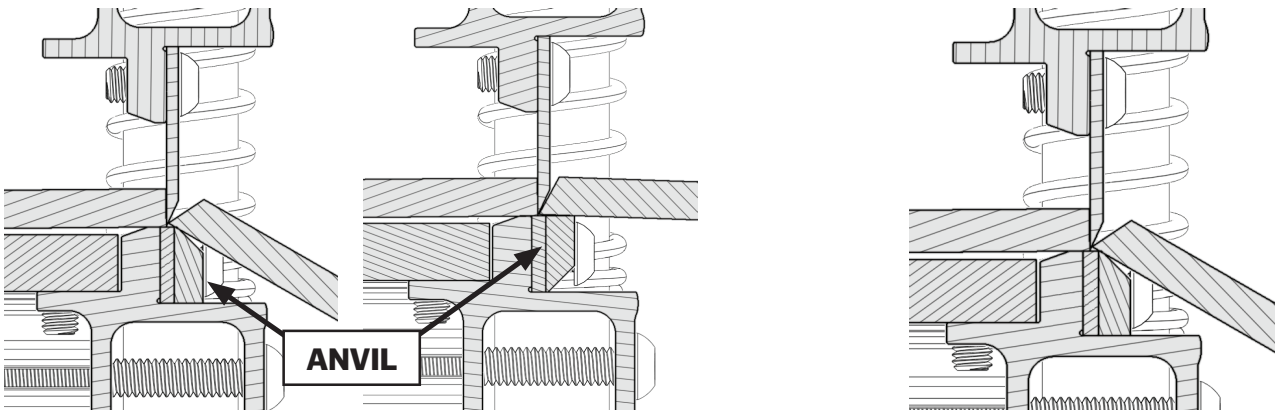
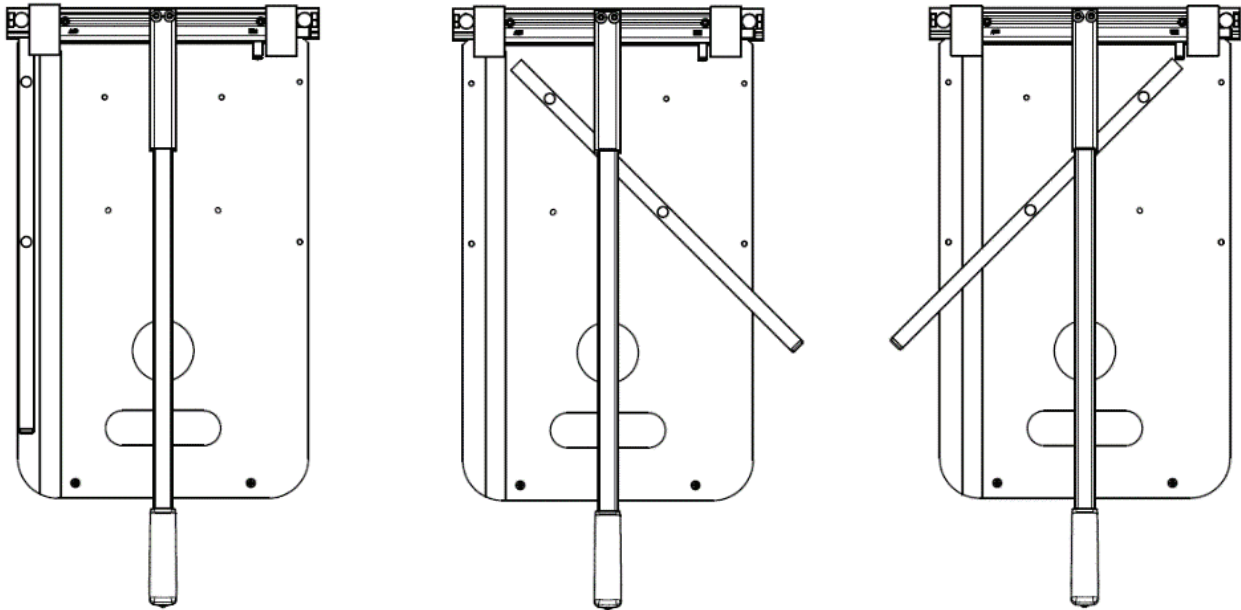
Note: DO NOT attempt to cut any solid wood or high-pressure laminate. Additionally, do not cut engineered hardwood with a Janka Hardness Rating higher than 1250, and do not cut engineered hardwood with a Janka Hardness Rating lower than 1250 without first flipping over the material and cutting with the back facing up.

Note: Even the approved materials may vary greatly in density and hardness. If extreme force is required to cut a material stop immediately, as it could lead to damage to your cutter or injury. Attempting to cut unapproved materials will void the warranty.

45 DEGREE CUTS

Firmly lift the friction-fit fence to remove it from the table and press back down in the appropriate 45-degree position.

NOTE: This image is for the Marksman. Your cutter may look slightly different.



FLOPPY MATERIALS

When cutting floppy materials, flip the anvil: Remove anvil and blade-stop using a 4 mm or $\frac{5}{32}$ " hex key. Reinstall with flat side up instead of bevel. This makes fibrous and floppy materials (examples: cove base, thin vinyl plank) cut more easily.

For Kevlar® fiber reinforced materials (example: rubber belting), put flat side of anvil up above, but also remove plastic blade-stop.

DOUBLE CUTTING

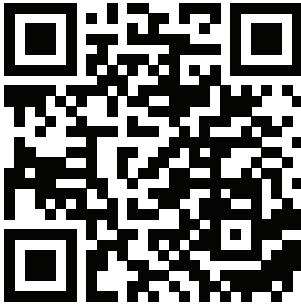
Most materials cutter very well with just one cut. However, some brands of fiber cement siding and other products may require cutting twice to produce a better cut. Simply make your first cut $\frac{1}{8}$ " to $\frac{1}{4}$ " (3 to 6 mm) longer than your mark, then go back and make your second cut on your mark. This is very useful to create a cleaner cut when a trim molding or transition cannot be used to cover your cut end.

MAINTENANCE

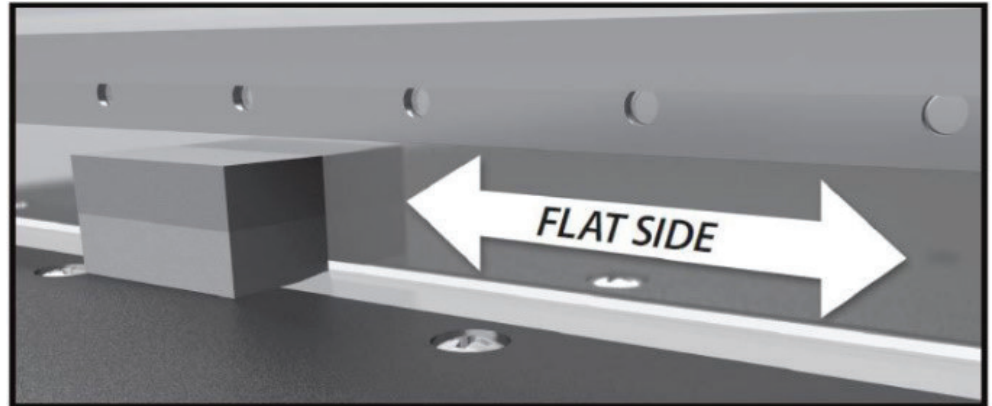
Honing the Blade

Push the handle down until the blade $\frac{1}{8}$ " (3 mm) above the tabletop. Place the provided Hone Stone against the flat side of the blade. Slide the honing stone from one end of the blade to the other 3-4 times. This will remove any burrs from your blade.

When you first get your cutter, you should hone after your 5th cut, then hone your blade every 10th cut for the first 100 cuts until your blade is broken in. From there, you only need to hone once per job. Use caution when honing the blade. The blade is sharp and can easily cause injury. Cut-resistant gloves are recommended when honing the blade.



For more information on honing your blade, scan the QR code or visit www.marshalltown.com/honing-your-blade



Sharpening the Blade

The blade can be sharpened to restore a one-sided, $21^\circ - 22^\circ$ knife edge. It is important to note that the blade must be sharpened only on the beveled side, leaving the flat side flat. We recommend that power grinding only be done professionally, as the blade must be fluid cooled during this process.

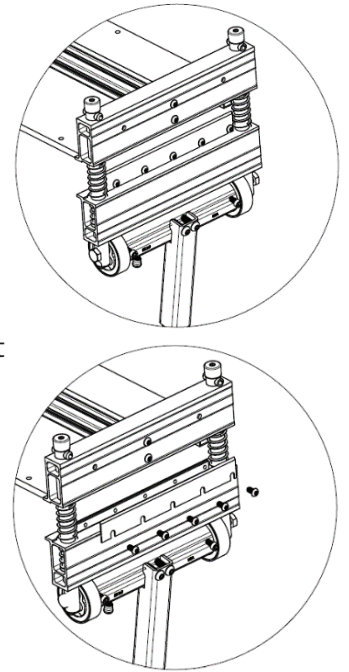


Replacing the Blade

WARNING: Blade is extremely sharp! Use cut-resistant gloves when replacing the blade.

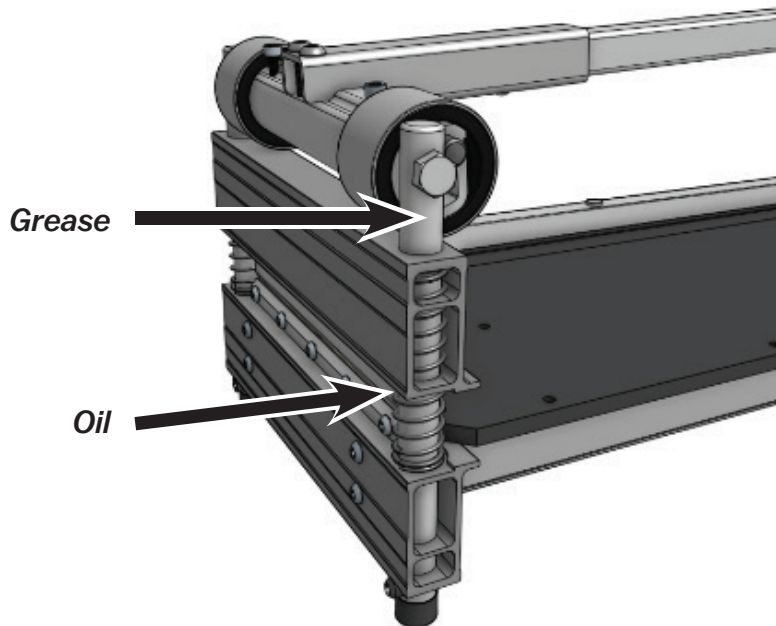
- 1. TURN Cutter UPSIDE DOWN** Tip: put the cutter on the edge of a sturdy table.
- 2. LOOSEN BLADE** Using a Phillips screwdriver, remove the screws.
- 3. REMOVE BLADE** Hold blade by each end and carefully lift out of pocket.
- 4. INSTALL BLADE** Hold blade by each end and carefully place into the blade pocket in the head, with the flat side of the blade facing the table. Be sure that it is firmly seated, and the pocket is clear of debris.
- 5. TIGHTEN THE BLADE** Using a Phillips screwdriver, replace & tighten the screws, starting with the center screw.

NOTE: This image is for the SharpShooter 2.0. Your cutter may look slightly different.

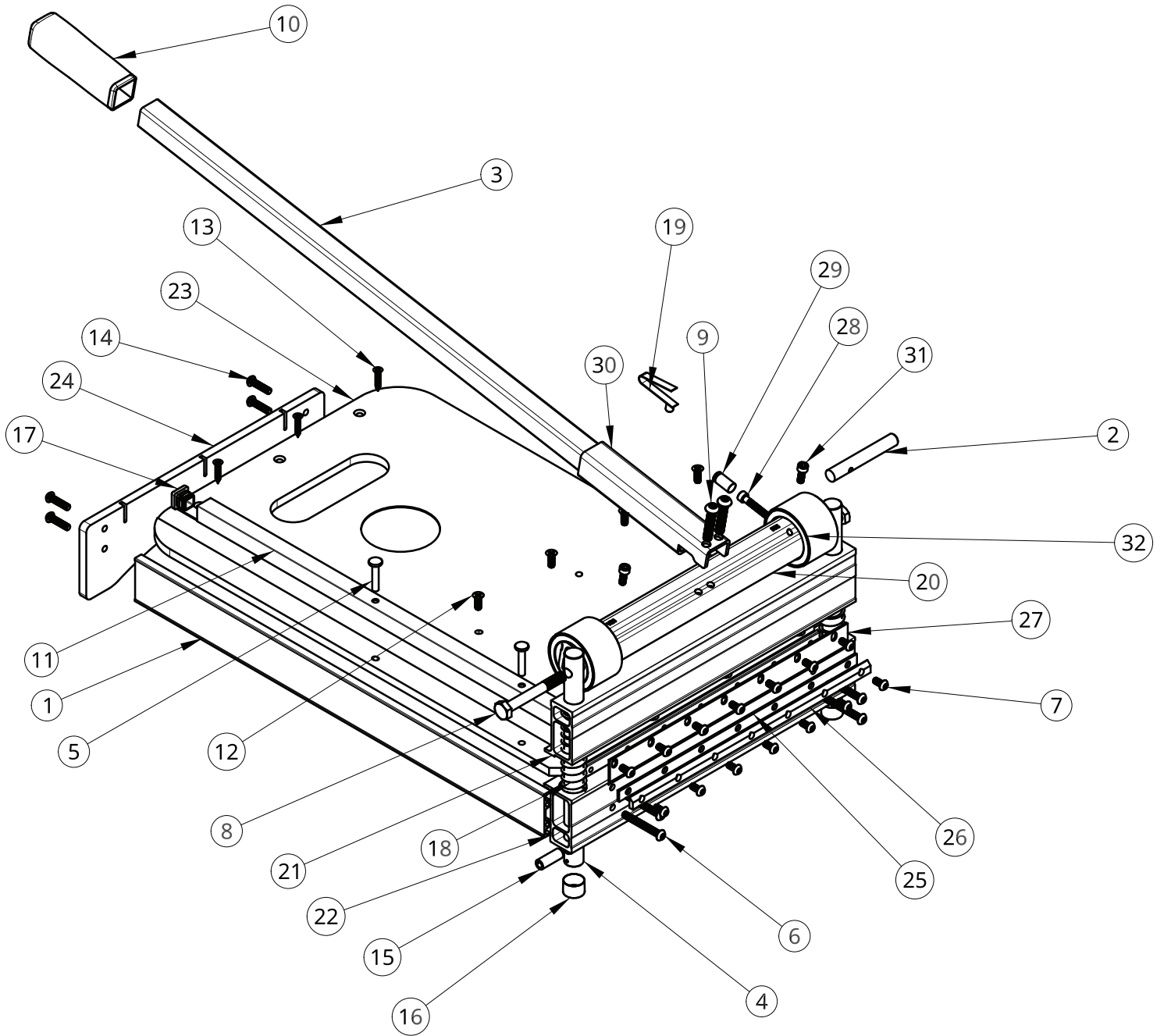


Lubrication

After every 100 cuts, it is recommended that the cutter be lubricated. Use a light oil and grease (wheel bearing grease) and apply according to the image below. Lubricating the cutter will extend the life of the cutter and result in easier cutting.



PARTS BREAKDOWN



PARTS BREAKDOWN

REF #	DESCRIPTION	EDI	PART#	QTY
1	22 ³ / ₈ x 2" CUTTER RAIL, 0.95" C2C	WC1005	CON-RAL-W022	2
2	1/2" DIAMETER CAM LOCK PIN	R7154	CON-CML-D900	1
3	009 UPPER HANDLE	R7204	CON-HAN-U009	1
4	SHARPSHOOTER & MARKSMAN PIN	WU915	COT-PIN-0400	2
5	1/4 X 1 1/4" FLAT HEAD AL RIVET	WR1553	FAS-RVT-2513	2
6	1/4-20 x 2" BHSCS ZINC PLT	WR1584	FAS-SCW-5420	4
7	M6-1 x 12 BHSCS ZINC PLT	WR1585	FAS-SCW-5612	14
8	BOLT, M10 x 80 HEX, 10.9, ZINC PLT	WR1510	FAS-BLT-EZ80	2
9	M8-1 1/4 x 40 BHSCS ZINC PLT	WR1589	FAS-SCW-5840	2
10	HANDLE GRIP	WT507	WT507	1
11	MACHINED Cutter FENCE 19 3/4"	R7178-020	R7178-020	1
12	M6-1 x 16 FHPMS ZP	WR1499	FAS-SCW-8569	4
13	#10 x 1 FHPSMS	WR1556	FAS-SCW-0010	3
14	M6-1 x 25 BH TORX MS ZINC PLT	WR1598	FAS-SCW-7625	4
15	PIN, TENSION, M10 x 30	WR1548	FAS-PIN-EZ02	2
16	FOOT CAP, 3/4" BLACK VINYL, FCR-12	WL793	GEN-CAP-5039	2
17	EZ END CAP, BLACK, FITS SQ TUBE ID OF 0.584 - 0.68"	WL790	GEN-CAP-1075	1
18	SPRING, COMPRESSION, 0.989 x 4", x 0.105, 14 COIL	WR1634	GEN-SPR-4075	2
19	BUTTON SPRING, HAIRPIN, 5/16	WR1630	GEN-SPR-0847	1
20	MARKSMAN 13" CAMSHAFT	R7126	CON-CAM-1113	1
21	MARKSMAN 13" HEAD	R7215	CON-HED-1113	1
22	MARKSMAN 13" BASE	R7088	CON-BSE-1113	1
23	MARKSMAN 13" TABLE	R7332	PLA-TBL-1113	1
24	MARKSMAN 13" TAIL	R7309	PLA-TAL-1113	1
25	ES00-EX13 BLADE STOP	R7120	CON-BST-EX13	1
26	ES00-EX13 ANVIL	R7023	CON-ANV-EX13	1
27	EZ-13 FLR BLADE	WX2582	RAW-BDE-113B	1
28	M6-1.0 x 30 SHCS ZP	WR1577	FAS-SCW-2630	1
29	.40 S&W SPENT CASING	WL797	GEN-BUL-LET4	1
30	SHARPSHOOTER PRO AND MARKSMAN LOWER HANDLE	R7198	CON-HAN-L100	1
31	M6-1 X 16, SHCS, ZINC PLT	WR1581	FAS-SCW-5021	2
32	BEARING ASSEMBLY, MARKSMAN/ SHARPSHOOTER PRO	R7527	SUB-BNG-0150	2

REPLACEMENT PARTS

REF #	DESCRIPTION	EDI	PART #
27	REPLACEMENT 13" EZ SHEAR FLOORING BLADE	29794	113B
25, 27	MARKSMAN SHEAR MAINTENANCE KIT	29789	1113-SMK
2, 4, 7, 8, 16, 20, 21, 22, 25, 26, 28, 29, 31, 32	MARKSMAN REPLACEMENT POWERHEAD	29771	1113-RP-PH
25	BLADESTOP REPLACEMENT, 13" x ½" FOR MARKSMAN AND MAGNUM EDGE 13"	29768	869-RP-1113
8	M10 x 80 HEX AXLE BOLTS REPLACEMENT SET	29898	863-RP-EZ80
10	REPLACEMENT HANDLE GRIP, 1" SQ x 5"	29907	868-RP-MAG
26	ANVIL REPLACEMENT, 13" x ½" FOR MARKSMAN AND MAGNUM EDGE	29766	854-RP-1113
19	REPLACEMENT HANDLE SPRING PIN, ⅝" 1 SIDED	29860	847-RP
3,10,19	1" SQUARE REPLACEMENT HANDLE UPPER ONLY (SHARPSHOOTER & MARKSMAN)	29881	858-RP-U009
5,11,17	FENCE REPLACEMENT FOR SHARPSHOOTER, MARKSMAN, EZ SHEAR	29870	856-RP-100F
16	FOOT CAP REPLACEMENT FOR SHARPSHOOTER, MARKSMAN, EZ SHEAR	29855	838-RP-EZ
7	M6-1.0 X 12 MM ALLEN 10.9 ZINC BUTTON SOCKET CAP SCREW	WR1585	FAS-SCW-5612
9, 30	BULLET™ LOWER HANDLE	33181	33181

TROUBLESHOOTING

Before troubleshooting double-check the manual:

- Is your cutter properly assembled?
- Is it being operated correctly?
- Is it properly lubricated?
- Has the blade been honed as recommended?

Visually inspect cutter, watching for objects that might obstruct the blade or powerhead travel:

- Foreign material presence between the blade and anvil, in the pin springs or under the cam.
- Check your blade for chips, cracks or burrs.
- Make sure bearings are intact and lubricated. They should not be spinning/moving on the cam during use.

NOTE: This troubleshooting is for all Bullet™ cutters. If you are uncertain if it pertains to your cutter, please contact MARSHALLTOWN customer service.

PROBLEM	CHECK FIRST	CHECK SECOND	CHECK THIRD	CHECK FOURTH
Difficulty cutting	Ensure cam lock is OFF. If equipped, engage power lobes (Model 226)	Make sure handle is FULLY extended	Check blade sharpness/condition	Inspect and lubricate bearings/pins
Not cutting completely through material	Inspect pins for oblong/wallowed orifice	Adjust front stroke stop (MAGNUM cutters)	Check bearings for wear/play	Ensure blade is proper nominal height
Blade sticking after completing cuts	Check/remove & replace blade stops if damaged	Ensure blade screws are tight	Remove anvil, turn it over, reinstall	Check for marks on anvil (overbite)
Rough or crushed cuts	Check veneer thickness (max= 1/16")	Check blade condition (chips, burrs, breaks)	Ensure blade is honed and sharp	Review approved materials list
Cuts aren't square	Loosen fence screws, align fence, tighten	Check pins for uneven wear	Inspect blade and anvil/blade-stop for contact	
Handle not returning to open position	Ensure pins are lubricated	Apply grease to contact area of bearing	Lubricate axle bolts	Check springs for breakage
Material won't fit into cut area	Check max thickness of material for your cutter	Reverse back stroke stop	Ensure blade is proper nominal height	If you have two bearings, switch which bearing is engaged
Cam lock pin bent/stuck	Do not lift or carry cutter by the handle	Return handle slowly to open position - do not "let it fly"	Disengage cam lock pin BEFORE cutting	
Blade chipping	Hone as directed in manual (~25 cuts, then daily)	Do not cut stranded bamboo	Do not cut high pressure laminate	Check veneer thickness (max=1/16")
Pin openings wallowed out / oblong where cam axle passes through	Do not lift or carry cutter by the handle	Return handle slowly to open position - do not "let it fly"	Check veneer thickness (max= 1/16")	Review approved materials list
Not cutting to edge of material	Check fence alignment - adjust if needed	Do not "angle" material beyond the blade edge	Ensure angle fence(s) are installed with WIDE edge inward (620 model)	

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