



Click Here To View
Item at

www.GapPower.com

Sales • Rentals
Parts & Service



BULLET TOOLS™
The Professional's Best Shot

INSTRUCTION MANUAL
READ BEFORE USE!

MANUEL D'UTILISATION
LISEZ CECI AVANT D'UTILISER!

MANUAL DE INSTRUCCIONES
¡LEA ESTO ANTES DE USARLO!



Shear^{SS}

"Make the Cut!"

20"



DUST FREE CUTTING FOR SIDING, SIDING TRIM, & MORE!
POUR LES PLANCHERS, LE BARDAGE ET PLUS ENCORE!
PARA COLOCACION DE PISOS, CUBIERTAS DE PARED Y MAS!

Applies to Model Numbers: 220

www.BulletTools.com | USA (800) 406-8998 | Int'l (208) 772-0175

PRT-INS-0220Rev.A-7.27.11 ©2011 Bullet Tools

EZ SHEAR™ SST 20

Please record your serial number here: _____

(Located on the under side of the machine)

WARRANTY

90 Day Satisfaction Guarantee

Bullet Tools is confident that you will be absolutely pleased with the purchase of our product. If, for any reason, you should not be completely satisfied with your EZ Shear, we will refund your purchase price at anytime within 90 days of your original purchase (receipt required). If you want to return your product under our 90-day no risk trial offer (valid only for purchases made in the US), please contact us at 1-800-406-8998 or 208-772-0175 for return instructions.

Limited Lifetime Warranty

Bullet Tools warrants only to the original purchaser of this product from an authorized reseller or distributor that this product will be free from defects in material and workmanship under normal use and service for the lifecycle of the product. This limited lifetime warranty includes all EZ Shear parts except the blade and cosmetic appearance (chips, dings, scratches) caused by normal use and wear. This limited warranty does not cover any damage due to accident, misuse, abuse or negligence. Further, it is valid only if the product is used with the cut products specified in the cut guide. Please refer to the User Guide for details or call Bullet Tools' technical support. In order to recover under this limited warranty, Purchaser must make claim to Bullet Tools within 60 days of occurrence, and must present acceptable proof of original ownership (such as original receipt, warranty card registration, on-line registration, or other documentation Bullet Tools deems acceptable) for the product. Bullet Tools, at its option, shall repair or replace the defective unit covered by this warranty. To obtain warranty service, please contact Bullet Tools at 1-800-406-8998 or 1-208-772-0175 for pre-authorization and further instructions. Except for the limited Lifetime Warranty provided herein, to the extent permitted by law, Bullet Tools disclaims all warranties, express or implied, including all warranties of merchantability and/or Fitness for a particular purpose. Additional rights may be available under the laws of your State or Province. Any and all warranties, written or implied, are void with any alterations to the product.

Note: Bullet Tools shall not be liable for any special, incidental or consequential damages, including but not limited to lost revenue, lost profits, rental or replacement equipment, downtime, damage to property and third-party claims, arising out of any theory of recovery, including warranty, contract, statutory or tort.

BLADE COMPATIBILITY CHART

		BLADE SIZE						
		9"	13"	20"	25"	26"	30"	40"
SERIES	Silver Edition		#700B	#701B - 3mm				
	XL-25				701XLB			
	X Series, E Series	#690B	#700B	#701B		#726B		
	L Series	#809B, #909B	#813B, #913B	#820B, #920B		#826B, #926B		#840B, #940B
	I Series Pro	#909B	#913B	#920B		#926B		
	I Series RCT			#520B			#930B	#940B
	MagShear Lite		#513B					
	EZ Shear	#109B	#113B					
	EZ Shear SST	#209B, #909B	#213B, #913B	#220B, #920B				



WARNING: FAILURE TO FOLLOW THESE RULES MAY RESULT IN SERIOUS INJURY! USING THIS MACHINE WITH RESPECT AND CAUTION WILL CONSIDERABLY LESSEN THE POSSIBILITY OF PERSONAL INJURY.

SAFETY RULES FOR THE EZ SHEAR SST™

1. Read and understand this instruction manual before operating the EZ SST™
2. If you are not thoroughly familiar with the operation of the EZ SST , obtain advice from a qualified instructor or call 800-406-8998 (International: 208-772-0175)
3. Stay alert. Do not operate the EZ Shear SST™ while under the influence of drugs, alcohol, or medication.
4. Always wear safety approved eye protection with side shields (ANSI Z87.1).
5. Keep work area clean and free of debris.
6. Keep children and unauthorized persons away from the EZ SST™ and work area.
7. Make sure tool is secure. Operate only on a firm substrate or solid stand.
8. Use the right tool. Do not force the EZ SST™ or use it for a job for which it was not designed; use only on approved materials (see list on p. 10)
9. Keep blade sharp. A dull blade will not perform properly.
10. Always keep hands away from blade while operating or carrying.
11. Do not alter or misuse this tool. The EZ SST™ is precision built; modifications not specified in this manual may result in a dangerous condition.
12. Maintain your EZ SST™ with care. Keep blade sharp and clean. Follow instructions for lubricating and changing accessories.
13. Use only recommended accessories. The use of improper accessories may cause hazards or injury.
14. Never leave your EZ SST™ unattended. Secure the handle with the safety lock when not in use.
15. Warning: The dust generated by cutting certain wood, wood fiber, fiber cement, and/or PVC products can be injurious to your health (but since our shears don't create any dust, we suggest that you don't eat the small chips sometimes created when cutting).
- 16 Bullet Tools does not endorse or warrant inferior "knock off" imitations of our designs, using these may be dangerous, please contact their manufacturer about any defects.

SET UP

WELCOME! YOUR EZ SHEAR™ COMES READY TO ASSEMBLE.*

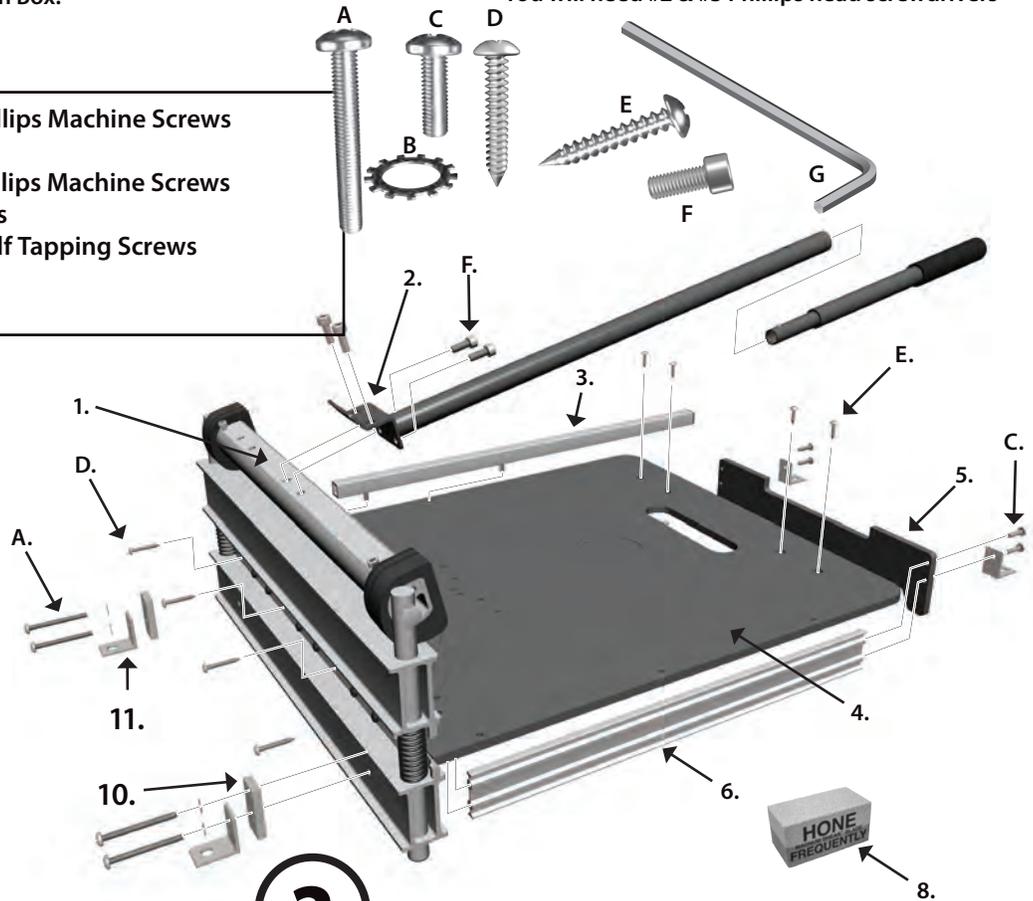
Please Review and Verify Parts Included in Box:

*You will need #2 & #3 Phillips head screwdrivers

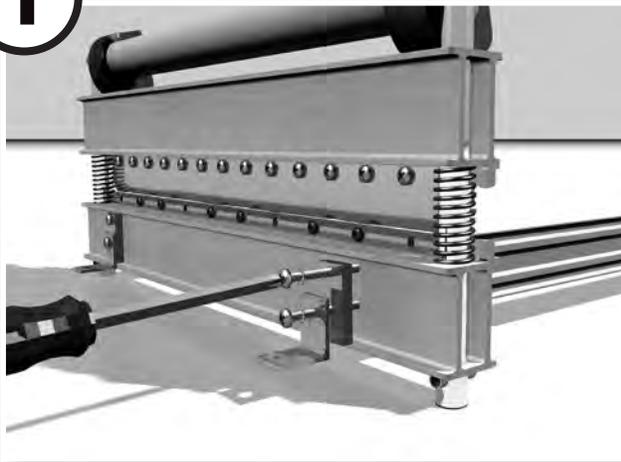
HARDWARE KIT:

- Item A. (4) 6mm x 60mm PH Phillips Machine Screws
- Item B. (4) M6 Star Washers
- Item C. (4) 6mm x 25mm PH Phillips Machine Screws
- Item D. (3) #10x1.25" PHP Screws
- Item E. (4) #10 x 1 PH Phillips Self Tapping Screws
- Item F. (4) M8 x 20 SHCS
- Item G. (1) M6 Allen Wrench

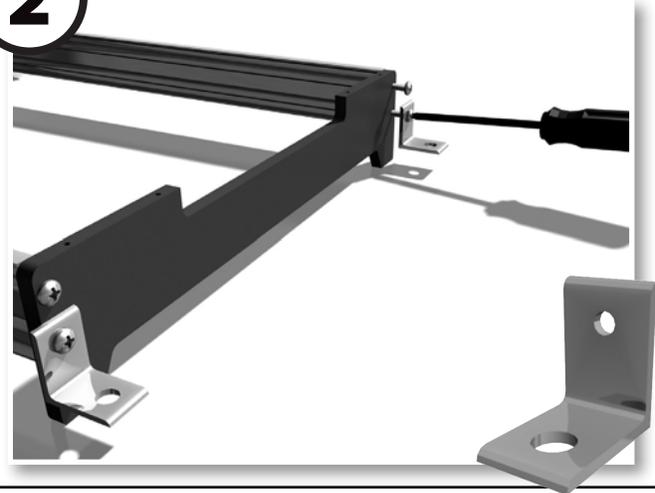
- 1. Power Assembly
- 2. Handle Assembly
- 3. Fence
- 4. Table
- 5. Tail
- 6. Rails (2)
- 7. Instruction Manual
- 8. Hone Stone
- 9. Hardware Kit
- 10. Reinforcement Spacer
- 11. Mounting Bracket



1



2



ASSEMBLY

1. ATTACH RAILS

Attach rails, reinforcement spacer, and mounting bracket to base using (4) *Item A* machine screws fitted with star washers, *Item B*.

2. ATTACH TAIL

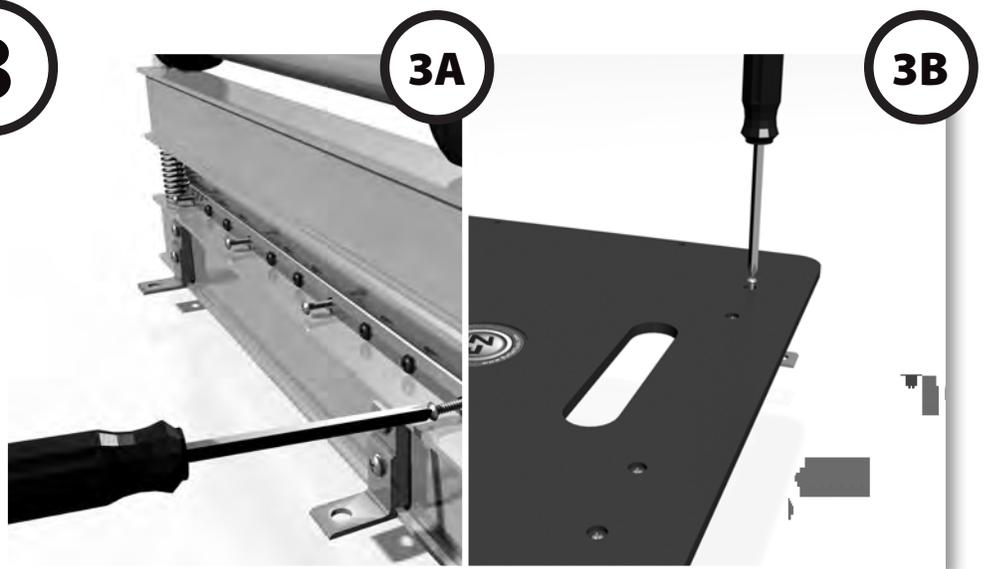
Attach tail and mounting bracket to rails using (4) *Item C* machine screws. Make sure holes in tail are facing up.

SET UP

3. ATTACH TABLE

A. Attach table to base starting with front, start screws with hand, use 3 *Item D* self tapping screws.

B. Attach back of table to tail using *Item E* self tapping screws.



4. TO ATTACH HANDLE:

Align handle to preferred position (center or right) insert screws from handle assembly, and tighten with hex wrench.

Note: To ensure correct alignment, start each of the four (4) bolts by hand before using item G hex wrench

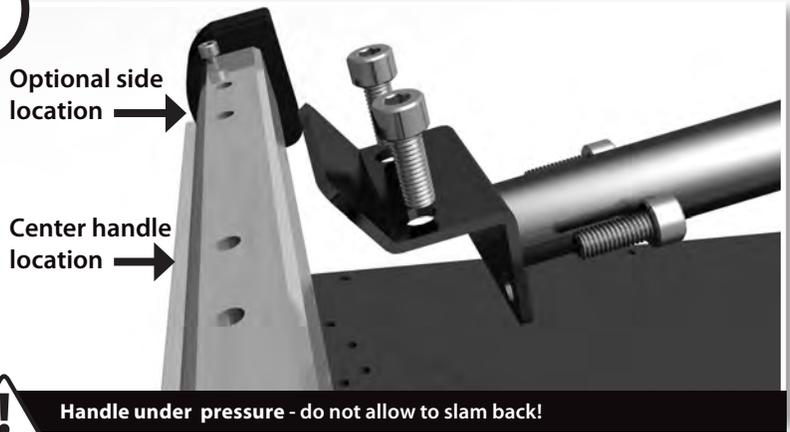
4

Optional side location →

Center handle location →



Handle under pressure - do not allow to slam back!

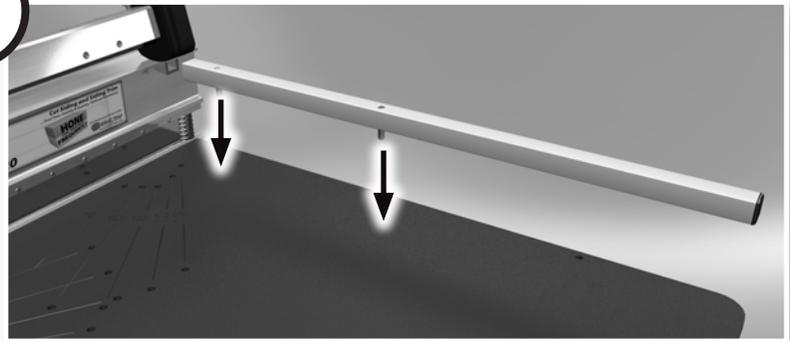


5. PLACE THE FENCE

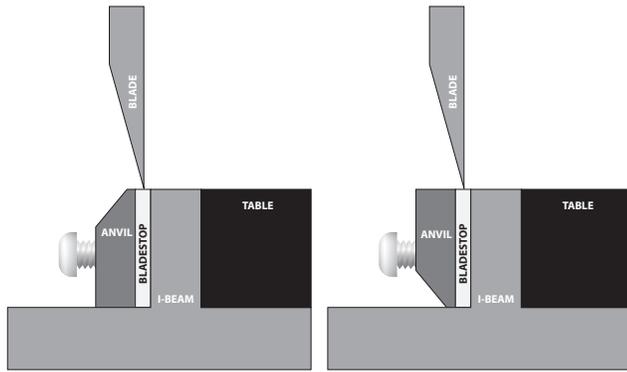
Your EZ Shear SST 20" is equipped with an aluminum fence which may be set to common roof pitches. (4/12 6/12 8/12 and 12/12) Simply align with desired position and press pins into place.

Note: The fence is friction fit (requires effort to insert or remove).

5



CUSTOM SETTINGS



THE ANVIL

The Anvil has two edges: a 1/32" (0.75mm) narrow edge and a 3/16" (4.5mm) wide edge. Either edge can be used according to the support needed to make a clean cut. (Some soft-backed products require the wider anvil edge).

TO CHANGE BETWEEN EDGES

Simply remove the anvil screws and flip the anvil over. Ensure blade stop is in place.

MAKING CUTS



USE EXTREME CAUTION! Blade is very sharp.

The EZ Shear™ is operated manually. The two-part handle is grasped by the operator and pushed down to make a cut. **ALWAYS KEEP HANDS / FINGERS AWAY FROM THE BLADE!**

CUTTING

1. Unlock safety lock by sliding knob over and down.
2. Insert material. It is recommended that you **HOLD MATERIAL IN PLACE** until the cut is complete.
3. **PUSH HANDLE DOWN TO CUT.** Some effort may be required depending on hardness of material.
4. **CAUTION:** Handle is spring loaded. **DO NOT ALLOW HANDLE TO SLAM BACK AFTER MAKING A CUT.**

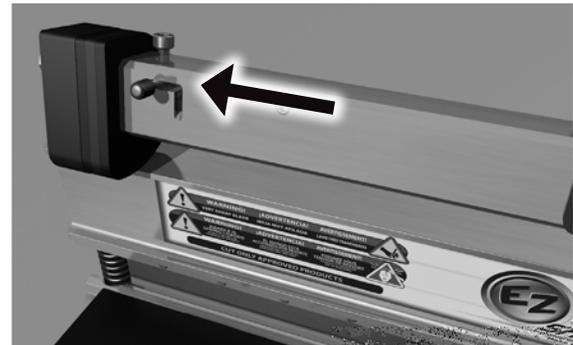
SAFETY LOCK

For maximum security, the safety lock will automatically reset in the "locked" position unless disengaged. The safety lock can be disengaged by sliding the knob over and down, hooking into slot. (Shown Right)

TRANSPORT

It is important to re-engage lock and secure handle in down position while storing, carrying, or transporting your EZ Shear™.

Locked



Unlocked



TIP: DOUBLE CUTTING

Most materials (listed on p. 10) shear very well with just one cut. However, some brands of laminate flooring and other products may require cutting twice to produce a better cut.

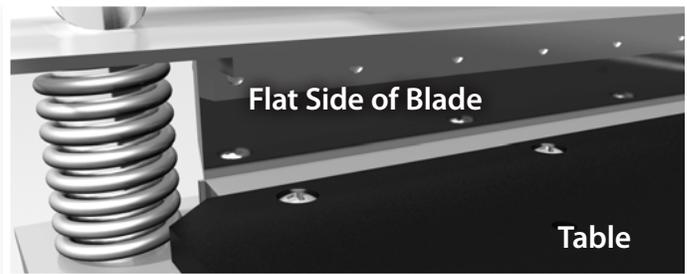
Simply make your first cut 1/8" to 1/4" (3 to 6mm) longer than your mark, then go back and make your second cut on your mark. This is very useful to create a cleaner cut when trim cannot be used to cover your cut end.

MAINTENANCE

See blade compatibility chart (Page 2) to identify an appropriate replacement blade.

REPLACING BLADE

The blade must be placed with the flat side toward the table. Only use compatible blades, see blade compatibility chart on page 2. Any other blade will not perform properly and may damage your machine.



WHEN TO HONE

There are three situations when it is very important to hone the blade (remove burrs) on the flat side of the blade.

1. After the first 30-100 cuts on a new blade
2. Every 100+ cuts on the job
3. When the blade has been re-sharpened

TO HONE

With the blade in the machine, it is quick and easy to hone; Simply pull the EZ Shear™ handle down until the blade is just above the blade stop (approximately 1/8"). Then, lay the wide flat side of the hone stone against the flat side of the blade and move hone stone from end to end 2 to 3 times to remove any burrs.



Use Hand Protection! Blade is very sharp!

Note: It is not necessary to remove the small nicks or chips from the blade edge when sharpening or honing.



SHARPENING THE BLADE

The blade can be sharpened to restore a one-side, 21° - 22° 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.



MAINTENANCE CHANGING THE BLADE

WARNING

Blade is extremely sharp! Use hand protection when removing, honing, or sharpening blade!

1. TURN SHEAR UPSIDE DOWN

Tip: put the shear on the edge of a sturdy table.

2. LOOSEN BLADE

Using a Phillips screwdriver, remove the *Item D* screws.

3. REMOVE BLADE

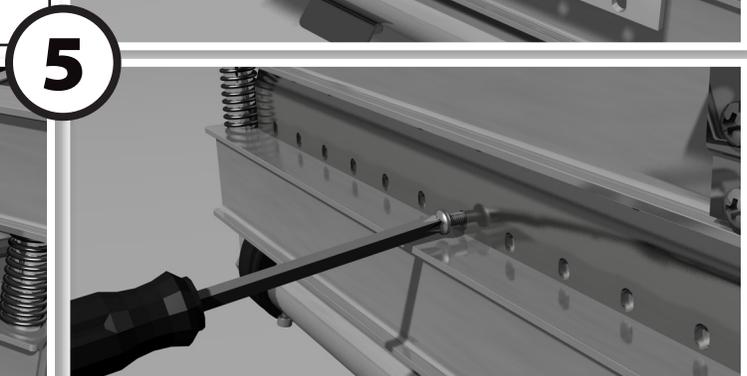
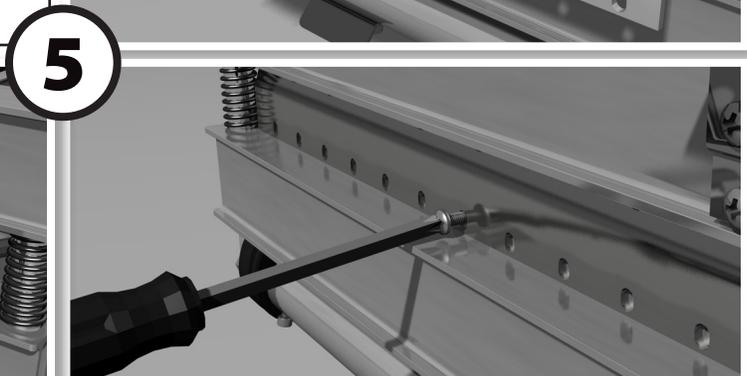
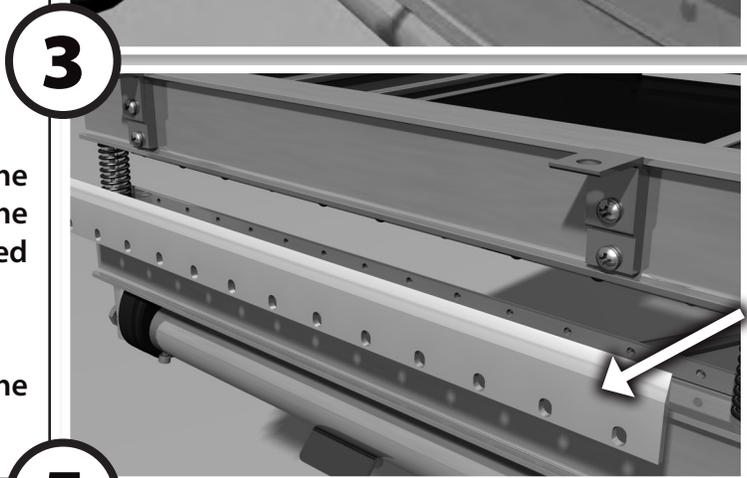
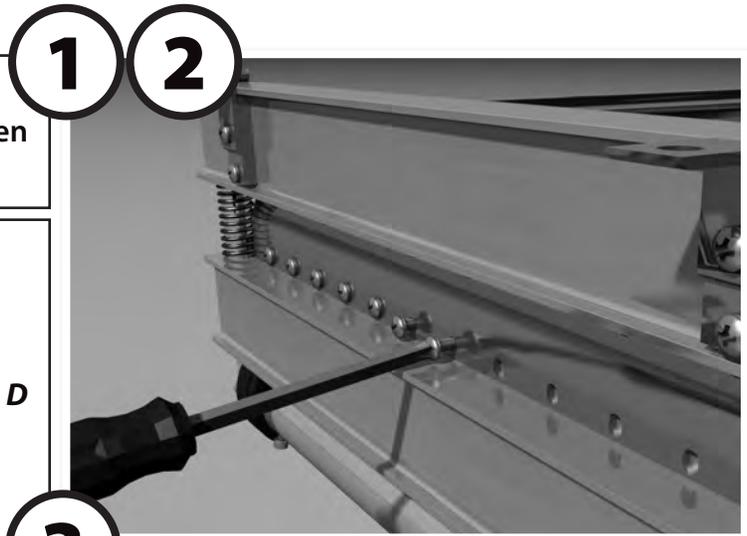
Hold blade by each end and carefully lift out of pocket.

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.



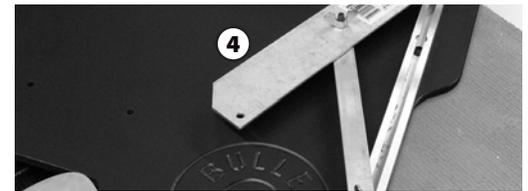
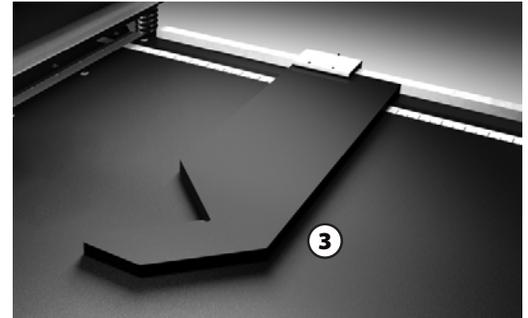
LUBRICATING THE BEARINGS

Before every job you should clean and re-grease the cam bearing surface.

THE BLADE STOP (SEE TOP OF PAGE 6)

The blade stop may become worn. Remove anvil, turn blade stop over for more use. Replacements can be purchased at your dealer. (Page 3)

AVAILABLE ACCESSORIES



1	HONE STONE Keep your blade honed for longer use!	#701S
2	EZ SHEAR STAND Provides a sturdy, raised platform for use or display. Mounting bracket not included.	#709
3	ANGLE GUIDE KIT Provides a fixed "stop" point for more accurate repeat/multiple cuts. Includes 45° Angle Guide with fence upgrade.	#856AG-20
4	ALL ANGLE FENCE Sets to any angle from 0 to 90 degrees.	#701AF
5	SLICKSHOT Dry lubricant for the EZ Shear™.	#701SL

CUTTING INFORMATION

FOR EZ 20 SST™

(Cuts up to 20 inches wide)

APPROVED MATERIALS & SIZE LIMITATIONS

Material	Max Thickness
Siding, Fiber Cement Board	12mm or 1/2"
Siding, Pressboard Lap	18mm or 3/4"
Siding, Vinyl	25mm or 1"
Siding, Wood	25mm or 1"
Trim, OSB	25mm or 1"
Trim, Fiber Cement	25mm or 1"
Trim, Vinyl	25mm or 1"
Shingles, Tar or Wood	12mm or 1/2"
Commercial Vinyl	24mm or 1"
Cork	24mm or 1"
Durastone™	6mm or 1/4"
Laminate Flooring	15mm or 5/8"
Leather	25mm or 1"
Luxury Vinyl Tile	25mm or 1"
Parquet	12mm or 1/2"
Permastone™	6mm or 1/4"
PVC Tile	25mm or 1"
Recycled Tire Tile	25mm or 1"
Rubber Cove Base	12mm or 1/2"
Rubber Tile	25mm or 1"
Soft Plastic	25mm or 1"
Tirex™ & Rope Cord	25mm or 1"

Please note: Approved materials may vary in density and hardness. If extreme pressure is required to cut a product please contact Bullet Tools™ before proceeding to avoid damaging your machine. Warranty is void if an unapproved product damages the machine.

GENERAL INFO

WHEN TO HONE

There are three situations when it is very important to hone the blade (remove burrs) on the flat side of the blade.

1. After the first 30-100 cuts on a new blade
2. Every 100+ cuts on the job
3. When the blade has been re-sharpened

TO HONE

With the blade in the machine, it is quick and easy to hone; Simply pull the EZ Shear™ handle down until the blade is just above the blade stop (approximately 1/8"). Then, lay the wide flat side of the hone stone against the flat side of the blade and move hone stone from end to end 2 to 3 times to remove any burrs.

TIP: DOUBLE CUTTING

Most materials (listed on p. 10) shear very well with just one cut. However, some brands of laminate flooring and other products may require cutting twice to produce a better cut.

Simply make your first cut 1/8" to 1/4" (3 to 6mm) 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 trim cannot be used to cover your cut end.

Addendum for SST26

SET UP

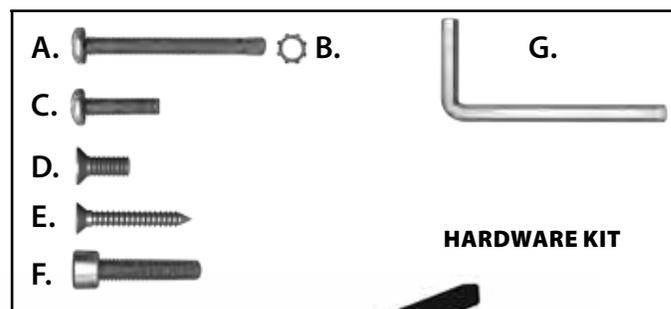
WELCOME! YOUR SST 26 COMES READY TO ASSEMBLE.*

Please Review and Verify Parts Included in Box:

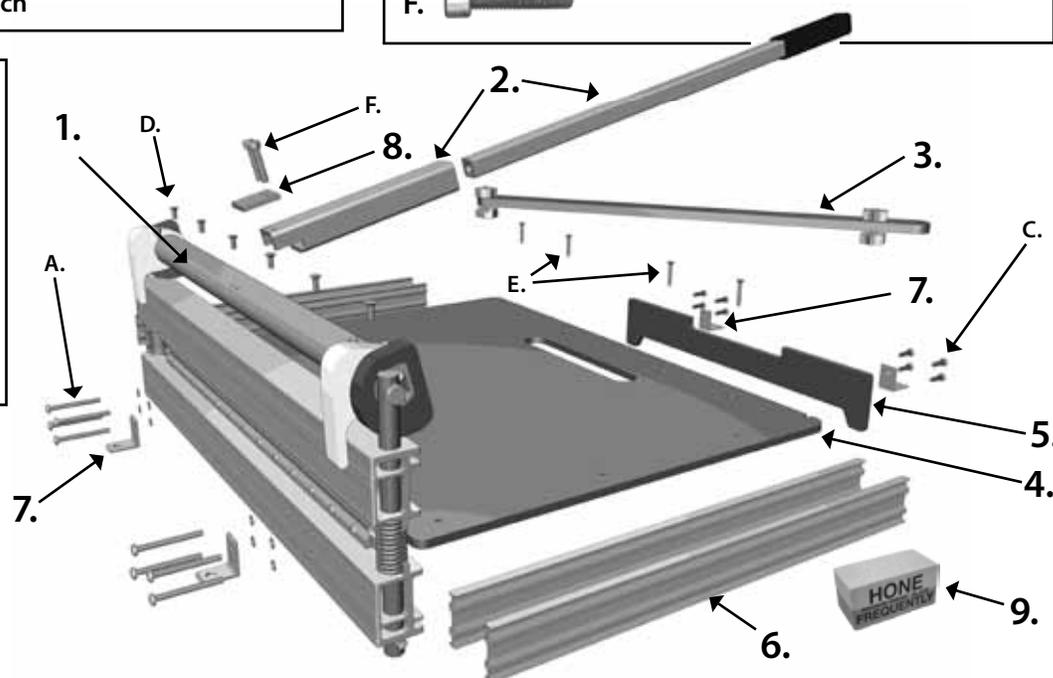
*You will need #2 & #3 Phillips head screwdrivers

HARDWARE KIT:

- Item A. (8) 6mm x 60mm PH Phillips Machine Screws
- Item B. (8) M6 Star Washers
- Item C. (8) 6mm x 25mm PH Phillips Machine Screws
- Item D. (6) M6 x 16mm FH Phillips Machine Screws
- Item E. (4) #10 x 1 FH Phillips Self Tapping Screws
- Item F. (2) M8 x 50mm SHCS
- Item G. (1) M6 Allen Wrench



- 1. Power Assembly
- 2. Handle Assembly
- 3. Fence & Angle Guide
- 4. Table
- 5. Tail
- 6. Rails (4)
- 7. Mounting Brackets (4)
- 8. Back Stroke Stop
- 9. Hone Stone
- 10. **Hardware Kit**



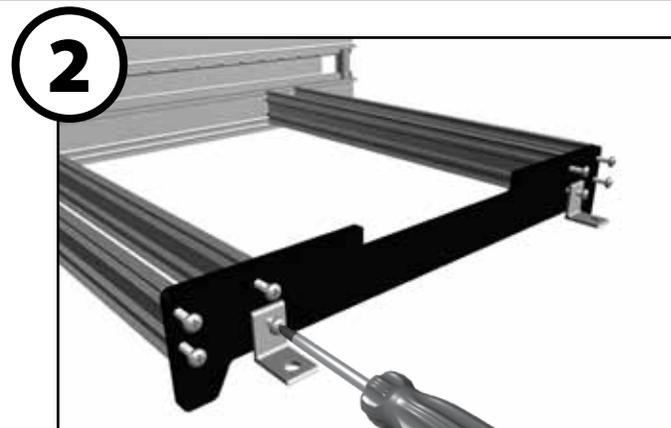
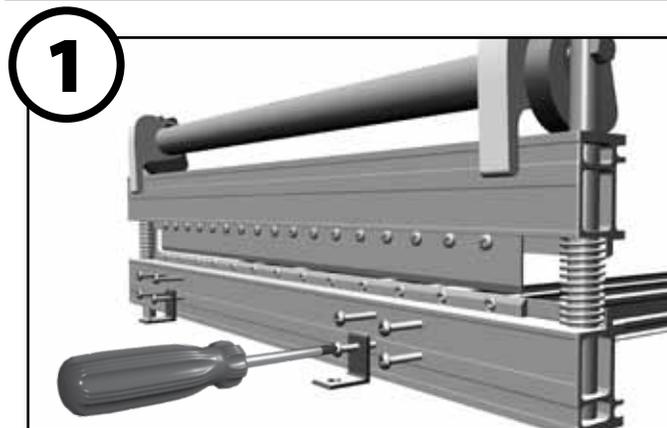
ASSEMBLY

1. ATTACH RAILS

Attach rails and mounting bracket to base using (8) *Item A* machine screws, fitted with (8) *Item B* star washers.

2. ATTACH TAIL

Attach tail and mounting bracket to rails using (8) *Item C* machine screws. Make sure holes in tail are facing up.

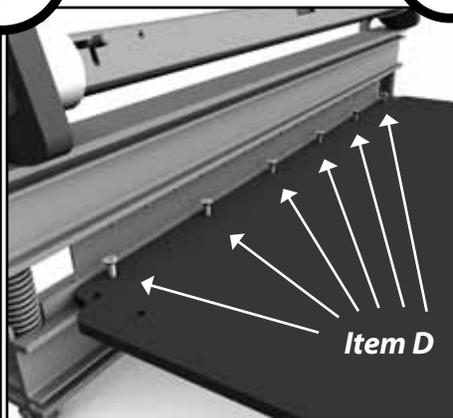


SET UP

3

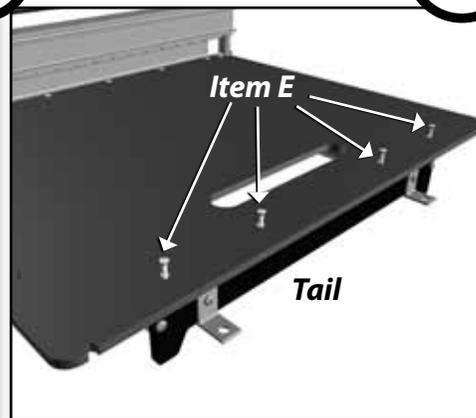
3. ATTACH TABLE

- A. Attach front of table to base, using (6) *Item D* screws. Tighten with #2 Phillips.
- B. Attach back of table to tail using (4) *Item E* self tapping screws. Tighten with #2 Phillips.



3A

3B



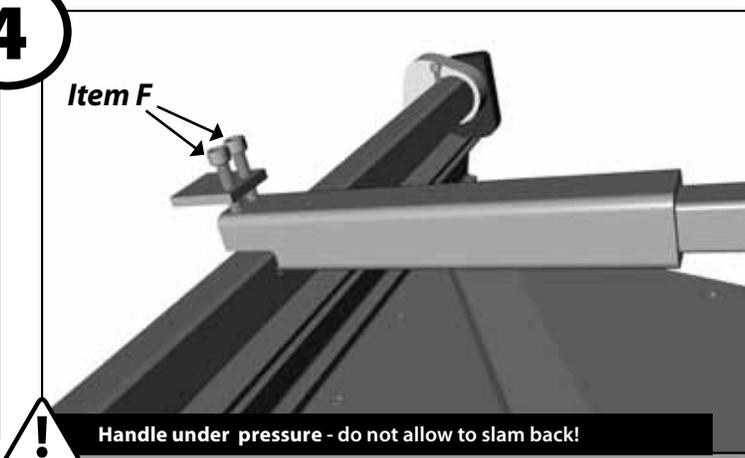
4. TO ATTACH HANDLE:

Insert (2) *Item F* screws through back stroke stop, and tighten with *Item G* hex wrench.

Note: To ensure correct alignment, start each of the bolts by hand before using *Item G* hex wrench.

4

Item F



5. ATTACH FENCE

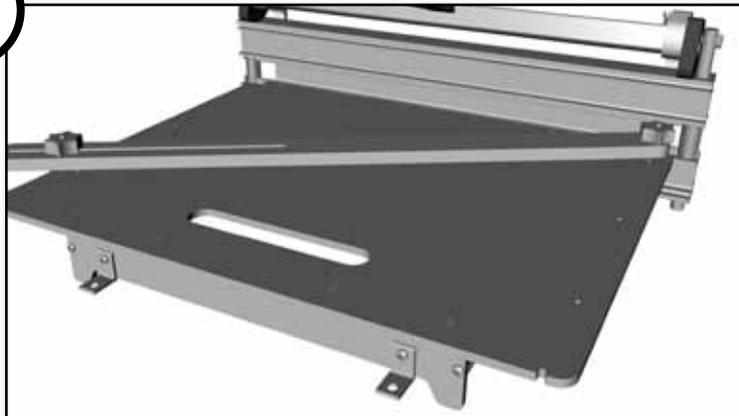
Slide fixed clamp into the front quick alignment notch.

For 90° cuts, slide loose clamp into rear alignment notch and tighten star knob.

For angle cuts:

- 1) Align edge of fence with the desired angle guide mark in center of table.
- 2) Slide loose clamp to edge of table and tighten star knob.

5



6. REPLACING THE BLADE

Follow the directions on Page 9 of the manual, using a *226B replacement blade*.

MAINTENANCE

The SST 226 has the same maintenance requirements as the SST 220. *See Manual.*