

Martin Yale 18" Manual Ream Cutter - 620RC

Instruction Manual



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PL18M Blade Change Instructions



Warning: this procedure is intended for a qualified equipment technician. It is not recommended for non-qualified personnel to service this unit. This unit contains an extremely sharp cutting blade which could cause severe personal injury if improperly handled. Technical Support for this product can be reached at 800-225-5644. Additional instructions for this machine are available at www.martinyalesupport.com.

Tools Needed

3 mm Allen Wrench (Removal of Shroud and Clamp)
5 mm Allen Wrench (Removal of Blade from Carriage)
Phillips Screw Driver (Removal of Blade Handle)

Removal of Blade Handle, Clamp and Shroud

- 1. Remove handle from unit by taking out (3) phillips head screws from both front and back side. See Photo 1 (Next page). Once screws are removed, pull handle up and off mounting stem.**

2. Remove shroud by taking out (3) 3mm Allen screws from shroud. See photo 2. Shroud cannot be removed before handle .
3. Remove plexi-glass clamp/guard by taking out (4) 3mm Allen screws from left and right side. A metal bracket under each side of the clamp may separate when this is performed. See Photo 3.



Step 1--Handle Front



Step 1--Handle Rear

PHOTO 1



Shroud Screw--Clamp Side



Shroud Screw—Blade Side, Another on opposite side!

PHOTO 2



Clamp Removal--2 Screws at each end of clamp

PHOTO 3

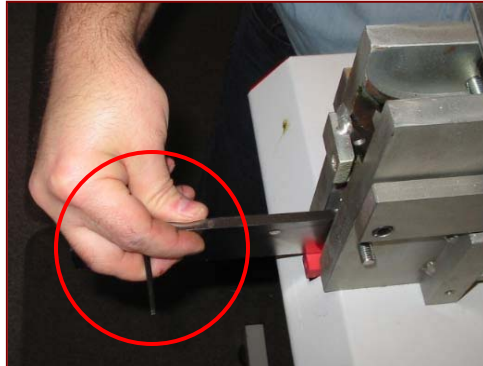
Removal Of Blade

- 1. Once clamp, shroud and handle are removed position blade handle so that both of the outer mounting screws are in sight. Remove each outer screw with 5mm Allen wrench. See Photo 4 on next page. Once outer screws are removed, reposition handle as necessary to remove remaining (5) Allen screws. Once screws are removed, blade will drop to cutting stick.**
- 2. Once blade is dislodged from carriage, carefully slide the blade out of the handle side of the unit (right side). It's recommended that something be inserted into blade hole to pull blade out. Do not use hands. See photo 5 on next page. The blade is easy to damage. Take extra caution to not chip.**
- 3. While blade is removed, turn the cutting stick by pulling out of right side and rotating. See Photo 6.**
- 4. Reassemble machine by reversing steps. Be careful when reinserting the blade. It has a keyed fit to the blade carriage and the carriage should not be forced down. The downward motion should be smooth. Realign and reinstall (7) 5mm Allen screws. Test for cut. If additional**

instructions are needed please contact Martin Yale Industries, Inc. at 800-225-5644, or info@martinyale.com.



Photo 1-Blade handle must be properly positioned to get access to the outer Allen screws.



Do not use hands to pull blade out. Insert a small tool into blade hole and pull.

PHOTO 4

PHOTO 5



A severe groove in cutting stick can keep even a sharp blade from going all the way through the stack

PHOTO 6