



An American Artisan



Make Your Own Wooden Mallet

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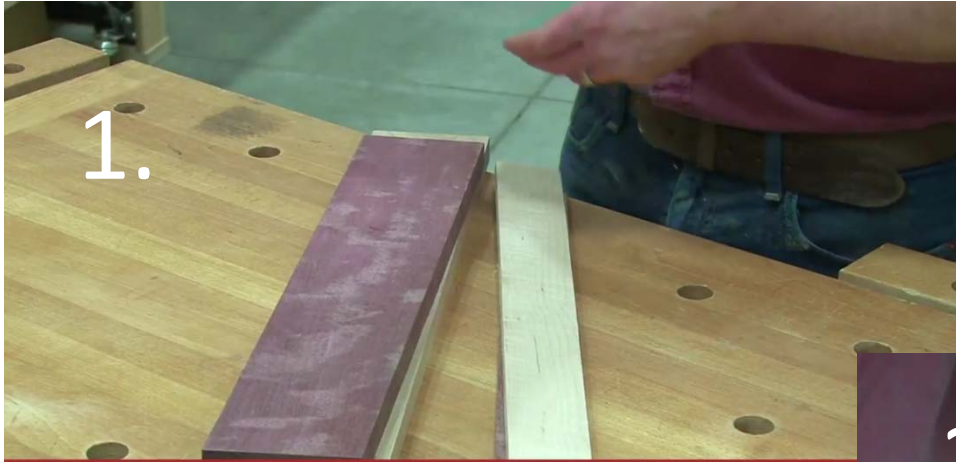
The Cut List

Part	Quantity	Length	Width	Thickness	Notes	Wood
Head-Outer lamination	2	6"	3 1/2"	3/4"	Cut a 5 degree angle on outer ends after glue-up	Maple
Head-Inner Lamination	2	2"	3 1/2"	3/4"	Cut a 3 degree angle on inner ends before glue-up	Purpleheart
Handle – Outer Lamination	2	12"	2 1/4"	1/4"		Maple
Handle-Inner Lamination	1	12"	2 1/4"	1/4"		Purpleheart

See Last Page for
Handle Pattern



1.



Get your materials together.

Step by Step

2.



Cut the maple to 6" rough lengths.

3.



Cut a 3 degree angle on each end of the purple heart.



Step by Step

4.

Measure 2 " over from the short end of the 3 degree angle and make a square cut.

5.

Layout the mallet head.
Trace the 3 degree angle onto a scrap piece of wood.

6.

The mallet handle will fit between the blocks of purple heart.
They should be 2" apart at the top of the mallet.



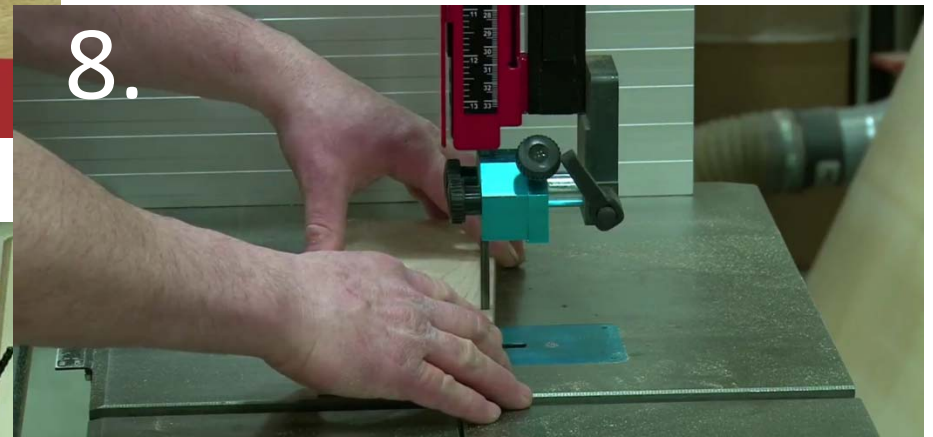
Step by Step

7.



The mallet handle will fit between the blocks of purple heart. They should be 2" apart at the top of the mallet.

8.



Cut along the pencil lines to make a spacer block that will locate the handle centered on the mallet head.

9.



Get ready for glue-up: see links below.



10.



Align the grain lines on the endgrain of the maple so they point toward the center of the mallet head.

Step by Step

11.



Glue the purple heart to the maple...

12.



...and secure with brads



13.



Remove the spacer block.

Step by Step

14.



No brads this time. Just clamps.

15.



Glue up your handle pieces while you're at it.
See the cut list and links below.



Step by Step

16.



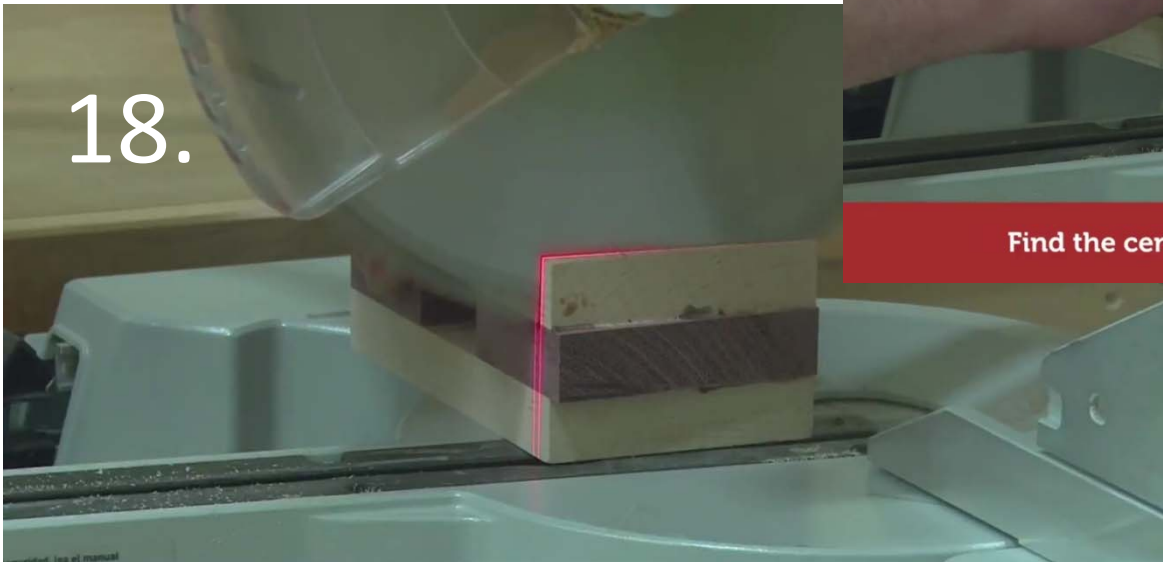
Sand off any remaining glue.

17.



Find the center of the space left for the handle.

18.



Along the top of the mallet, measure three inches over from the center of the handle space to the end of the mallet head and make a cut at 5 degrees.



19.

Sand an arch along the top edge.
Just freehand. Go for it.

Step by Step

20.

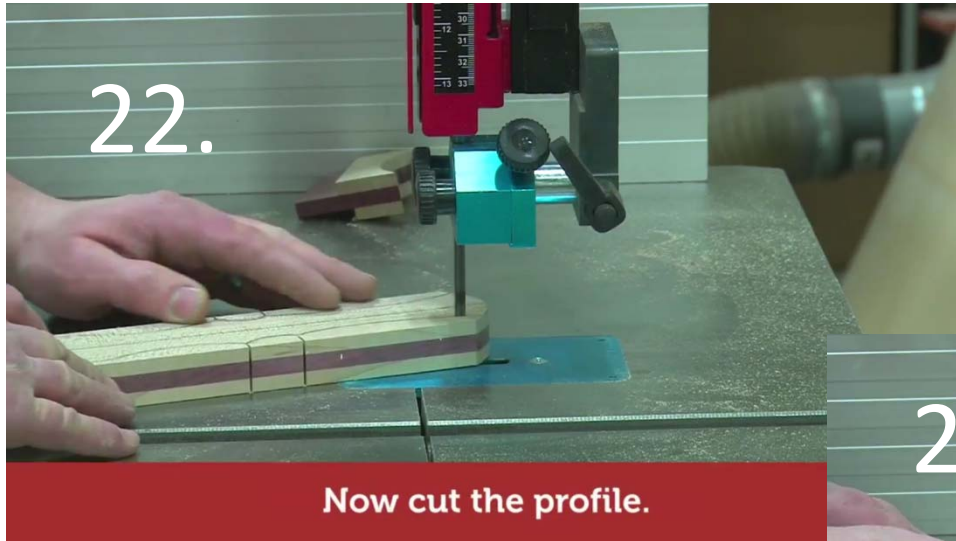
Let's work on the handle.
See links below for the pattern.

21.

Cut the ends first.



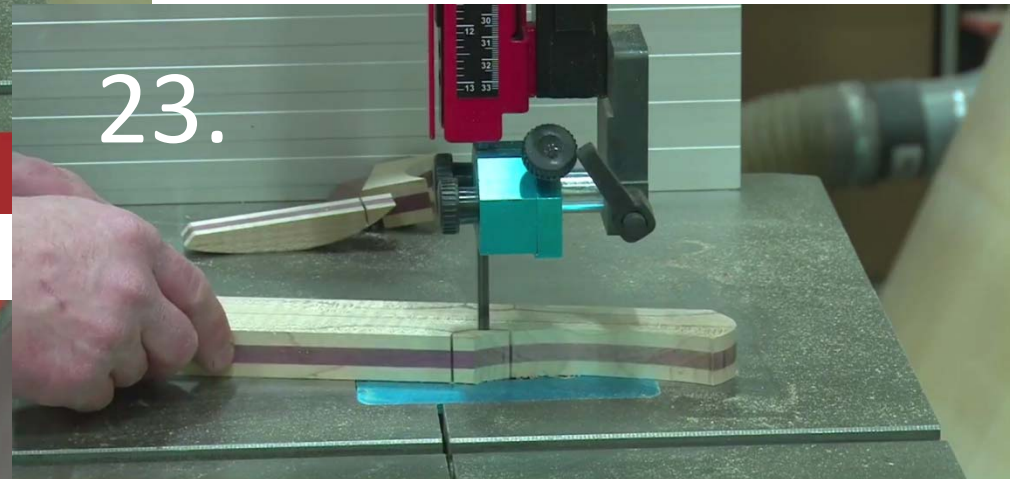
22.



Now cut the profile.

Step by Step

23.



The relief cuts make this a lot easier.
Clear those small off cuts with a peice of wood, not your fingers.

24.



Sand the saw marks off the ends first.



Step by Step

25.



Sand the profile with a spindle sander

26.



Clean up the handle taper with a block plane.

27.



Finish with some sand paper.



28.



Check how the handle fits.

Step by Step

29.



Chamfer the edges of the mallet head.
See link below.

30.



Run the end grain first, then the long grain,
for clean chamfers.



31.



Chamfer to top of the handle with your block plane to match the mallet head.

Step by Step

32.



Let's radius the edge of the handle for a comfortable grip.
See link below.

33.



Adjust your hand position to key a
safe distance from the bit.



34.



Time for a little sanding

Step by Step

35.



Three coats of Arm-R-Seal and this mallet is good to go.



Handle Pattern

