



# Board Replacement Procedures For Floating Non-Locking Engineered Hardwood Floors

November, 2023

# Tools



- Hammer
- Miter Saw
- Chisels
- Vacuum
- Circular Saw
- Angle Pliers
- Tapping Block
- 120-150 Grit Sandpaper
- Drill w/ 3/8" bit
- Block Plane
- Sanding Block
- Utility or Linoleum Knife
- Nail Set

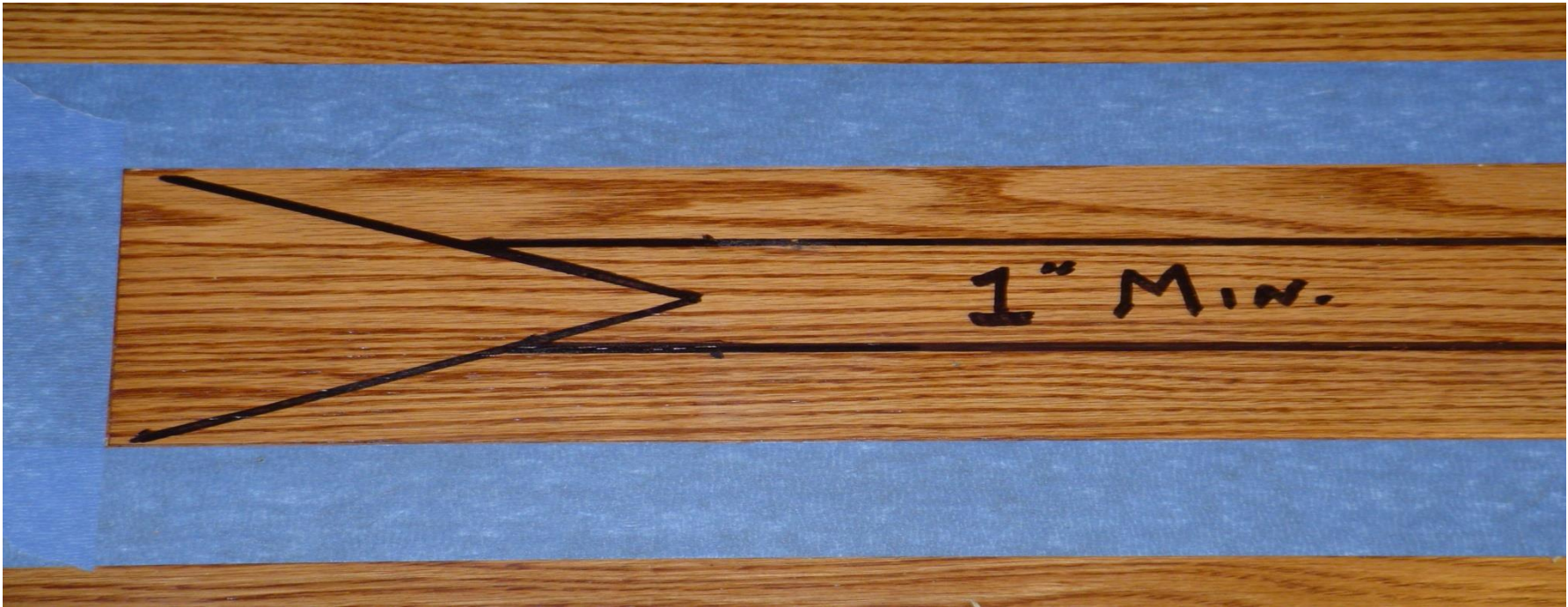
# Supplies

- Replacement Board(s)
- PVA Adhesive
- Underlayment tape or clear packing tape
- 2080 3M Blue tape
- 5 min epoxy(optional)
- Clean white rags
- Wood filler
- Underlayment
- Dry wall tape or newspaper



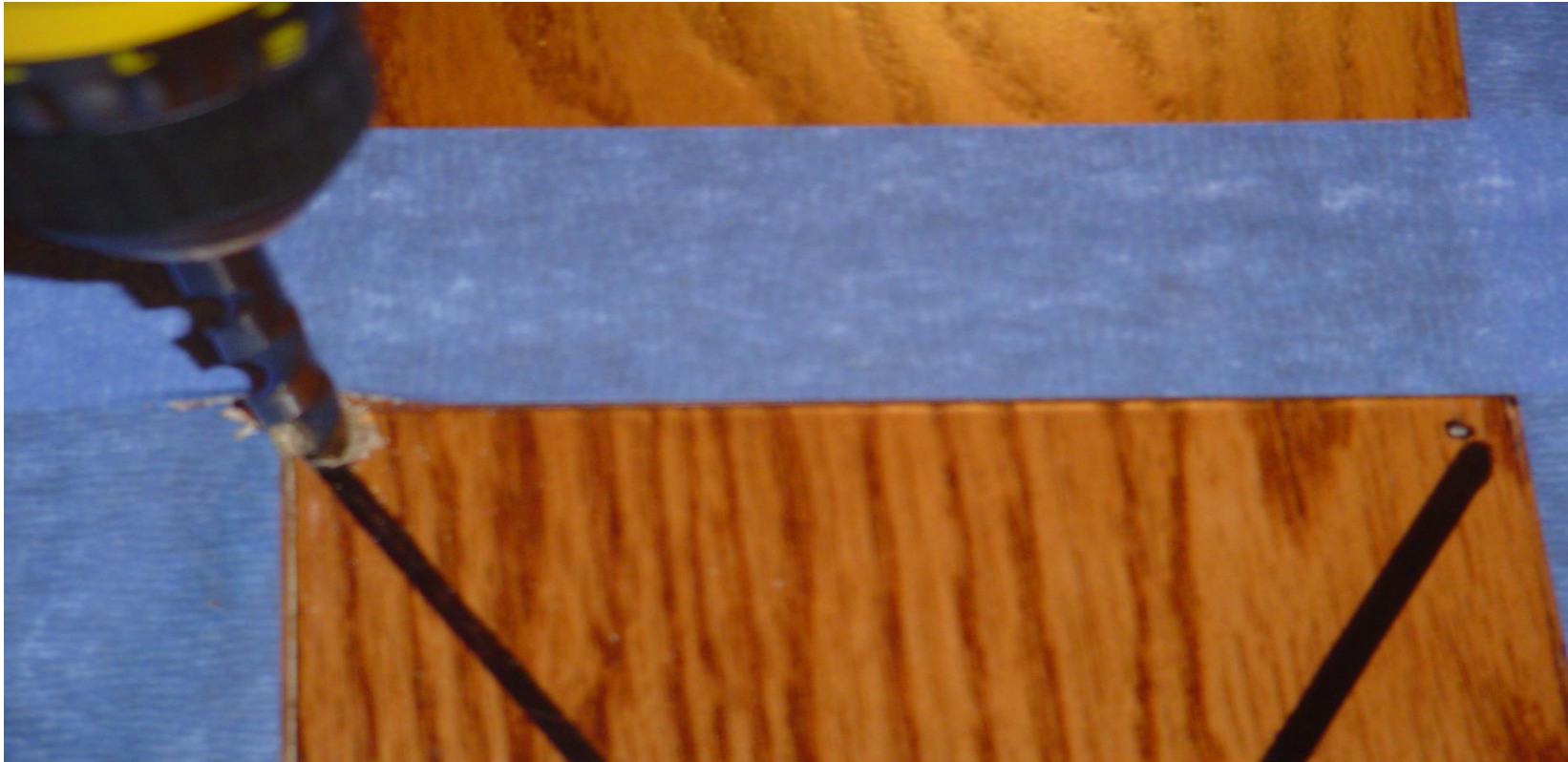
# Prepare the Damaged Board

1. Check replacement board(s) for damage, size, and fit.
2. Outline the damaged board(s) with 3M® - 2080 Blue tape. This will help protect the floor surrounding the repair.
3. Mark board(s) where it will be cut using a permanent marker. Leave minimum 1 inch center piece.



# Drill Holes

1. Drill holes in corners using the 3/8 inch bit.
2. Use a nail set or a pilot point drill bit to start the hole.



# Cut the Board

1. Set the circular saw to the thickness of the replacement board.
2. Make cuts using circular saw, starting from the center of the boards.
3. Cut along layout lines, stopping at drilled holes
4. Be careful not to cut into boards that do not need to be replaced.





# Remove the Cut Pieces

1. Align a tapping block over end joint of the adjacent board to protect it while removing the triangular piece. Placing weight on tapping block, grasp triangular piece with angle pliers and gently lift and wiggle until you break glue line. Repeat at other end of replacement board.
2. Using angle pliers, grasp edge piece and lift gently until you break the glue line. Pull piece inward towards the center.
3. Tip: A chisel can be used to drive piece inward towards center, if needed.
4. Clean glue residue from tongue and groove where the new board will be inserted and vacuum all debris.
5. Tip: Groove can be cleaned with 1/8" slotted or 7mm router bit.

# Cut a Template to Check Fit

1. Cut a short section of replacement board that retains side and end tongues. Use this piece to check the fit of the side and end groove in the existing flooring. Clean or correct the grooves if necessary.
2. Remove the blue tape and replace damaged underlayment and re-tape in place, if necessary.





# Cut Replacement Board

1. Measure and cut replacement board to length, removing groove end.



# Modify Side Groove

1. Remove bottom of groove edge on length of replacement board
2. Use either a router with a rabbet bit or a table saw.



# Modify End Groove

1. Cut off the bottom of the end groove to match the modified sided groove.
2. Cut it uniformly to prevent ledging (over-wood) after it is installed.





# Modify Corners

1. Remove corners at leading edge of the tongues to allow engagement of the tongue and groove.
2. Use sanding block with 120-150 grit paper to smooth your cuts.





# Apply Adhesive

1. Apply Adhesive to bottom of grooves and on top of tongues in replacement area.
2. Tip: Use a paper barrier to prevent the adhesive from bonding to underlayment



# Insert Replacement Board

1. Engage tongue side at the end tongue first.
2. Using tapping block, tap on ledged end (rabbet cut end) with care not to damage the replacement board.



# Complete the Job

1. Use a tapping block and hammer to engage the long tongue joint.
2. Then close up the end joint to complete the fit.
3. Using appropriate filler, fill any gaps.
4. Weight board with appropriate weight(s) overnight



# RESOURCES

AHF Products Customer Service Techline  
(866)243-2726 M-F 9:00 am – 4:30 pm, EST  
[ahfproductsupport@ahfproducts.com](mailto:ahfproductsupport@ahfproducts.com)

[www.floorexpert.com](http://www.floorexpert.com)