

M-Finger Fabrication Guide

1. Locate proper thumb location and flatten one inch diameter surface for lamination dummy



2. Install lamination dummy



3. Apply PVA bag over mold and prepare lamination materials



4. Apply second PVA



5. Laminate first layup



6. Prepare first layup for final lamination. Flatten distal end to allow M-finger plate to lay flat



7. Setup final lamination materials over M-finger plate



8. Seal off M-finger plate to eliminate lamination leaking into plate (clean clay or similar and then seal with tape)



9. Complete final lamination



10. Break out mold and prepare for assembly (Save thumb lamination dummy)



11. Drill 3/16" hole in the center of the 1" diameter thumb mount

12. Install thumb dummy into socket with washer side towards lamination



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13. Drill (2) 5/64" holes in between the 3/16" hole and the outer edge of the lamination dummy through lamination and thumb dummy (countersink to allow screws to lay flush with lamination)



14. Install thumb components (see thumb installation guide for further instructions)



15. Install fingers and secure in place with finger base mounting screws (91772A094). Secure cable guides in place making sure that the cables exit the finger through the center

