

Universal Cutting Template

Installation instructions

1. Position and attach the template

Thank you for purchasing Fastlane Audio.

Choose the horn location on the front of the baffle. Use the template's flat top and bottom edges and a square to align it.

Screw the template in place. Its mounting holes match the horn's holes, so no extra holes are needed.



Template secured to the baffle

2. Rough-cut the opening

Trace the inside edge of the template with a felt-tip pen, then remove the template. Remove most of the material with a jigsaw, scroll saw, or guided plunge router. Leave 1/8 to 1/4 inch of material inside the marked line for the router to trim.

3. Trim the opening to size

Reinstall the template. Use a flush-trim router bit with its bearing riding against the template to finish the opening. A top- or bottom-bearing bit can be used; a top-bearing bit is preferred when working on an assembled speaker. Remove the template after trimming.



Flush-trim bit



Opening trimmed to the template

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4. Route the recess for the horn flange

Install a 1/2-inch rabbeting bit. Set the first cut to approximately 0.15 inch deep—about half the flange depth. Make the first pass, then increase the total depth to approximately 0.30 inch and make a second pass.



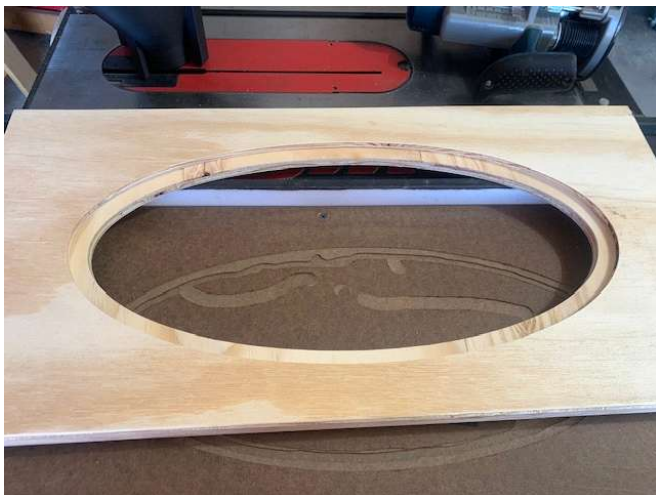
1/2-inch rabbeting bit



Router setup for the recess

5. Test-fit the horn

Test-fit the horn in the recessed opening. Make small clearance or depth adjustments as needed until the flange seats properly.



Completed recess



Horn fitted into the baffle

Enjoy the Tractrix Advantage.

Dave Harris | Fastlane Audio