

Improved Auxiliary Fence for Miter Gauge

The standard miter gauge that comes with most table saws is usually a little wanting when it comes to supporting stock for crosscuts. Especially when it comes to minimizing any tearout on the backside of the cut.

This auxiliary fence is easy to make and is a great use of scraps laying around the shop. Not just for table saws, this can also be for routertables, and bandsaws. So what do you need?



How about a length of scrap wood, here plywood. The Miter gauge, sandpaper and some fasteners. Start by dimensioning the scrap. The width of the board should be at least as tall as the miter gauge fence or taller. The length should be long enough to extend past the blade and up to 12-24 inches in total length.



Once the fence is cut to the correct length, next comes the sandpaper. I've attached the sandpaper to the face of the fence with a spray adhesive. The purpose of the sandpaper is to add a layer of friction that will help to hold the stock in place during the cut.



The sandpaper should be placed in a location that is approximately in front of the miter gauge fence. This is the optimal location. Next is to attach the fence to the miter gauge. This varies by miter gauge, so check with your manufacturer's recommendations.

Once the fence is attached make the first cut to define the finished length.



This finished edge will provide you with an support to decrease any tearout during cutting. You can add special touches like a measuring tape to make repeatable cuts easier to setup.

