

A Blade Holder For a Ryobi Reciprocating Saw, Version 1.0

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For years I have owned a real Sawzall and it has seen limited use. Yet I would not part with it. When it is needed, there is no substitute.

My two rather minor complaints are that sometimes I am far from an AC source so running a long extension cord is annoying. Secondly, the installed blade sometimes gets bent while in storage. If I remove the blade when not in use, I invariably get out to the job site just to realize I don't have a blade.

I just bought this Ryobi reciprocating saw for those times when there was no AC source at all. It seemed like a good time to try and address the bent blade problem.

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I noticed that the Ryobi label was in a nice deep, square pocket. I peeled back the label because gluing anything to it would just pull off the label.



I then epoxied a $1/16'' \times 1/2'' \times 1/2''$ neodymium magnet into the pocket.



Here is the blade I expect to use most often. It nicely fits down into this pocket. I can easily peel it out of there and install the blade in the saw. If the stored blade was hit hard enough, it would fall off rather than become bent.

This is far from a universal solution to my problem but might be good enough. Only by living with this saw and its modification will I know.

Publishing this idea has a powerful benefit. Others will look at it and suggest problems and improvements. In the end, we will all gain a better solution.

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