

# Scale Door Latches

Category: Scale Articles

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OK, so I have built scale operating door latches using springs, tubing, soldering and other materials.

They took time to design and more time to build. They work, but they are difficult to build and THERE IS A BETTER, EASIER, WAY.

I was taught that "simplicity is the greatest virtue of elegance". And I will describe the simplest possible way to do the doors, if you have them, that I have seen. By mounting a small, strong, magnet at the two aft corners of the doorway where the door will contact them when closed, and mounting a thin (tin) panel on the door, the door will be held firmly closed during and flight and will open with a tug on the scale door handle.

The only caution is that some of the very small magnets have tremendous pull and if you use a too powerful magnet it will be difficult to pull the door open. On smaller models a single magnet may be adequate.

I sure wish I had thought of this before I saw this method being used on an ARF!

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