

CONCEPT MODELS

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HOW TO MAKE WIRE STANCHIONS

With limited sources available for stanchions for model building, this instruction shows how to make stanchions for mounting hand and guard rails on tank and other type of model cars. This technique has been applied to HO models but the techniques remain the same but choices of materials may vary. K&S steel piano wire in .020" diameter is preferred for models that may be handled. Wire size .015" may be used where finer detail is desired.

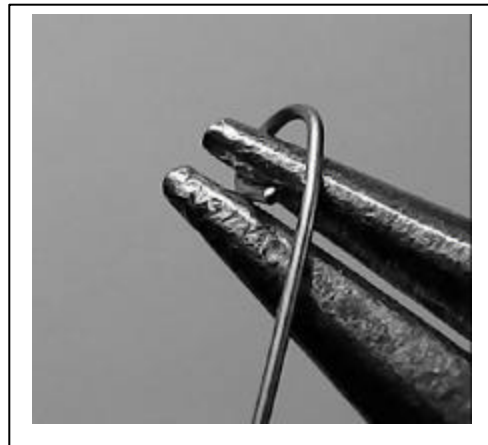
Tools

Ring pliers, needle nose pliers with serrated jaws, and a flush cutting type of wire cutter.

Music Wire .015" or .020" for handrails and stanchions.

FABRICATION

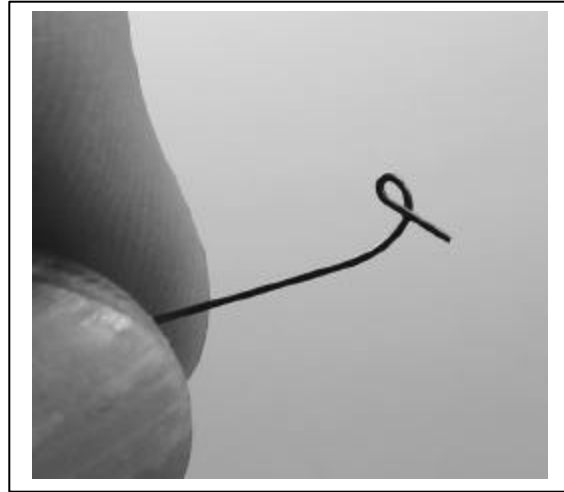
1 Make a loop at the end of a piece of music wire using a round jaw or ring making pliers. Make sure the wire overlaps and doesn't catch on the



2 Crush the wire loop with a serrated jaw needle nose pliers to the desired size eyelet.



3 The “squashed” eyelet should look like this.



4 Cut the “tail” of the eyelet with a flush cutting wire cutter.



5 Use the serrated jaw needle nose pliers to straighten the eyelet. The eyelet can be made smaller than the one shown by closing it more. Cut the eyelet to length. Install by drilling a hole for the eyelet. After adjusting for height apply a small amount of Super Glue by transferring a droplet to the shaft of the stanchion with a pin. The same technique can be applied to the eyelet after stringing the handrail through the eyelet.

