

Tool List for Modeling with the Masters Extra 2011 West NMRA Convention Sacramento

Building a White Metal Vehicle Kit

This is a suggested list of tools that may be required to participate fully in the hands-on portion of our program. In order to allow you to fully take part in building of models you are strongly suggested to have all tools listed. *You however, may not use them in the program, but will have them for future building.* Most of the tools listed can be found at your local hobby shop, hardware store or craft store. Bring any tools you usually like to use, but you may not use all tools listed. If you have any problems with the description of items listed please contact Clark Kooning, MMR, via e-mail at ckooning@msn.com, call at (416) 899-9041 or see address in *NMRA Magazine* masthead.

Required Tools Participants Must Provide:

Cutting mat (should be of reasonable size, about 12"x18") **This is a must item!**
X-acto knife with #11 blades or scalpel
Small Flat needle file
6" Flat file
Small Triangular needle file
Needle nose Pliers
Tweezers
Small modelers square (optional) or a cheap math set with 30/60 degree & 45 degree triangle (buy at dollar store or drug store)
0, 00, 000 paint brushes, 1 each **(Bristles should be sable, NOT nylon)**
¼" stiff nylon bristle brush (1 only)
Scale ruler in your scale (multi-scale ruler is best)
Metal straight edge, such as your scale ruler (or similar product)
Dental pick or similar type of tool (optional)
CA type glue, medium density
CA accelerator
Small pin vise (small drill) with at least 2 drill bits of each number: #55, #68, #70
Miniature Machinist's Vise ([Micro-Mark Item #60297](#)) would be a handy item, but not mandatory

Optional Tools:

Any other tools you usually use...

Optivisor
2" Machinist square
Extra work light (can be a big advantage depending on room lighting)
Extension cord and plug strip to plug everything in!

Your option!

A good way to carry all of these tools is to buy a small inexpensive plastic tackle box. These are usually available at department stores year round.

Please note an updated tool list may be sent to you prior

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