

# SDK Electric Motor Generator Kit Troubleshooting Hints

Project 6 - A Generator that Powers a LED



**DOWLING**MAGNETS®

# Troubleshooting Hints

## -SDK Electric Motor Generator Kit

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- Going Further – Increase the Power of your Generator, Page 82 of Project Guide

**If your board has only 5 holes you may need  
to add an additional hole to install the 3<sup>rd</sup> coil.**

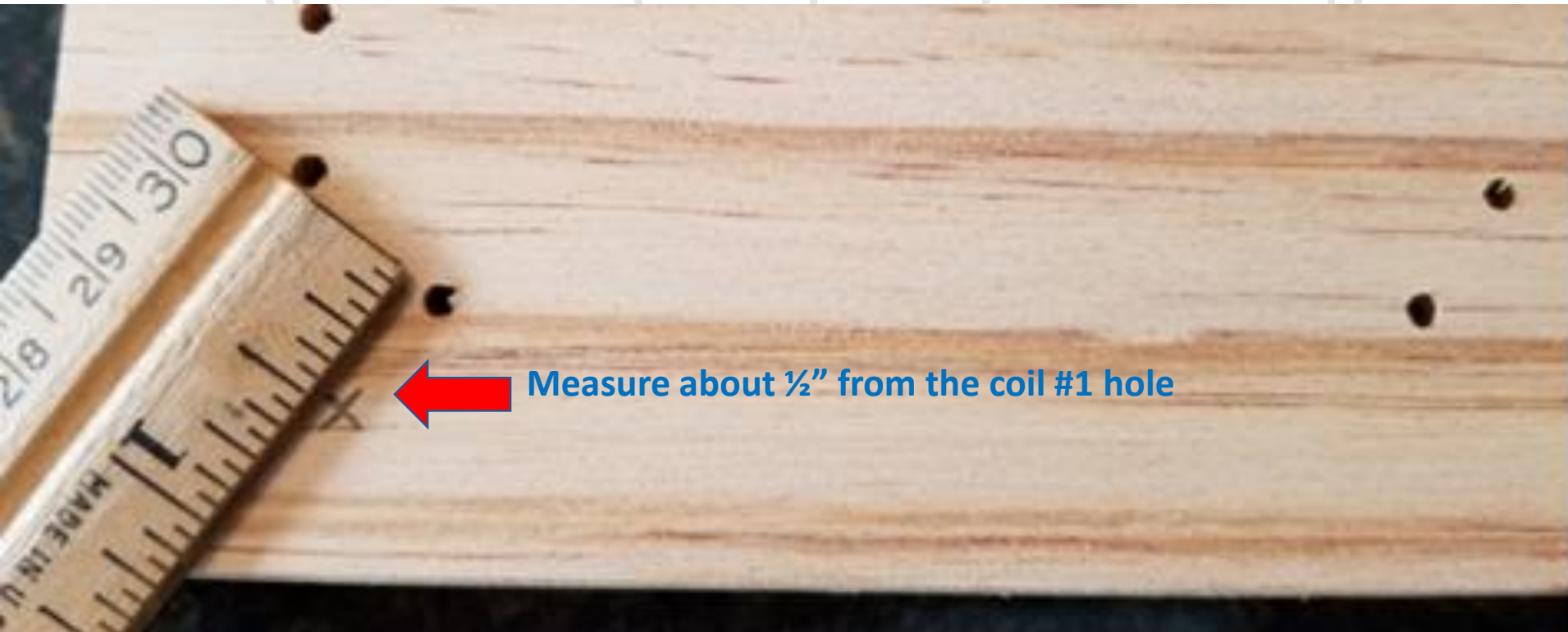


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**Use a small hammer and the large nail from the kit to make a “starter” hole for coil #3**

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**Finished !!!**



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You can use this process to add additional “starter- holes” to the board if you need to move the coils closer or further from the magnets rather than trying to re-bend the coils.

Move hole closer to center if the coil is too short





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Final set up with 3 coils

