Modular System Test

Created Two One (1) foot square pieces from foam insulation board. Glued foam core board on top of those. It’s just easier for me to write on the foam core board than the foam insulation board.

Created a small loop to represent the installation of the InvisaTrax™ Transport System.

The loop was tacked to the foam core board using 5/8” wire nails.

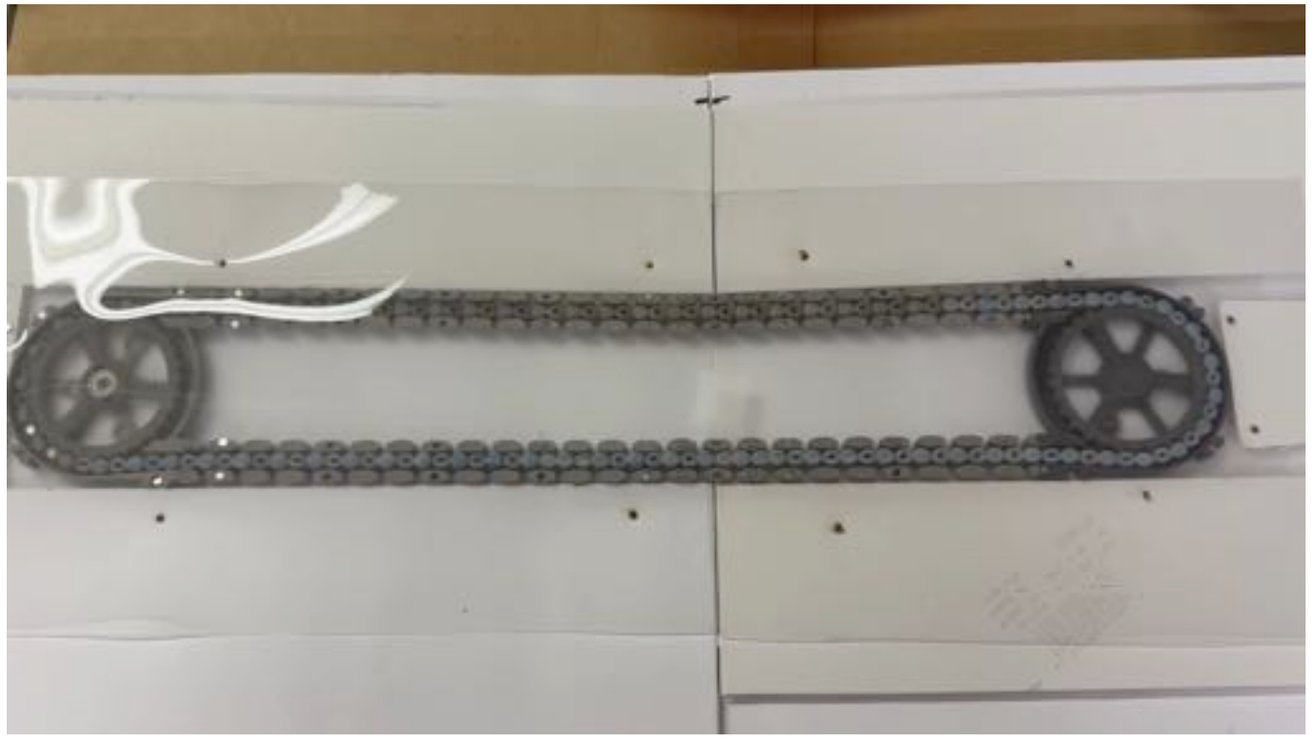
I used scraps of foam core board to build the ground up around the track.

I covered the track with clear polycarbonate sheets and tacked it in place with 5/8” wire nails.

I ran a test to make sure the chain was not catching on the break in the polycarbonate sheets.

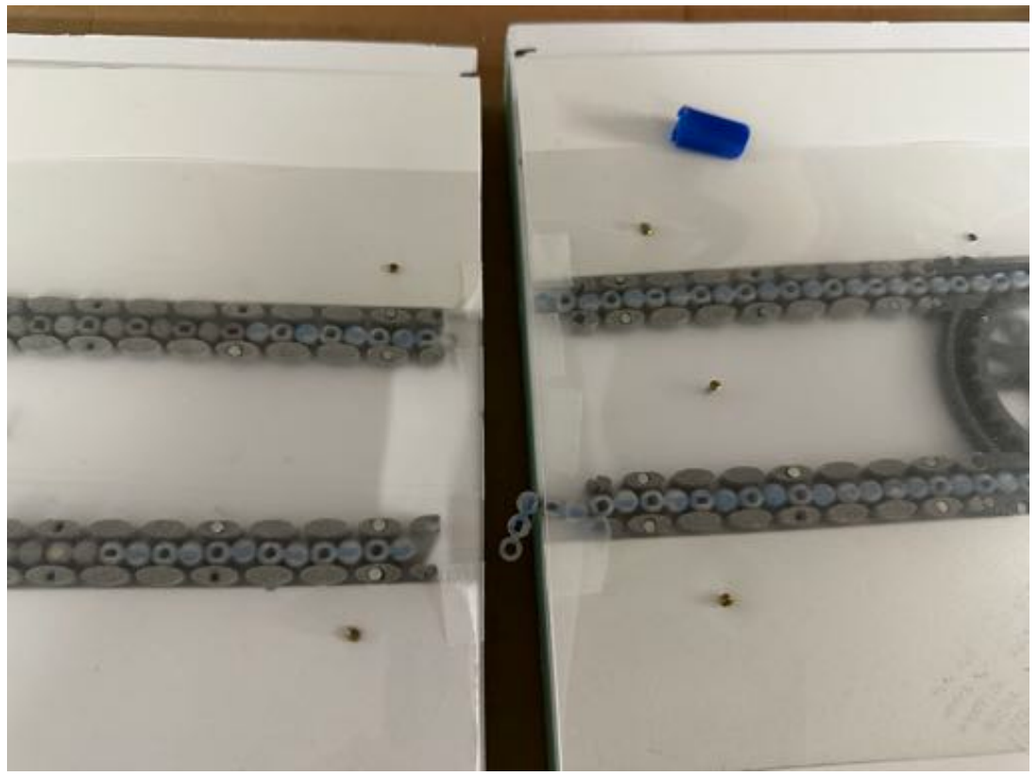
I put a couple of figures on the track and tested again.

The key to smooth operation is making sure the ground where the figures cross is flat. They successfully ran with and without tape over the division area.



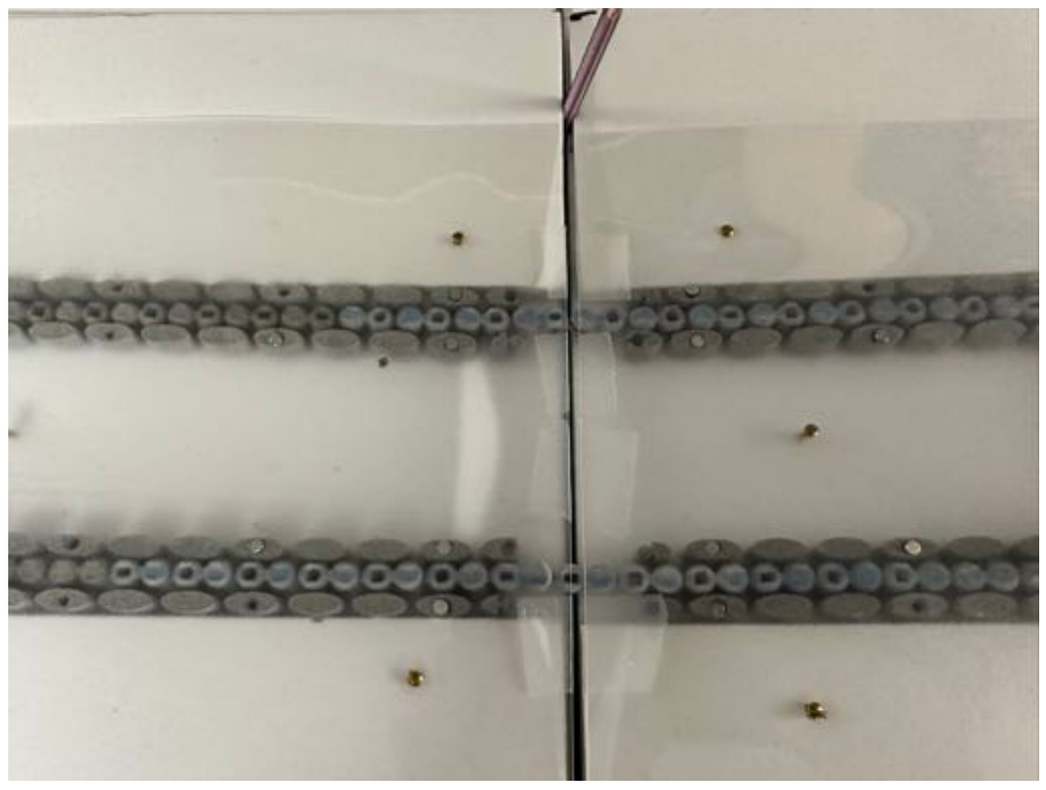
A small access space will need to present so the chain links can be separated.

I slipped a small flat blade screw driver in between the clear sheets and used that to separate the chain links.



I had initially used a 2 Unit track section over the dividing area and removed it to separate.

But then I did a test and our system will work with a gap in the track. So the track just needs to be laid up to the edge of the module.



I left the chains in each half while moving the pieces around the garage. They did not fall out.

To reassemble:

- Line up the modules. Connect them together (I just placed them next to each other).
- Connect the chain pieces.
- Make sure the travel path is smooth and even.
- Turn on the power and test. Re-smooth the seam if the item being moved gets hung-up.