

The Eight Position Edge Connector for Tortoise Slow Motion Switch Machine



Why did I get this styrene with my package of edge connectors?



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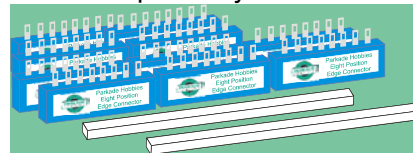
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All card edge connectors are manufactured so that extra space is left on each end. The tortoise machine is not designed to need all that space. If the Tortoise machine is installed in a place where it will remain free from vibration or jostling no modification is needed. Simply, line up the pins and connect.

The styrene strips included in your package, when properly installed, take up the extra space and provide a very snug fit that will ensure trouble free operation with a very good connection.

You have:

- 10 Pack Edge Connectors
- Two Strips of Styrene



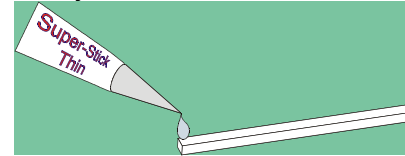
You need:

- Glue. *Any type of thin superglue will work well,*
- Hobby knife, Sprue Cutters, or scissors.



IMPORTANT: *The fit to the tortoise machine is dependent upon placing the styrene correctly, please follow instructions carefully to ensure connectivity to the switch machine.*

1. Place a small amount of glue on one end of a piece of styrene.



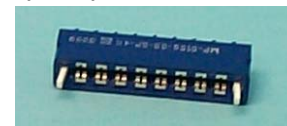
2. Insert the styrene into the extreme end of the edge connector. *This fit is vital. Place styrene so that the wider side is flush against the end of the edge connector. Styrene MUST be flush to end of edge connector.*



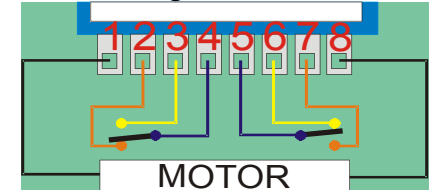
3. Cut the styrene strip flush with the edge connector.



4. Each Edge Connector will require two pieces of styrene. Repeat Steps 1 – 3 with the other end of the edge connector.
5. Allow edge connector to dry thoroughly. Now you can run your edge connector and tortoise machine without fear of a short.



Wiring Your Tortoise Machine with the edge connector.



The connections on the Edge connector are numbered 1-8 from left to right with the printed side up.

Connections 1 and 8 go to the motor. Solder the wire to the tab on the Edge connector in those locations.

Connections 2,3,4 and 7,6,5 make up two SPDT switches. They can be used to power the frog, signals, etc. Solder wires as appropriate for your application to the tabs on the edge connector.

Finally, slide the edge connector onto the Tortoise machine. It will be a snug fit use care, but push firmly. (If you did not make the modification to the edge connector, make sure all tabs are aligned correctly.)

The next time you modify your layout, you'll really appreciate the ease of use with the Edge connector. We hope you enjoy it.

If you need additional assistance feel free to call Bob at (509)585-2510. The store is open M-F 10A-5:30P and Saturday 10A-4P