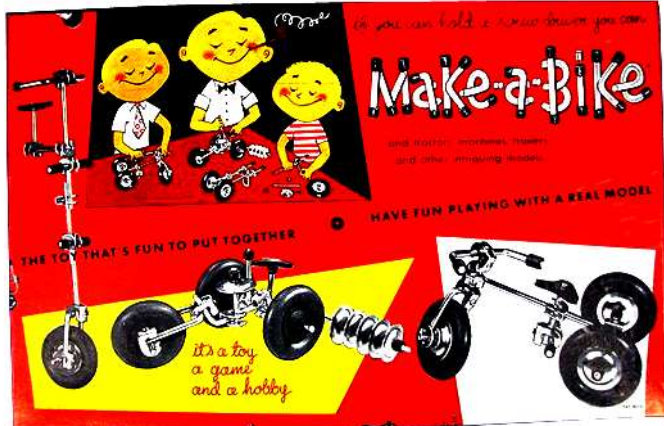


'New' System: CASTCO's MAKE-A-BIKE MAKE-A-BIKE (MaB henceforth) is similar to LIL 'N-GINEER (see 27/780), in that both use Rods and Clamps as the primary parts. An unused set has been seen on Ebay and Kendrick Bisset kindly sent details of a complete set of parts and a model leaflet that he had acquired. In the Ebay ad it was said that MaB was made by Castco Inc., Long Island, N.Y.

The Set. The Lid below scales at, very roughly, 15*10",

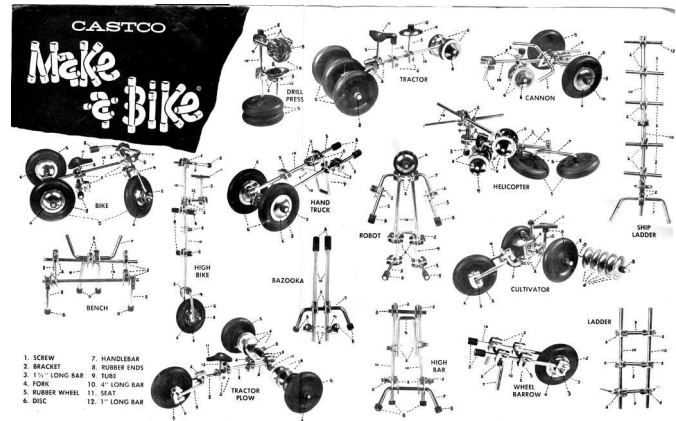


and the details of the maker are probably on its aprons. The parts fit into holes or recesses, mostly individually, in a white formed tray, probably made of cardboard, with PNs alongside them. Also printed on it are sketches of the Unicycle & Trike models that are on the lid, with some of the parts positioned over them, and 6 drawings showing how to make the Trike.

The parts are listed below with the names as per the Model Sheet, plus their quantities and notes on them in curly brackets. They are shown in Fig.1a with, for comprison, some of the LIL'N-GINEER parts in Fig.1b (below the white line).

- #1. **Screw** {9. 8-32 Set Screws for the Clamps with small diameter cheeseheads.}
- #2. **Bracket** {9. J-Clamp. It is not as well designed as the LIL 'N-GINEER version which can hold three Rods, the MaB only two. Also the jaws of the MaB part are shorter and not so snug on the Rods, so a Rod placed perpendicular to one in the bottom of the Clamp can swivel quite a bit more than in the LIL 'N-GINEER part.}
- #3. **1 1/2" Long Bar** {4. Rod, 0.148" (3.76mm) dia. (as are all the 'rod' parts)}.
- #4. **Fork** {1.}
- #5. **Rubber Wheel** {3. 1 3/4" dia.}
- #6. **Disc** {6. 1" Ø. Discs fitted to either side of the Wheels look quite nice, providing attractive 'hubcaps', and as can be

- seen in the models below, they are sometimes used on their own as wheels.}
- #7. **Handlebar** {1.}
- #8. **Rubber Ends** {11. Axle Stops.}
- #9. **Tube** {1. A Rod Connector.}
- #10. **4" Long Bar** {2.}
- #11. **Seat** {1. Rubber.}
- #12. **1" Long Bar** {1.}
- A **Screwdriver** with a translucent yellow plastic handle.



The **Model Sheet**, above, is about the size of the box, & of its 16 models the best are the 3 on the lid. The centre one of these is shown below, and right, one of the better static models, both about natural size. Also below, Kendrick's Bike (Trike). He wrote "Building the model was a bit frustrating. The 1" Rod, used for the front axle, was barely long enough even after the Clamps and Fork had been bent to reduce their widths. None of the right angle joints were truly right angle because the Set Screws have pointed ends and the Rods were forced out of alignment when the Screws were tightened. In the end, the assembly was so fragile that I was afraid to move it much to photograph it. Certainly it would not survive being played with."

