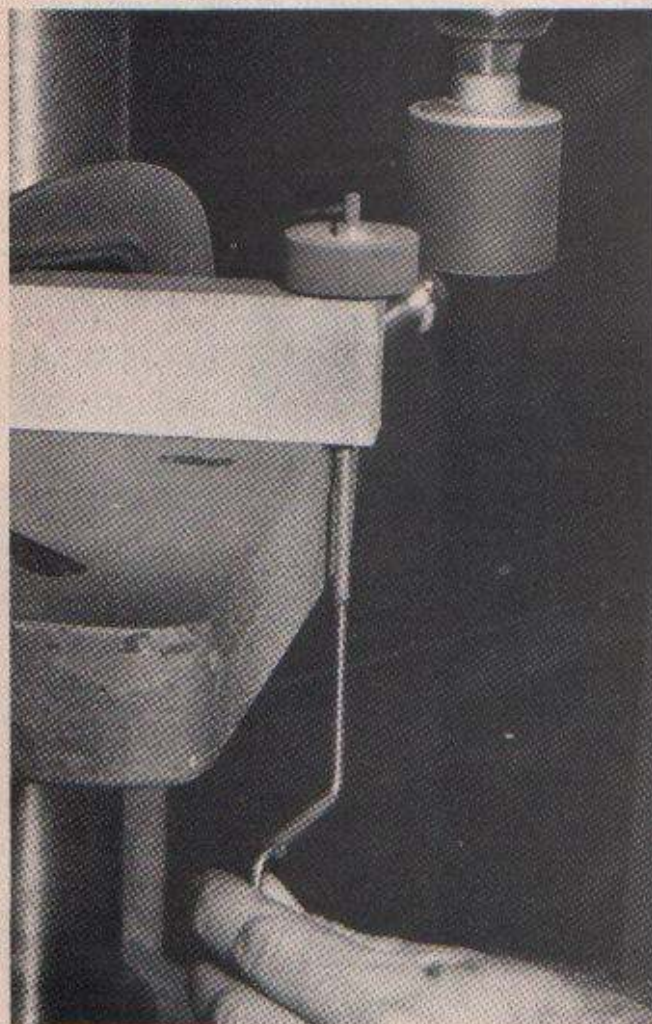
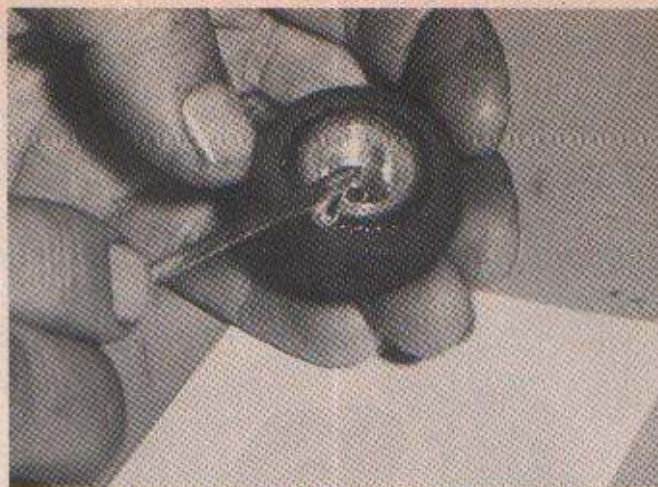


**10)** I took a piece of aluminum bar, clamped it to the drill table, drilled and reamed a  $\frac{5}{16}$ -inch hole in the end of it. Next I installed two  $\frac{3}{8}$ -inch bearings in each end of the hole and then installed a  $\frac{1}{8}$ -inch drill rod in the bearings and then soldered a small handle to the lower end of the drill rod. The upper end has a flat ground on it for the wheel set screws. The drill rod in the bar will be exactly parallel to the shaft in the drill press.

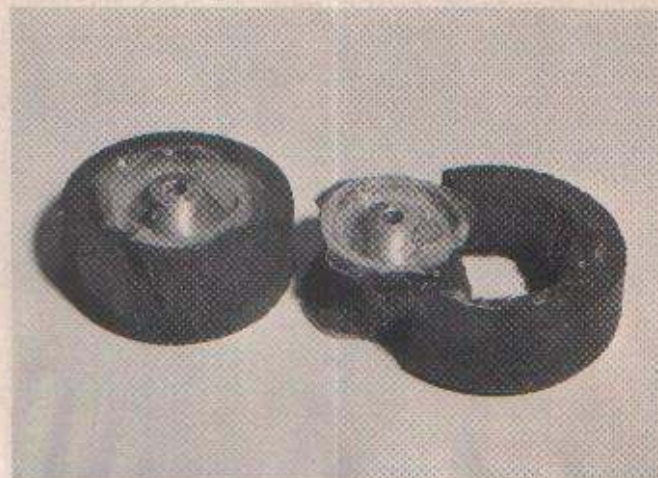


**11)** Using a  $1\frac{1}{2}$ -inch sanding drum with very fine sandpaper and the drill press set on the fastest speed, the tires are then cut to the  $1\frac{3}{8}$ -inch diameter. Each tire will be cut to the exact size as the next one as long as the bar or table is not moved. Turn the tire at a steady rate, and so that the contacted surfaces of the tire and sandpaper are in opposite directions. After all the tires are cut, place a piece of  $\frac{1}{8}$ -inch drill rod in the drill chuck. Attach a finished tire to the rod, and using a sanding block, very gently, slightly round off both of the sharp corners.

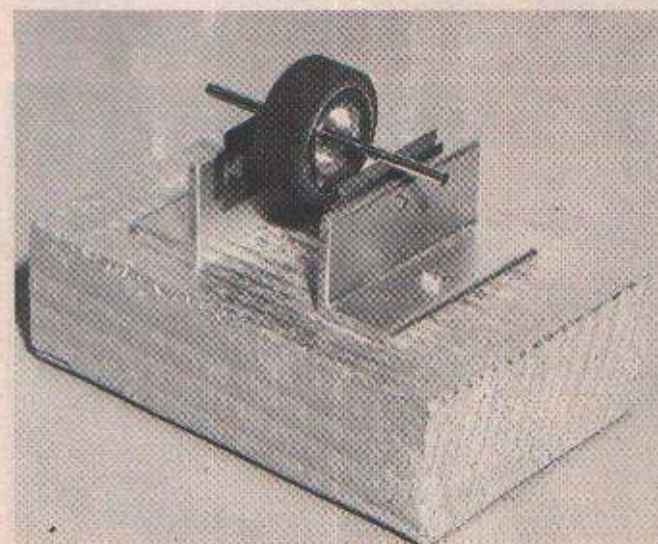
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**12)** After the tires are cut to size I add another bead of epoxy to each tire sidewall and wheel to keep the tires from pulling loose. This is not necessary for the Gas Top Eliminator cars because they do not turn the same high rpm that the fuelers turn.



**13)** This is the result of fantastically high rpm turned by unlimited class cars and some fuel class cars. I've had three tires blown completely off the wheels. Actually, it isn't a case of epoxy not holding, but the rubber itself just came apart. This can become very discouraging seeing your best tires end up like this. **BUT THE FASTER YOU GO THE MORE PROBLEMS YOU'LL HAVE.**



**14)** Balancing the tires is another step that will enable that high rpm. Do not try to balance the tires by removing some of the rubber on the heavy side. The rubber should remain as uniform as possible. If you have an excess of epoxy on the tires you can remove some of it, or add some to balance the tires.