

Tank Car

Tie Owner Mike built a tank car from scratch. He used a G Gauge tank car as a pattern.



The tank was made from surplus PVC pipe. The proper length was cut from the pipe. The ends of the pipe were squared with a router and a special wood fixture.



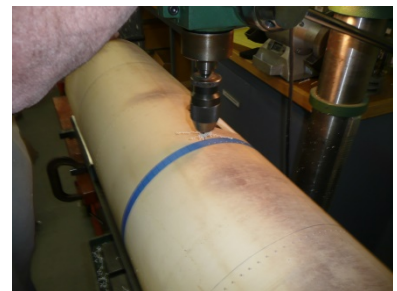
A counter bore was cut into the end of the pipe to allow the spherical tank end to be attached.



After both ends were machined, the tank was put in a rotary head milling machine and the dome hole was cut.



Masking tape was marked every $\frac{1}{2}$ inch to locate rivets around the periphery of the pipe and drilled on a rotating fixture on the drill press.



The spherical tank ends were made from hub caps purchased from Summit Racing Equipment. The tank counter bore was measured. The hub cap was mounted on a rotary table and cut to the required diameter.



The tank ends were bonded into the tank counter bores. The car was painted, lettered and put on the track.

