

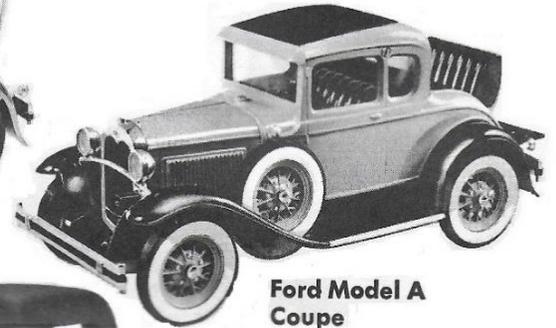
Gabriel

Hubley

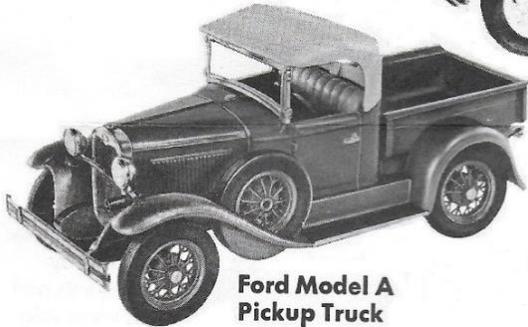

Scale Models
Division of Joseph L. Ertl, Inc.



**Ford Model A
Roadster**



**Ford Model A
Coupe**



**Ford Model A
Pickup Truck**



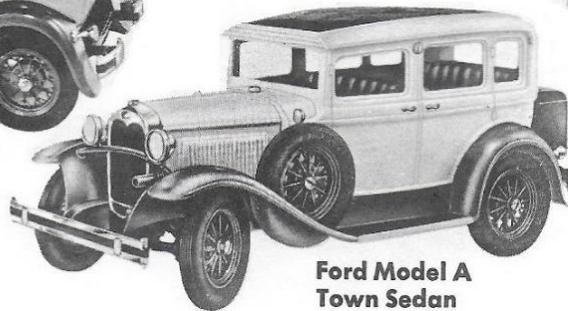
**Ford Model A
Victoria**



**Ford Model A
Station Wagon**



**Ford Model A
Phaeton**



**Ford Model A
Town Sedan**

Hubley Derby Racing Rules

- The cars must be metal 1:20 scale models made by Hubley, Gabriel, or Scale Model.
- Any one of the seven Model A body styles may be used;
Roadster, Coupe, Pickup, Victoria, Station Wagon, Phaeton and Town Sedan.
- Cars must be stock including the original tires, wheels, and axle screws.
- The weight of each car can be no more than 21 ounces (station wagon weight).
A small amount of leeway will be allowed due to fluctuation of scales.
- Weights added must be permanently secured, not loose in the car.
- Steering may be secured or loose at the modeler's discretion.
- The original front bumper must be in place to properly fit the starting gate.
- A dry lubricant (powdered graphite) is allowed.
No wet oily substance that could drip on the track please.

Background

The Hubley Company of Pennsylvania made accurate metal replicas of Model A Fords and other cars for many years. There are seven Model "A" Ford body styles available: Town Sedan, Station Wagon, Coupe, Roadster, Pickup, Victoria, and Phaeton.

One day many years ago, someone got the idea that it might be fun to "race" these model cars like Boy and Girl Scouts at a "Pinewood Derby". Initially appearing at local and regional MAFCA events, the "Hubley Derby" came into the national spotlight when it was an official event at the 1994 Tacoma MAFCA/MARC National Meet.

Over the years, three separate manufacturers have taken over production of these model kits; Hubley, Gabriel and Scale Model. All the parts are interchangeable between them, and they are equally suitable for racing. The model kits are no longer being produced today, but the original Hubley, Gabriel and Scale Model kits can still be located at swap meets, antique stores and at online sites like eBay.

The kits contain several metal body castings and an assortment of plastic parts. It does take some time to clean up all the pieces and paint them, but the results are well worth the effort. This is a great family participation project for the younger members, as everyone who races a car must be involved in some part of the building of it. And for those of us living in a Northern climate, what better way to chase away the winter blues than playing with toy cars.

Hubley races are a great participant and spectator sport. Crowds really get involved in the runoffs and cheer for their favorites. The format is side by side racing on a forty-foot, two-lane track. Elimination races in a bracket format continue until the age group champion is finally crowned. Some of the fiercest competition is in the 18 and over age group.

Technical Tips for Builders

It is very important to make sure the inside surface of the wheel hubs are smooth so they turn freely against the brake drums. The outside of the brake drums are sanded smooth to remove any casting seams so the wheels will spin freely. Dry lubricants such as powdered graphite will help to make the wheels spin freely. This is important because some cars will run as if the brakes are dragging if that step is neglected.

When assembling the front end, insert the screws which hold the tie rod on from the bottom rather than from the top. This will allow the front wheels to be locked in a straight-ahead position without having to remove the body. It may take some adjustment to get the wheels pointing straight. Whether the front wheels are locked straight ahead or able to turn easily is up to the individual racer.

The overall weight of the car is critical for a gravity racer to be competitive. Make sure the car is as close to the maximum allowed 21 ounces as possible. Any weights added must be permanently secured in the car.

Have Fun, it's a toy car after all.