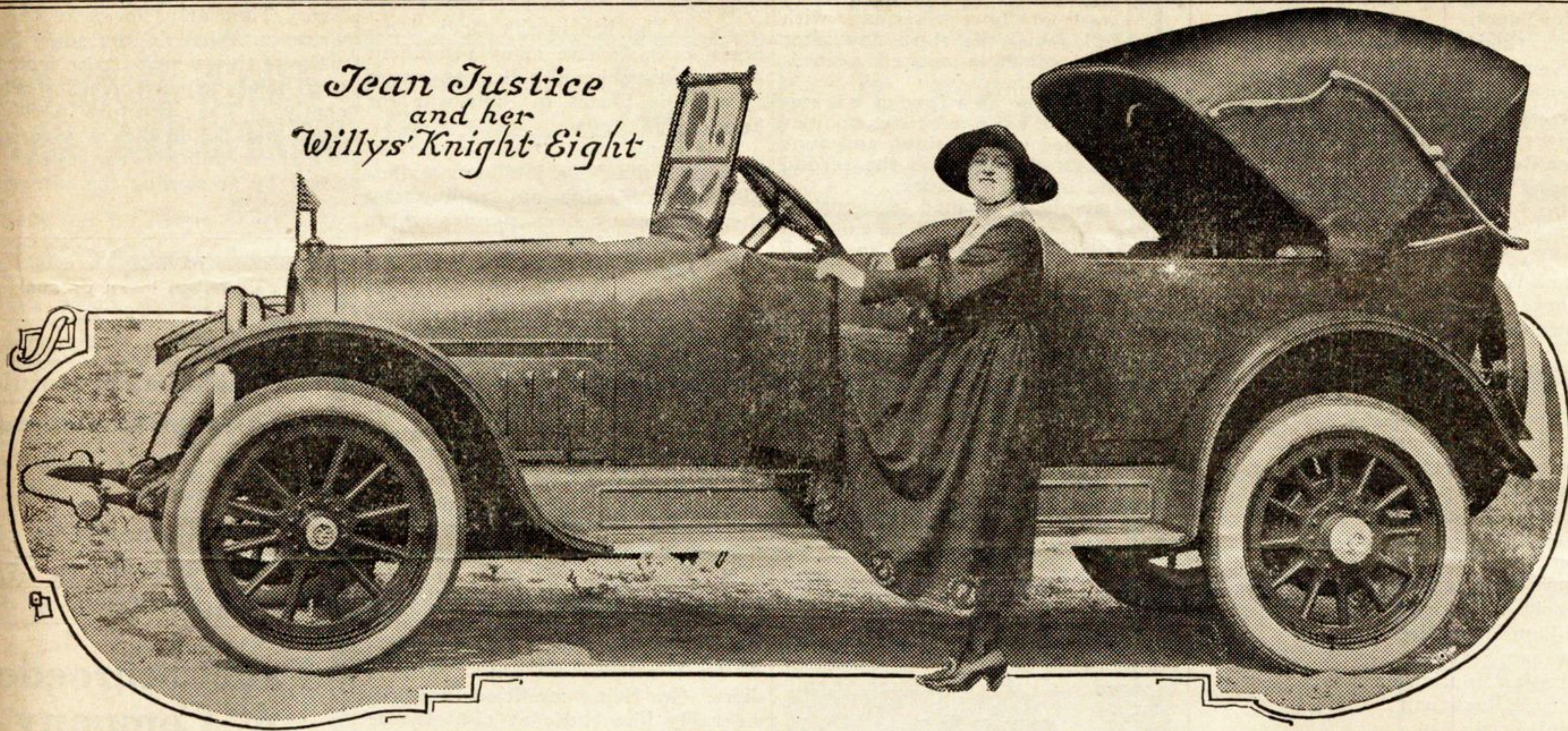


Jean Justice Sets Style at Sheepshead Bay with Timely Color Scheme used on Willys-Knight at Eastern Fashion Exhibition

Jean Justice and her Willys' Knight Eight



World war effects are being reflected not only in automobiles, but in their upholstery and in the appareling of chauffeurs and footmen. The militaristic tendency was most noticeable at the Automobile Fashion Show at Sheepshead Bay in the

Willys-Knight car entered by Jean Justice.

This car was the newest example of the forthcoming style and might have been designed for the commanding general of the army so studiously did the designers and dec-

orators adhere to the khaki color scheme.

The car, an eight-cylinder Willys-Knight touring model with Victoria top, was of two-toned tan, the body and running gear being of a lighter shade than the Victoria top.

Inside, the car was finished in olive drab with chauffeur and footman in olive drab liveries.

This car attracted much attention, not only from the army people in attendance at the show, but from society people as well, because of its unique and timely color scheme.

APPOINT COOK COUNTY COUNSEL FOR HIGHWAYS

Ralph McEldowney Receives Official Appointment to Board.

Ralph McEldowney of Chicago Heights, Ill., has just received the official appointment of Cook County consul of the Lincoln Highway association. Mr. McEldowney has served the organization as Chicago Heights local consul for a number of years and has been instrumental in securing the interest and attention responsible for numerous improvements on the route in his locality. The appointment comes at a time of special importance in the forwarding of Lincoln Highway interests in Cook county, as four and one-half miles of permanent improvements are being placed upon the route to the west of Chicago Heights running to the county line. One mile of this work is to be completed with cement contributed by the Lincoln Highway association under the "seeding mile" plan. B. H. Vanatta of Chicago Heights, an enthusiastic co-worker of Mr. McEldowney's, succeeds the latter as local consul at Chicago Heights.

Building Planes.

It has been found that at least a half dozen of the big automobile factories of America are able to build the highly specialized French airplane engines. It is the idea of engine experts that machinery for airplane motor construction soon will be perfected to a point where it will be possible to turn out engines in great numbers. It is believed at least 25,000 engines will be ordered under the present appropriation and that 25,000 airplanes will be built within this appropriation. At the end of six months the capacity to turn out airplanes will be limited, in the belief of experts, only by the amount of money available.

Army Shoes.

It is announced that a contract for 2,000,000 pairs of army shoes has been placed with American manufacturers for the account of the Russian government.

Wooden Ships.

William Lorimer is negotiating with the shipping board for contracts for the construction of half a dozen wooden ships by his lumber company at Jonesville, La.

Paint from Beans.

A paint that is said to be both fire and water proof is made from the oil of a bean grown in Manchuria.

COOLING SYSTEM IS BIG MOTOR PROBLEM

C. L. Hedges of the Haynes Automobile Company Explains How the Cooling System Should Work.

AVOID ENGINE TROUBLES

Recommends Solution for Cleaning Cooling System of Cars.

Understand thoroughly the cooling system of your automobile, is the advice of C. L. Hedges, manager of technical service of the Haynes Automobile company, who say that a half-baked knowledge of this phase of motor car mechanism often results in perplexities that otherwise well might be avoided.

"The cooling system on the Haynes 'Light Twelve' is of the forced circulation type, with a capacity of seven gallons, and the water is propelled by means of a centrifugal pump," says Mr. Hedges. "A thermostat, in the water pump intake pipe, controls a valve which permits the water to circulate through the cylinder jackets so that the motor is operating at the most favorable temperatures at all times. The thermostat is similar in appearance and principle to an accordion, and is filled with a liquid which vaporizes on being heated, the pressure that this gas exerts on the retaining walls causing elongation."

Cleaning and rinsing the radiator is an operation which no motorist should neglect, says Mr. Hedges. It is best done by circulating city water under normal pressure through the motor packets and radiator in the reverse directions to the circulatory action of the pump; that is, the water is forced from the bottom of the radiator to the top and from the top of the cylinder jackets to the bottom. In the case of the cylinders, the connection must be made so the pump is not in the circuit, as this will offer a resistance to a free passage of the water.

To clean out the cooling system, Mr. Hedges recommends a saturated solution of common washing soda. The solution should be put in the motor when it is warm, and the motor run until it is thoroughly heated. After giving sufficient time for the solution to act upon the deposits, it should be drawn off and the system thoroughly washed out.

Magneto Brushes.

The powdery abrasions coming from worn magneto brushes, when mixed with oil, will serve to short circuit the electric current and the result will be irregular firing. The magneto needs an occasional cleaning.

Motor Events

- August 17—Track—Flemington, N. J.
- September 3—Track—Albuquerque, N. M.
- September 3—Speedway, Uniontown, Pa.
- September 3—Speedway—Uniontown, Pa.
- September 6—Track—Red Bank, N. J.
- September 8—Hill climb—Pike's Peak, Colo.
- September 15—Speedway—Providence, R. I.
- September 22-9—Ford accessory show—Chicago.
- September 28—Track—Trenton, N. J.
- September 29—Speedway—New York, N. Y.
- October 6—Speedway—Uniontown, Pa.
- October 6—Track—Danbury, Conn.
- October 13—Speedway—Chicago.
- October 27—Speedway—New York, N. Y.

Hawaiian Traffic.

Registration records of the Island of Oahu, Hawaiian Islands, on which the city of Honolulu is situated, show that 500 motorcycles are in commission there. With the exception of a few scattering machines, all are of American make, with Goodyear tires predominating. Traffic regulations are similar to those of the Pacific mainland cities, with outlying districts patrolled by motorcycle policemen.

PROPOSE NEW HIGHWAY TO REDUCE ACCIDENTS

California Officials Plan Turns at Railroad Crossings.

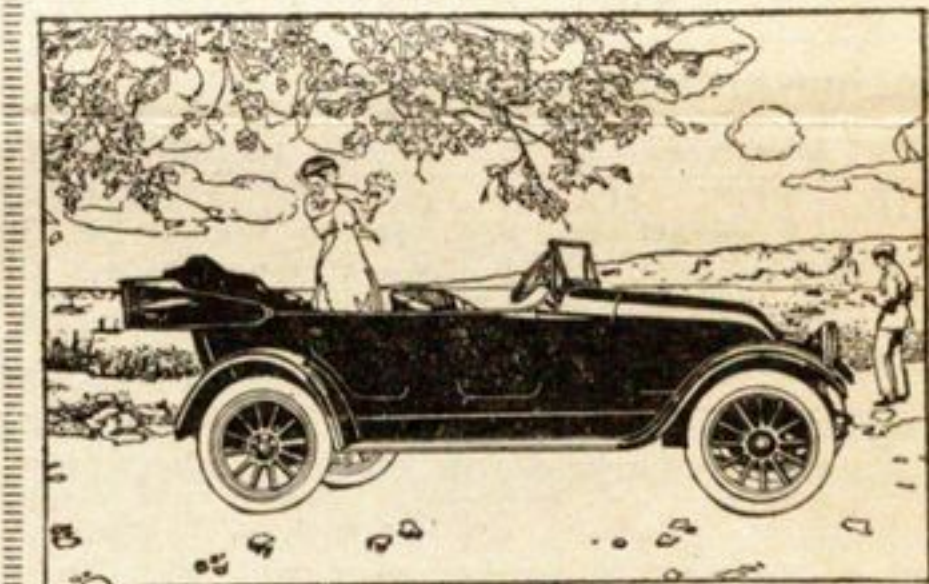
Repeated investigation of accidents at places where highways cross railways at grade show that many of these accidents are due to the failure of drivers to slow down as they approach the crossings. For this reason some public officials believe that the roads should be so constructed that drivers must reduce speed to a low rate. The California railroad commission has recently sent a number of cities and counties six plans for accomplishing this, with a request that they be tried or at least criticized. In each case there is a conspicuous signal or sign in the middle of the road near or at the crossing, and the driver must swerve to one side to reach the track. In some of the plans the driver must make an abrupt right-hand turn and another left-hand turn before the track is reached, so that slowing down is compulsory and not voluntary.

Entries for Climb.

Aussurance of entries for the Pike's Peak hill climb to be held September 8 have been received, according to reports from Colorado Springs, from the Hudson and Chalmers companies of Detroit, the Roamer of Battle Creek, the Mercer of Trenton and many more. All motor car makers have been communicated with. The contest this year will be twelve miles to the summit of the peak, 14,109 feet, and will be open to stock cars only, according to reports.

Comparative Costs

- The average fine automobile runs six to eleven miles on a gallon of gasoline.
- The Franklin car runs twenty or more miles on one gallon of gasoline.
- The average car runs 3,000 to 6,000 miles on a set of tires.
- The Franklin car runs 12,000 to 25,000 on a set of tires.
- The water-cooler car freezes up in winter and over-heats in summer.
- The Franklin car never freezes up or over-heats.
- The body and fenders of other cars soon rust, as they are made of iron.
- The body, hood and fenders of the Franklin car never rust, as they are made of aluminum.
- The tires on other cars require 80 to 90 pounds air pressure, therefore ride hard and puncture easily. The conservative



estimate being one puncture to each 1,000 miles. The tires on the Franklin car require only 40 pounds air pressure, therefore ride much easier and average less than one puncture for each 10,000 miles. Try to sell a heavy water-cooled car that has been used one season and you are lucky to get 50 per cent of what it costs you. Offer a Franklin car for sale that has been run one season and there are plenty of buyers for it at 20 per cent less than cost.

C. E. BRIDGES

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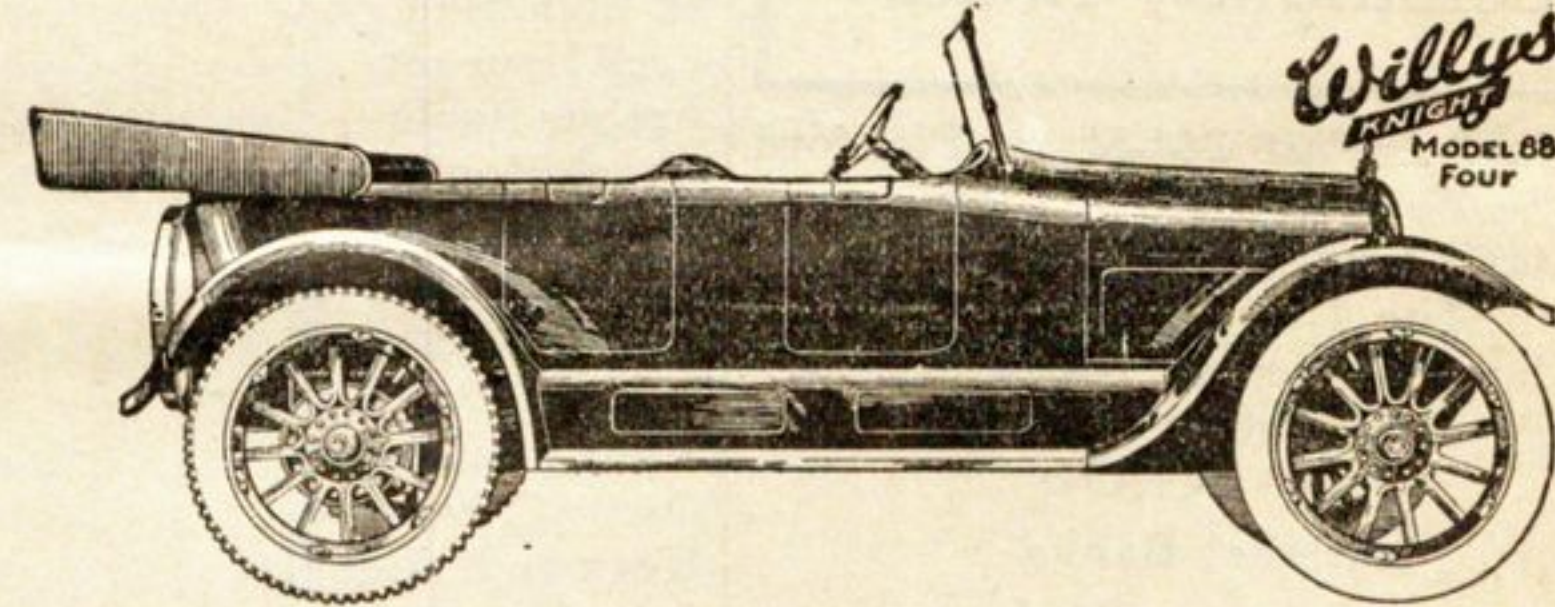
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