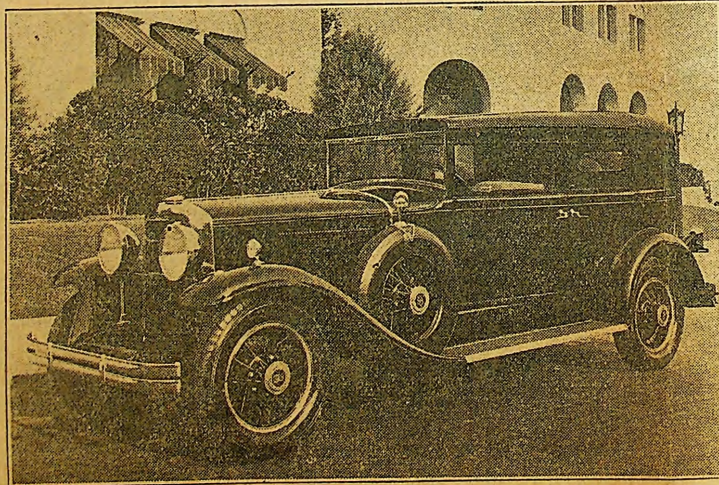


H. A. Dougherty Features LeBaron Body on Graham-Paige 8 Chassis



—Photo by Harvey Patterson.

Exclusive style is evident in this Graham-Paige eight sedan, with body by LeBaron. It is now being displayed by H. A. Dougherty Motors, Graham-Paige distributor here. It is powered with the well known Graham-Paige straight motor on a wheelbase of 137 inches. It also has the Graham-Paige 4-speed transmission, with two high speeds. Upholstery and interior appointments are of unusual design and quality.

been able to make a variety of articles from the formerly waste gases of gasoline cracking plants. Cosmetics and pharmaceuticals, lampblack and hydrogen are in the list.

It is estimated there is available

Packard Sun Shade Helps

sun they can be lowered to any position before the eyes of the driver and front seat passenger. They make the heretofore useful but somewhat unsightly car visors

RUBBER PRICES

Upward Revision of Tire Prices Is Being Discussed

Survey of the rubber industry has convinced a newspaper financial editor in the rubber capital of the world, of the correctness of the recent prediction by W. O'Neill, president of the General Tire and Rubber Co., that tire prices soon will be higher than they are now.

"Motorists who have been riding on low cost tires for more than a year may have to pay a higher price when they return to the market for replacements," says L. C. Croy, financial editor of the *Arkon, Ohio, Beacon Journal*.

"Possibility of a general upward revision in practically all lines is being discussed in rubber circles and an important announcement concerning the new price lists may be forthcoming before Nov. 1."

Pres. O'Neill said recently that tire prices are the lowest they ever have been, being based on low contracts for cheap cotton and, principally, on the very low average cost of rubber.

O'Neill pointed out that the consumption of crude rubber is now catching up to its production at capacity and predicted that within a year tire prices would be higher because of higher crude prices.

"It is expected that prices of crude rubber will advance as soon as consumer buying begins," the *Akron financial editor* says. "Cotton has been advancing steadily and the crop in some states may fall considerably short of the government's latest estimates due to rains in some sections and droughts in others. As cotton plays

BIG MARMON WILL HAVE FOUR SPEEDS

An entirely new Marmon car will be introduced this fall, according to reports. It is understood to be a straight eight of the latest type, with a base price of around \$2,600. It will be known as the "Marmon Big Eight," according to reports.

The new car will be an addition to the present line of Marmon and Roosevelt cars. It will be powered with a 125 horsepower motor, it is said, and will carry a four-speed transmission.

as large a part in the manufacture of tires as rubber, any increase in the price of that commodity could easily be reflected in the cost of tires."

ATTENTION TO MUFELER.

The muffler deserves careful consideration every once in a while if the operator cares for efficiency and economical operation. This exhaust silencer has a great number of very small openings on the inside of the chamber which become clogged with soot and carbon from the cylinders. The deposit collects very rapidly, especially when the grade of the oil is poor or too much oil is used. When these small openings become closed the exhaust gas cannot escape readily and naturally the cylinder of the engine is not clean at the exhaust stroke. Result: It is impossible to bring in a full cylinder of new gas on the next intake stroke. There is not a full charge to explode and this means a loss of power to the engine.

Prolong the life of the car by studying the oil needs of the engine.

Metric Plug in Insurance

Racing car, airplane and compression automobile engines are to the common run of motor what the thoroughbred race horse is to the ordinary nag. They are decidedly "peppy," but to develop the fine performance of which they are capable, their nerve system must be kept in good order.

The nerve system of a gaso motor is its ignition. This supplies that vital spark of energy which gives it life. The type of ignition system that suffices for the ordinary low compression motor would not suffice for high compression motor any more than the nerve system of the ordinary horse would do for a Man O' War.

One of the most highly developed points on racing cars is the ignition system, graphically illustrated in the 500-mile automobile race at Indianapolis. Spark plugs suffice for some passenger would go to pieces at Indianapolis and the high compression engine is a development of lessons learned at that famous track. Out of the Speedway classics have emerged the modern high compression, super-performing motors.

Naturally, with the greatly improved performance and power output developed from the high compression engine, have come other improvements. The spark plug is one of them.

One of the recent improvements in the Dodge cars has been the adoption of the metric spark plug in place of the Z-inch type usually employed. The change was made because the new plug permits motor to meet both idling and high speed driving conditions better.