

Heard through
the muffler
by
Lienel Scheuer



**REPAIRING THE OLD CAR
FOR SPRING TOURING**

In preparing for the spring touring season, the car owner in the suburbs who may have the facilities as well as the qualifications to do his own repair work, and the city owner, who although he may possess the ability is denied the means, are likely to discover that the car which ran so smoothly last season needs some attention for the coming months. The important thing, whether done in the home garage or at a service station, is to be sure that the needed work is done. For this spring overhauling, among the essentials are the following:

The spark plugs should be cleaned and the points evenly adjusted to get an even running engine. The vacuum tank should be drained. The strainer located at the top where the gasoline feeds into it should be taken out and cleaned. The float should be tested. Fill with gasoline to see if the float rises and closes the valve. It is well to have the carbon removed from the cylinders and the valves inspected and ground if necessary.

The strainer located at the carburetor should be taken out and cleaned. At the same time the carburetor float chamber should be drained to remove any water or sediment that may have

collected. The same should be done to the main fuel tank.

While the gasoline fuel line is disconnected from the vacuum tank it should be blown out with compressed air. This may be done with a tire pump. In this case the fuel line is left connected to the main fuel tank. The dirt is thus blown into the tank and therefore should be done before the fuel tank is drained.

Drain the oil reservoir of the engine and put in a new supply of oil. Where there is a screen at the pump this should be taken out and cleaned. Take the battery to a service station, have it tested and recharged if necessary. The interruptor points should be cleaned.

NEW OAKLAND AGENCY

The enterprising Guttridge organization has received the Local Agency for Oakland Cars which have been unrepresented here for sometime. The distribution and sales will be from the Service Station of the Guttridge Company at 805 Baltic Avenue.

HOUPT AND REO

Those Reo speed cars that Houpt is selling from his Vermont Avenue agency are big items with the man who is looking for a good looking car within the moderate figure.

BUICK, BUICK

A surprisingly large number of new Buicks are evidenced on the streets with the coming of spring. It looks as though Hall & Gravatt were meeting the prospects with cars that appeal to them.

THE AIR CLEANER

The need of an efficient air cleaner on motor cars is imperative. Captain Eddy Rickenbacker realized this most important need when he started the manufacturing of the "Rickenbacker" Cars, and with the result his cars are equipped with an air cleaner which is a 100% efficient.

If nature had not made an efficient method of keeping dirt and dust from getting in our lungs, the life of man would be very short. The life of a motor car which is breathing in grains of sand and road dust, is naturally also very much shortened. This dust and sand taken into the motor, mixes with the oil, and becomes a product similar to a fine grinding compound, which works on all the bearing and cylinder walls, besides causing a large part of carbon formation. Tests of the cleaner used on the Rickenbacker cars, were made in the laboratory while under Government supervision.

Nineteen tests were made putting through the cleaner 100 grams of fine dust as though suspended in the air.

The highest efficiencies obtained was 100%. A flexible suction tube was used with a short bend in the path of the dust and the small inefficiencies recorded are undoubtedly accounted for by the leakage of the joints in the tube. The lowest efficiencies obtained was 99.51, showing a loss of less than one-seventh of the best results in similar tests of a competitive cleaner, which had pre-

viously been tested, and found to be the best in its class. The average of the ten lowest efficiencies was 99.7, a loss of less than one-twentieth of the best competitive average. The average of the ten best efficiencies was 99.91, a loss of less than one-sixtieth of the best competitive averages. The engine speeds were varied from 1200 to 3000 RPM.

Therefore it can easily be seen, by the use of an air cleaner, the life of a motor car is made considerably longer, by eliminating sand, dust, and minimizing carbon deposit; also adding life to bearings and all wearing parts.

**CROSS U. S. AN
EASY JOURNEY**

"Transcontinental trips in Hudson and Essex motor cars are becoming common," said Ed Antrim, distributor for the Hudson and Essex motor cars.

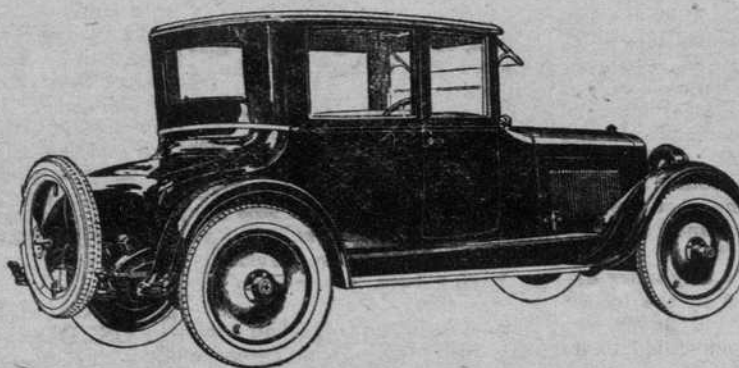
"A Hudson owner recently went from New York to Spokane, Wash., in twelve driving days. He had no trouble whatever. Most of the owners drive more moderately and enjoy the scenery as they ride along.

"It is of interest to know that all transcontinental records are held by Hudson and Essex. The

one-way mark was made by Essex shortly after this wonderful little car was put on the market, and the round-trip record was made by Hudson in 1916. Numerous attempts have been made to better these marks, but without avail. Both cars hold many other records, all proving power and endurance.

"For the ordinary motorist the Hudson-Essex cars combine speed and endurance with a wonderful new body idea. The cars have motors, frames and axles which are unexcelled in performance, and they also have

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Sedans Coupes
Phaetons

Rickenbacker
A CAR WORTHY OF ITS NAME

Why do other motors have a point of vibration?

Because they are not constructed as the **Rickenbacker**, which has flywheel on each end of the crankshaft, giving a perfect balance with no vibration.



G. S. Ruhland Co.
2720 ATLANTIC AVENUE
Atlantic City, N. J.

Automobile Painting

There is nothing that the old Adage—"The Recollection of Quality Remains Long After the Price Is Forgotten"—applies more directly to, than the painting of an automobile.

Most any Painter can make a car look nice when you first get it out of the shop, but, **WILL THE JOB STAND UP? THAT** is the all important consideration.

Our paint jobs look well and **CONTINUE** to look well month after month and the "Recollection of Quality Remains."

Let us prove it to you. Estimates cheerfully furnished.

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On North Carolina Ave. between Atlantic and Pacific
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