

Automobile News

Excessive Oil—When the car owner is confronted with the condition of excessive oil consumption and no reasonable explanation forthcoming, it is well to suspect the rear crank shaft bearing. Looseness in the fit of the bearing permits the oil to work out and materially increases the consumption.

Wedge Is Handy—A handy weapon to make easy the examination of the inside of a casing when looking for punctures, fabric leaks or weak spots, is a wedge made of a substantial stick of wood three quarters of an inch thick and three to five inches long, depending on the size of the tire. This wedge may be slipped between the beads and pulled around the entire circumference of the casing with one hand, leaving the other free to hold the tire.

Take Care of Gaskets—In motors with detachable cylinder heads great care should be taken to see that the gasket used to pack the joint does not project into the combustion chamber. When this occurs the gasket is likely to become incandescent, causing fireproofing knocks and even backfiring in the carburetor.

Dirty Clogs Valves—When the oil pressure on the high-pressure system refuses to come up to its maximum amount, generally about 25 pounds, it is probable that ball check valve is clogged with dirt. This can be removed quickly with the aid of a piece of bent wire.

Kerosene Useful—Chronic squeaking in the breaking system is generally due to dirt that has been imbedded in the lining and is pressed against the drum when the brakes are operated. Usually the dirt may be washed out with this treatment a little rosin mixed with kerosene oil and applied to the bands will cure the trouble.

Oil the Speedometer—Don't forget the speedometer drive. This hard-working part needs a little lubrication, a few drops of oil once a week, and the average owner seldom remembers it. Given this little attention, the drive will operate quietly and for a long period without other care.

Weakness on Hills—If the engine develops a weakness on a hill consider the condition necessary to produce power—ignition, carburetion, compression, lubrication and cooling. By

going over each one of the above in turn you will probably find the trouble and save a trip to the repair shop.

Lubricant for Doors—Lined oil mixed with a small amount of graphite is recommended as a lubricant for door hinges and latches, which seldom receive attention in this way. Ordinary cylinder oil has a tendency to run, which is not desirable at this location because the clothes of passengers are likely to come in contact with it.

Locked Car—It sometimes happens that the drive wheels of the car are locked because of breakage in the differential or universal, so that it is impossible even to haul the car home. In these circumstances it is best to remove the keys that hold the rear wheels to the axles. This allows the rear axles to turn freely and the car may be towed in without further difficulty.

Good Adjuster—A slightly tapering bolt with a number of steel washers under the head so that by removing one or more the bolt may be tightened in its bearings makes an admirable steering gear connection. Incidentally, too much attention cannot be given to obtaining dependable steering gears.

Snake Bridge Completed in September—That the bridge across the Snake river between Burbank and Pasco, which is being built to connect the Evergreen trail on both sides of the river, will be completed by September 29, 1920, is the opinion of J. R. Wood, Seattle engineer, who is supplying the job with machinery. One pier has already been completed on the river bank and will be put into the river as soon as the present cold spell is over. Mr. Wood states that practically all of the needed building materials are on the ground at the present time.

Carload Shipment Here—Indicative of the increased auto traffic expected in Pendleton this season is the carload shipment of tires unloaded this week by the Simpson Tire Service Co. This is their annual spring shipment and includes Republic and Firestone tires.

Haynes Price Goes Up—The price of the Haynes will advance February 1 an additional \$100, according to recent announcement of the Umatilla Auto Co., local Haynes dealers. Several Haynes cars have been contracted for during the present month at the old figure.

MOTOR CAR MANUFACTURERS	
Motor truck manufacturers in production	179
Passenger vehicle manufacturers in production	89
States in which factories are located	22
Employees in automobile factories	580,000
Passenger cars produced in 1919	1,586,787
Motor trucks produced in 1919	305,142
Total motor vehicles produced in 1919	1,891,929
Wholesale value of passenger cars produced in 1919	\$1,399,212,992
Wholesale value of motor trucks produced in 1919	408,311,535
Wholesale value of all vehicles produced in 1919	\$1,807,524,527
Average wholesale price of passenger cars produced in 1919	\$882
Average wholesale price of motor trucks produced in 1919	\$1,335
Automobile tires manufactured in 1919	\$6,000,000

DEALERS, GARAGES, ETC.	
Total dealers, garages, repair shops, etc., in United States	62,036
Passenger car dealers	32,317
Motor truck dealers	18,943
Garages	36,247
Automobile repair shops	43,281

AUTOMOBILE EXPORTS	
Value of motor vehicles and parts exported in 1919	\$146,334,516
Number of passenger automobiles exported in 1919	62,624
Value of passenger cars exported in 1919	\$68,945,749
Countries to which automobiles were exported	51
Number of commercial cars exported in 1919	14,748
Value of commercial cars exported in 1919	\$25,372,419

MOTOR VEHICLES IN USE	
Motor vehicles registered in United States, approximately	7,100,000
Motor vehicles in New York state	570,000
Motor trucks in use in United States	1,700,000
Tons of goods hauled yearly by trucks (estimated)	2,200,000,000
Cost of haulage by motor trucks at 15 cents per ton mile	\$1,980,000,000
Cost of haulage by horse and wagon	\$2,640,000,000
Value of passenger service at railroad rate of 3 cents per mile	\$2,525,000,000
Number of persons in United States to one motor car	15.96
Percentage of cars sold to farmers in 1919 (estimated)	40
Automobiles in United States for each square mile	2.1
Horses displaced by trucks for production of human foods	3,600,000
Average percentage of increase in car registrations, Tennessee	29
Greatest number of cars per capita, Iowa and Nebraska	1 for every 5 1/2 persons

Revenue to States from license fees \$1,000,000,000
Farmers are the largest users of trucks, owning 10 per cent more than manufacturers and 15 per cent more than retailers.

AUTO EMPLOYEES BAND WELL KNOWN IN STATE

One of the best known bands of Central New York is that of the Franklin Automobile Company of Syracuse. The band, consisting of 40 pieces, is made up entirely of Franklin employees, and renders non-day concerts twice a week in the factory yard during the summer months and in one of the factory buildings during the winter.

It is no uncommon thing for 3000 of the 4400 employees to attend these concerts. Charles P. Partello, who acts as director, is not only a finished musician but also a composer of merit and a number of his compositions have created favorable comment in musical circles.

The band is an employee proposition from start to finish and is maintained and conducted by the Franklin Musical Association, the membership of which is made up entirely of Franklin workers. The association staged a successful minstrel show recently at the city's leading theatre, the production playing to capacity houses for two nights. Under the auspices of the musical association also is conducted every winter a series of dancing parties at the New York State Armory.

American Who Resigned as Under Secretary of the League of Nations



Raymond B. Fosdick, giving as his reason the continued lack of decision as to America's course in regard to the League of Nations, Raymond B. Fosdick has resigned as under secretary-general of the league. He will return from Paris to the practice of law in New York city. In his letter of resignation to Sir Eric Drummond, secretary-general, Mr. Fosdick said the inaction of the United States had placed him personally in a position of peculiar embarrassment and that he wished to be relieved of his duties to avoid any confusion or misunderstanding. He was appointed last May.

TRAINLOAD OF RUBBER COMES TO TIRE PLANT

Fifty-three cars of crude rubber, the largest single shipment ever received at Akron, recently arrived at Good-year. This train, stretching nearly one-half mile in length, carried 7,015,000 pounds of rubber in 39,589 cases. The arrival of the rubber in Akron marked the end of an adventurous four months' trip of nearly 10,000 miles from rubber plantations in the Far East as well as in South America. The shipment represents a year's production of 1,400,000 rubber trees and is equivalent to the entire output of a 16,000 acre plantation. It is sufficient to supply the world for three days. The total value of the shipment is approximately \$4,412,000. Forty-eight men working for six days were required to unload it.

BLOOD THAT IS BLOOD

Any Physician Will Tell You It Is Indispensable to Health. It is required by every organ of the body for the proper performance of its functions. It prevents biliousness, dyspepsia, constipation, kidney complaint, weakness, faintness, pimples, blotches and other eruptions. It is pure, red, rich, free from humors, inherited or acquired. It gives vitality, vigor and vim. There is no better way for securing it than by taking Hood's Sarsaparilla, famous the world over as a blood purifier, vitalizer and enricher. If you need this medicine get it today. Take Hood's Pills for a laxative—they are gentle and thorough and purely vegetable.

TO WHOM IT MAY INTEREST This is to certify that I have suffered from lung and liver ailments for years without getting any results by taking other remedies and doctoring. Finally I was recommended to try Chinese doctor K. J. York's roots and herbs treatment for a month. Now I find myself a sound and healthy person again, for I am writing this few lines in praising this Chinese doctor. MRS. M. J. POOLE, 430 6th St. So., Portland, Ore. K. J. York, the well-known Chinese doctor, cures any acute and chronic diseases. If people who are sick, can call to see him. K. J. YORK CHINESE MED. CO. No. 12 N. 7th St. Walla Walla, Wash.

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PARKS & NEBERGALL

YOUR MOTOR

May need repairing. Are you giving it the attention it deserves?

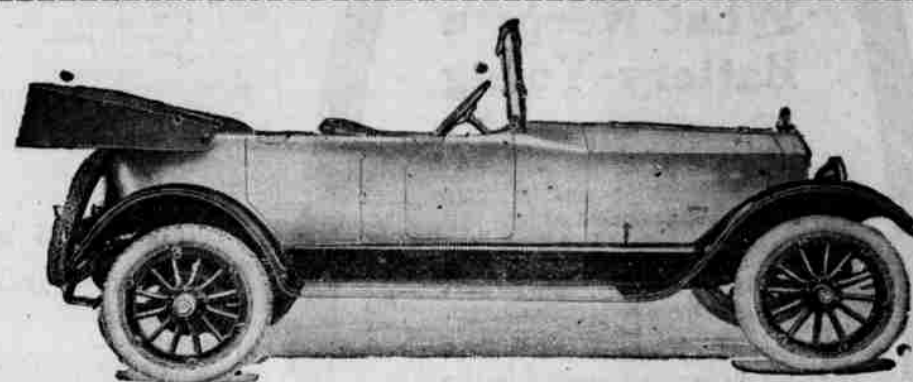
The time will never be better to have it overhauled than right now. Spring will soon be here and your car should be in first-class condition if motoring is to be enjoyed.

Our expert service men can assure you of the very best work. There are no "comebacks" here.

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(Billy) W. L. CUMMING

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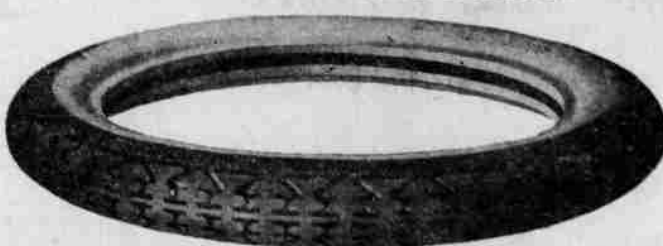
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Time to Vulcanize

Now is surely the time to have us go over your old tires and put them up in good shape for the coming season. Motoring days will soon be here, so don't wait until the day you are to start on the trip and then find your tires are in no condition to see you through. HAVE THEM REPAIRED NOW and you will be ready for any trip you may desire to make.

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