

WILLARD BATTERIES

What They Stand For

W--Stands for Willard, also for war.
 L--For Inimitable, all Willards are.
 L--Stands for Live Long, all of them do.
 A--Is for Ampere, a wise little man.
 R--Is for Rubber, beat this if you can.
 D--Stands for Duty, ours is plain, to help squeelch the Kaiser, that peace may reign.

B--Stands for Better, than Willard there's none.
 A--Is for all cars under the sun.
 T--Is for Threaded, that is the word.
 T--Is also for Thomas, of whom you have heard.
 E--Is for Excellence, that means worth.
 R--Is Results, of these there's no dearth.
 I--s for Inspection, and this is free.
 E--Is for Every two weeks, don't you see?
 S--Means Service, we are here to extend our very best service. Please call again.



Auto Electric Shop

DEGGE & BURRELL

418 Court Street Phone 203

Hints for the Motorist

By Albert L. Clough Editor Motor Service, Review of Reviews

Detecting Tire Overloading.

IF A MOTORIST is convinced that he is using tires of ordinarily good quality, that he is giving them proper care and is not subjecting them to unusually severe usage and still he is failing to obtain from them as good mileage as the experience of other motorists would lead him reasonably to expect there is a strong presumption that his tires are overloaded. It is a very simple matter to take a car to a platform scale and obtain its total weight, and then to obtain the weight borne by the front and rear axles respectively. If the whole car is setting level when one pair of wheels only is on the scales, the sum of the weights carried by the two axles should equal the total car weight. By consulting the table of allowable loading the permissible load for a tire of the size in question, when used in front and when used in rear is readily obtainable and these figures should be compared respectively with one-half the front axle weight and one-half the rear axle weight. If it be found that the actual weight on either pair of tires exceeds the permissible load, the tires of that pair are overloaded and, even if the actual loading is not actually above the allowable, it may be that the duty imposed upon the tires is above that which would lead to the best economy. Over-size tires are required in cases of overloading.

ALCOHOL AS A DECARBONIZER.



E. C. H. asks: Can "Poco" alcohol be successfully used in decarbonizing an engine? Is this method as good as scraping the cylinders? How much alcohol should be used in each cylinder?

Answer: No method is so sure as scraping. We do not know this brand of alcohol but, as the name you give is quite similar to that of a well-known brand of denatured alcohol, we assume that it is this kind of alcohol that you refer to. Alcohol, like a number of other liquids, exerts some solvent action upon the particles of carbon deposits and is thus capable of softening and loosening them to some extent and thus of hastening their expulsion from the cylinders. To treat a cylinder, remove the spark-plug, and turn the engine until the piston is at the top of compression space with alcohol from a squirt can or oil gun, put back the plug, and let it stand over night. In the morning, suck out the alcohol with the oil run, through the plug opening, replace the spark-plug and run the engine briskly. One cylinder can be treated each night until all have been operated upon. If the piston is tight the alcohol is kept in contact with most of the carbonized surfaces and very little enters the crank case. This treatment, like

other similar ones, is more effective on newly formed deposits than on ones of long standing.

OBJECT OF ELECTRICAL CONDENSER.

I. A. B. asks: What is the "condenser," that is a part of a magneto or battery ignition system, and what is it for?

Answer: Its object is to increase the intensity of the igniting spark and to prevent sparking at and burning of the contacts of the interrupter or make-and-break device in the primary or low tension circuit. It consists of a small bundle of tinfoil sheets, each one separated from its neighbor by a large sheet of mica. Every other tinfoil is connected to one side of the interrupter and the remaining tinfoils are connected to the other side of the interrupter.



The condenser has the property of storing electricity and of later returning it to the circuit. If it were not for the condenser when the interrupter points separate the current would momentarily continue to pass between them as an arc or spark, burning them and preventing the sudden cessation of the current (the prime condition of good spark production). With the condenser in circuit the electricity, which would otherwise burn the points is absorbed by it and an instantaneous break of the circuit, the prompt demagnetization of the iron core and a strong igniting spark are assured.

Questions of general interest to motorists will be answered in this column, space permitting. Address Albert L. Clough, care of this office.

The Valley Motor Company



Still have 3 tractors left that will be sold at the present price without the increased raise of freight. We expect the

Fordson Tractors

BY AUGUST FIRST

Watch for notice of Demonstrations that will be held upon their arrival.

The Valley Motor Co.

Front and State Streets Elbert Thompson, Mgr.

investment that depreciates very little in value through years of efficient service. This is because Chevrolet construction demands that consistent high quality standards be maintained in the manufacture and assembly of every mechanical unit. Chevrolet cars are built, not to a price, but to serve well and last long in any capacity where a motor car can possibly be used. An automobile will earn its initial cost many times over in the money, time and energy it saves one."

THURMAN-NUSSOM WEDDING.
 Miss Beatrice Thurman, only child of Mr. and Mrs. George Thurman, and Mr. Walter Nussom, both of Waconda, were united by marriage at the home of the bride's parents Wednesday July 10, 1918, by Rev. Scott, of Bethel. The ceremony was performed on the lawn under the shade of the walnut trees. Miss Nellie Porter, cousin of the bride, was bridesmaid and Mr. Francis Nussom, was best man. Many guests were present, coming from Portland, Silverton, Salem, McMinnville, and other places. They were the recipients of many presents. A beautiful dinner was served by the bride's mother, the table being 100 feet long. The young couple have hosts of friends who wish them happiness and prosperity.—Gervais Star.

Of Interest to Women

THE SEPTEMBER FASHION PLATES ARE HERE

The far seeing people are providing for the future and we are extremely busy--busier than we have ever been before--making suits and coats for both women and men.

The new fashion plates show many attractive innovations and we have a stock of suitings that can not fail to please your fancy. These materials are of superb quality. They were purchased some time ago and we can make them up for you for much less than we would have to charge you if the materials were to be bought at present prices.

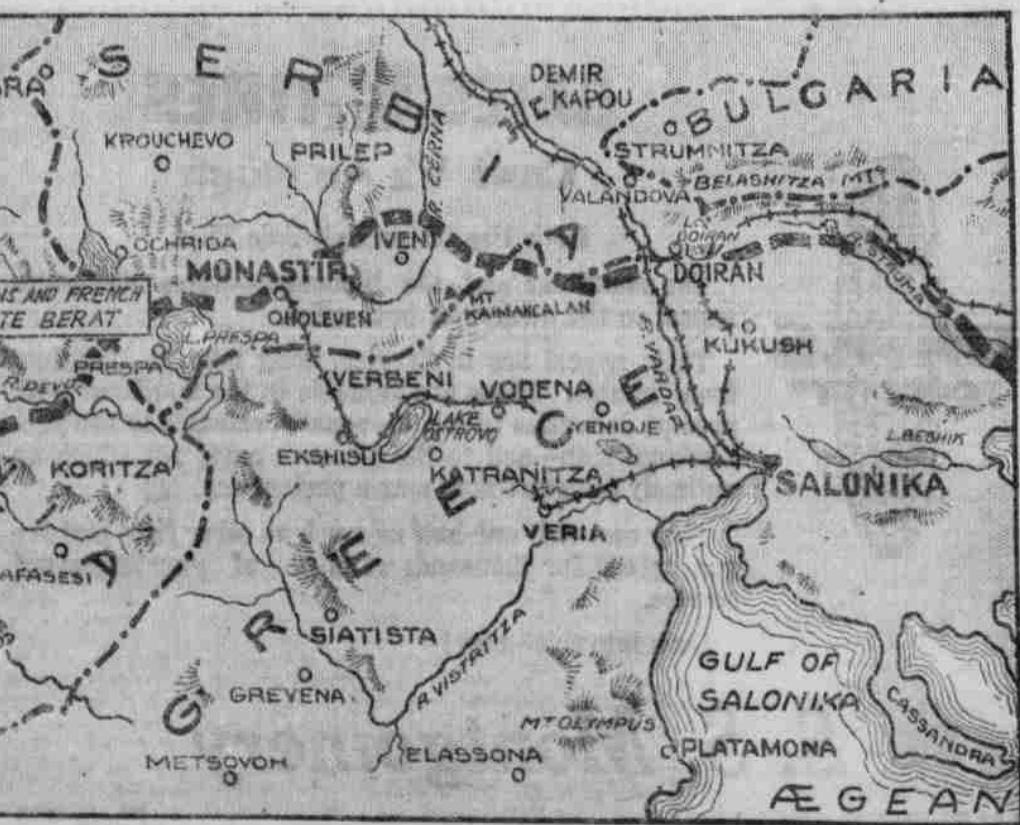
Prices are sure to advance. It is the part of wisdom to order your suit now.

Come in and look over the new Fashion Plates and allow us the opportunity of showing you our stock of materials.

D. H. MOSHER

MERCHANT TAILOR

Court Street Salem, Oregon.



WHERE THE FRENCH AND ITALIANS ARE DRIVING BACK THE AUSTRIANS — ITALIAN FORCES AIDED BY THE FRENCH ON LAND AND BRITISH MONITORS OFF SHORE — have pressed forward on a fifty mile front in Albania, making the greatest advance between the sea and the important town of Berat. They have captured several hundred prisoners and destroyed an enemy aviation base, capturing a large quantity of war supplies.

AMERICAN PLAN FOR RUSSIA WINS

Allied Advisory Council Accepts President's Business Intervention Policy

Tokio, July 16.—The allied advisory council has decided to accept the American council's proposal for the landing of troops in Siberia, according to the newspaper Nichi Nichi. A reply to the suggestions from Washington.

"An automobile should be selected with exactly the same care as any other piece of labor saving equipment," says F. G. Delano, local dealer in Chevrolet automobiles.

"The same durable quality of construction should be looked for and the certainty of a practical, efficient design which will insure the greatest measure of utility, should be sought as diligently when selecting a motor car as when choosing a machine for manufacturing purposes.

"To be profitable as a business investment, both must operate with dependability for years with the lowest possible cost for upkeep.

"The Chevrolet 'Four-Ninety,' or any Chevrolet model, is just such an automobile. Because of this, it is the choice of thousands of keen business men who demand from their motor car investments, as sizeable dividends as they secure from other investments. Its staunch construction, powerful valve-in-head motor and light weight insure the maximum of motor car life with a minimum of operating cost.

"While the purchase of a Chevrolet calls for a very modest outlay, it is an

OPERATIONS IN AIR

BACK ACTIVITY OF BRITISH SEA FORCE

Great Italian Air Squadron Raids Austrian Harbor Of Pola

London, July 20.—Activity of enemy destroyers, continual patrol duty over the North sea and some combats were reported today by the British air ministry for the period from July 11 to 17.

"The royal air force, working with the navy in home waters, have maintained anti-submarine and escort patrols," the communique stated.

"Bombing raids have been carried out when the weather was favorable with good results.

"Enemy destroyers have been sighted off the Flanders coast, on several occasions and attacked with bombs. A direct hit was obtained on one large destroyer. Our formations have also attacked destroyers with machine gunfire. On one of those occasions five enemy seaplanes approached at the beginning of action but immediately withdrew.

"Enemy aircraft have been active and have attacked our bombing and patrol formations. Three hostile machines have been destroyed and four driven down out of control. Two of our machines are missing and two collided and crashed down.

"One of our machines on anti-submarine patrol observed an enemy seaplane upside down in the sea, but saw no opportunity for examination.

"Tree of heaven" is May Sinclair's new book.

For the Children.

"Uncle Sam's boy at war" tells how an American boy sees the war. Oscar Austin is the author.

"World's greatest military spies and spies and secret service agents," is a group of stories of the spies of all times written by George Barton.

"The Goop encyclopedia," containing every child's fault, is the newest of Burgess' books for the children.

The library is putting out new copies of the old ones as well, and borrowing more copies of all so that for once every child who wishes may have a Goop book to read.

The Langworthy charts are on exhibition at the Library this week and next. These pictures in color the different food content of our most common foods. Now that housewives are expected to talk intelligently in terms of calories, everyone will find them interesting.

Motor Cars Increased Greatly In Value

"The man who bought his motor car a year ago and expected it now to be worth one third less is getting one of the biggest surprises of his life," says Lee L. Gilbert, Elgin Six distributor.

"For instead of showing the customary 30 or 40 per cent depreciation, one year old automobiles are commanding their original prices, or very close to that.

"In other words, the owner has got a year of service, is able to turn in his used car on a new one, and gets a hundred per cent allowance on his old car.

"This is the first time in automobile history when such a condition obtained. It is destined to continue. The shortage in motor cars, constantly becoming more acute, and the higher prices, steadily mounting, simply mean that the automobile bought today is pretty certain to be worth 100 cents on the dollar next year, instead of showing depreciation as in the past.

"Both new cars and used cars are scarce, and the effect of curtailed production is being felt in all sections.

"The attitude of the owner of an automobile is no longer that of being willing to sacrifice it for almost any price.

"This is the time to buy a motor

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The Daily Capital Journal

Job Department

Is Busy all the

Time.

It goes to prove that our work and prices satisfy the users good Printing.