

### SPRINGTIME BEST FOR CAR CLEANING WARNS ENGINEER

Springtime should be a time for a check-up of all parts of your motor car, warns G. Clark Mather, chief engineer of the Paige-Detroit Motor Car company in the Paige-Jewett owner's publication's current issue.

"It is a fact that motorists in the north must take as much pains preparing the car for warm weather as they did for the wintry winds," says Mather. The alcohol put in radiators to lower the freezing point of the water in the cooling system also lowered its boiling point. The less heavy lubricant put in the transmission and the rear axle to counteract the oil thickening facilities of the colder weather is brought back to its original consistency by the warmer weather. It does not give sufficient protection in its thinner state to the hard-working moving parts.

"First, let us return conditions in the radiator to normal. It must be drained by opening the outlet in its base and flushed out with the aid of a hose inserted in its filler spout. The outlet should then be closed and the radiator filled with water to which a small amount of soda or borax has been added. The motor should be run for a few minutes to force the solution to all corners of the cooling system that it may loosen any scale or foreign matter that may have accumulated. The outlet should again be opened and the whole system thoroughly flushed with the hose.

"The oil in the motor should not only be changed but the oil pan should be removed and cleaned. After being scraped it may be washed with kerosene or gasoline but great care must be exercised to make certain that the pan is wiped dry of the washing element. If any of the gasoline or kerosene remains it will dilute the fresh oil put in the motor and nullify much of the good that a thorough cleaning will do the engine.

"The plug in the bottom of the transmission case should be pulled out and the thinned lubricant allowed to drain completely. It should be refilled with fresh oil of the right consistency for warm weather. The rear axle housing should be drained and refilled with fresh lubricant. The universal joints should be looked over carefully and properly lubricated.

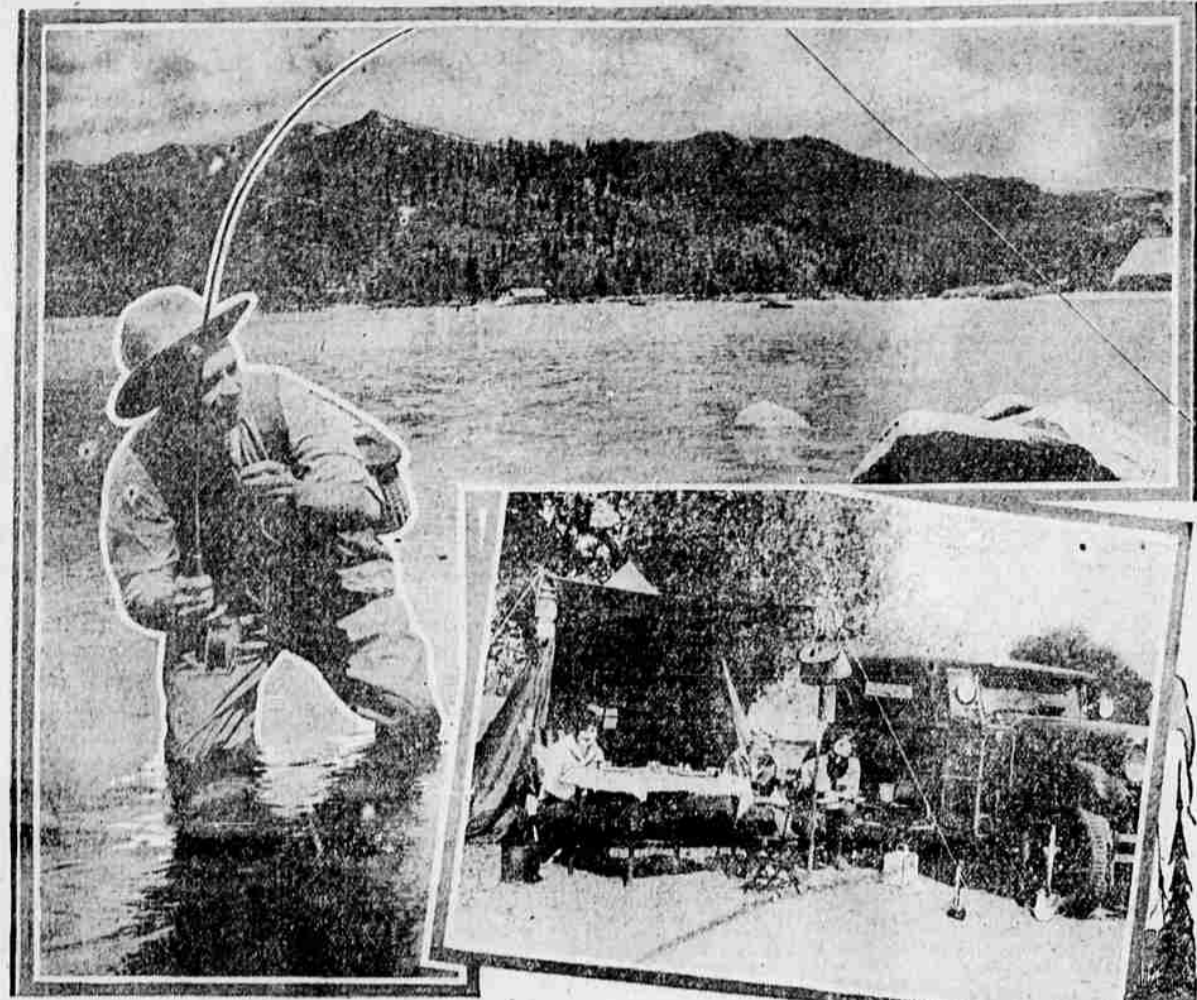
"The front wheels should be removed and the bearings and the inside of the wheel hubs cleaned with a stiff brush dipped in gasoline or kerosene. After being wiped dry they should be repacked with clean cup grease of a medium grade. In replacing the wheels the adjusting nuts at the ends of the spindles should be tightened against the locking washers until the wheels bind. In tightening the nuts the wheels should be revolved to bring all working surfaces in contact. The nuts should then be unscrewed sufficiently to allow the wheels to rotate freely without noticeable end play. Be sure to lock the wheels in their proper positions with cotter pins.

"If you know how to do it, adjust the carburetor to a leaner mixture not only for economy's sake but for better motor performance as well. If you do not know how to make this adjustment, it is advisable to let someone at the nearest service station who is competent do it for you. They can also clean the screen in the vacuum tank, adjust the breaker points in your timer and see that your fan belt is tight enough. The spark plugs should be taken out, scraped and soaked in kerosene over night. Their firing points should be separated from .022" to .020".

"When you have done these things, you have merely given your car a chance to thank the Guard for the space they opportunity to meet the new conditions with its best wheel forward."

### MANY ATTRACTIONS AWAIT TOURISTS IN GLORIOUS WEST

Vacation Time Is Here Again And the Age-Old Call of the Outdoors Will Be Answered by Thousands of American Car Owners



By G. M. UREY  
(Western Auto Supply Co.)

Vacation time is again here! And who, in this glorious west of ours, can resist the temptation to pack the tent and camp goods into the car and start on the 5352 trail.

It is an age old call—this call of the open road. It harkens back over generations to the inborn urge that makes us want to leave all that is artificial, all that is conventional, and set out for a new land of freedom, a realm with elbow room for all—Vacation Land.

Successive days of bright sunshine, of warm spring days; tales of limits less, with do-ain. It was considered the recreation suitable for the man with small means. But all of this has changed for Packard and Ford now tour the vacation highway together and banker and laborer camp side by side. Auto camping favors no certain class but unites all men, regardless of station, into one great outdoor fraternity.

Modern camping equipment has brought about this remarkable change. Household furnishings and utensils have been rebuilt and auto camping has taken on a new aspect.

The entire camping process is now five comfortably in their home by the roadside, if properly equipped with a compact portable outfit.

There are many different styles of camping tents that may be had in either the two, four or six party sizes. Spring beds that roll into a small package and take up but little room on the running board, are a great convenience. Everything has been designed to eliminate bulkiness even to the cooking utensils and table accessories.

Champions Victor In Many Contests

A clean sweep at the Charlotte 250-mile race May 11, at the Fresno race April 30, new world 25 and 50-mile speedway records, and overwhelming victories in the Havana, Cuba, road races and in the Italian Targa Florio races, are the most recent feats for Champion spark plugs.

These victories give the Champion Spark Plug company a list of 10 consecutive wins and eight world records since it decided to re-enter racing events late in 1923. Since that time cars equipped with its products have broken nearly every speed-

Long Broken Law Finally Repealed

DES MOINES, Ia., June 6.—Motorists have been breaking a law of Iowa for the last 30 years, until the

### RUBBER COMPANY CELEBRATING ITS AD ANNIVERSARY

In 1915 there were 2,445,000 automobiles in this country. It seemed a tremendous number. Some people were already talking about "the saturation point" being not far ahead.

But if there were some men who couldn't see the woods for the trees, there were others whose faith never faltered.

It took a lot of vision for them to see that the true market for the automobile had hardly been touched.

It took a lot of courage for them to bank on the ultimate success of the automobile in that market.

They had both.

Back in 1915, the United States Rubber company said "The real future of the automobile is not in the big cities but away from them."

It is not in short runs on city streets, but in mile after mile on country roads!

So back in 1915 the United States Rubber company began to prepare for this movement—and to help it.

In 1915—ten years ago—the first U. S. Tire advertising began to appear in the "home town" papers.

Few people saw these papers in their true dimension.

Few realized the influence they had on what the people thought and did and wore and bought. Because few people realized the place they filled in the minds and lives of their readers.

The United States Rubber company saw.

As clearly as it saw that the development of the automobile would be in the smaller communities, it saw that the people in these communities would have to have tires to measure up to the service and tire merchants up to them.

And it saw that in the "home town" newspapers it had, ready to hand, the medium to help it put tire merchandising where it would have to be in the new era of the automobile.

So ten years ago people began to read the first U. S. Tire advertising in their "home town" paper—over the name of their "home town" dealer.

They have been reading it ever since.

They have seen these home dealers develop their little "sole line of tires" into real business—always with the support of "U. S." advertising in these local papers.

Coincident with the tenth anniversary of "home town" advertising by the United States Rubber company, this company announces another long step forward in the perfection of automobiles tires—the greatest since the introduction of the cord itself—in its perfected Latex treated—Web Cord Royal Balloon Tire with the flat low pressure tread.

Today there are 16,000,000 automobiles in this country.

81 per cent of them are owned by men and women on the farms and in the smaller communities.

Where there was one U. S. tire dealer in the small towns then there are hundreds today—real merchants.

What was only a vision in 1915 has come true in 1925.

### BOY DRIVES FIRST OVERLAND SIX ON CONTINENTAL TOUR

Crossing through seas of mud that mired cars of more cylinders and greater horsepower in high-level gumbo, Mrs. E. K. Allen, of Los Angeles, California, and her 14-year old son, Gordon, hold the distinction of being the first transcontinental motorists to drive an Overland Six from Toledo to the Pacific coast.

Heavy spring rains pelted the cars consistently while the cars passed through Ohio, Missouri and Colorado, and Mrs. Allen reports that any number of cars had to be pulled out of the mud not once but four and five times. At one place in Missouri they were one of a parade of 14 cars held up for five and a half hours because a truck was stuck in a sea of mud.

"After leaving La Junta," writes Mrs. Allen of her experience, "we came upon 35 miles of freshly graded road, which had been converted into a veritable bog after a thunder and lightning storm. Our car was overtaken by a group of garage men in a specially-gearred car, who were going out to tow in a car. These men followed the Overland Six for miles, expecting us to get stuck, but we were able to dismount them and win their unstinted admiration."

Mrs. Allen kept a faithful and accurate record of her expenses and found that the trip cost her but \$97 for gas and oil, for tire replacements and to have an oil line repaired after it had been damaged while the car was passing through the deeply rutted roads of Arizona and New Mexico—an average cost of less than two cents per mile.

### MOTORISTS AIDED IN CAR PAYMENTS

LOS ANGELES, June 6.—Motorists belonging to the Automobile Club of Southern California now have the assistance of the club to pay for their automobiles and for their auto insurance.

This is a new form of club service offered motorists.

The organization has made arrangements with a large securities company to finance purchase of automobiles for its members and to arrange for payment of insurance premiums. Since it is estimated that 80 per cent of the cars bought today are taken out on the deferred payment basis, this work is expected to increase the activities of the club considerably. Its membership is 107,000.

In the financing of premiums for their auto insurance, members may now apportion these amounts over the year, as they do their payments on their cars.

These facilities practically complete all the transactions relating to the ownership and operation of an automobile, made entirely within the club service.

Insuring the motorist for automobile liabilities and other automotive security has been part of the club's work for some years. It has brought down the auto rates considerably and has even helped reduce insurance costs in southern California.

### PRICES SLICED BY GRAHAM BROTHERS

Notice was received today by F. M. Hathaway, local Dodge Brothers dealer, of a substantial reduction in the prices of Graham Brothers trucks.

The 1 ton Graham Brothers chassis, which formerly sold at \$1175, f. o. b. Detroit, is reduced to \$1085 and the 1 1/2 ton chassis, which was \$1310 is cut to \$1280, f. o. b. Detroit. Other chassis prices are reduced proportionately.

"In view of the recent announcement that Graham Brothers in the first quarter of 1925, built more 1 1/2 ton trucks than any other manufacturer in the world, and were second in the 1 ton and 1 1/2 ton truck fields combined," said the dealer, "the reduction is readily explained. It has always been Graham Brothers' policy

### Champions Victor In Many Contests

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# Jewett Coach

## \$1260

F. O. B. Detroit, tax extra

Alluring new beauty—restful roominess—vitality irresistible!

Study the newer lines of the Jewett Coach. Notice its gracefully rounded back—its smart double belt moulding—the distinctive coloring in its permanent lacquer finish. A more beautiful Coach doesn't exist!

It's the greatest Jewett ever built. A car of beauty inside as well as out. You'll think of the finest upholstered furniture when you see the new type upholstery Jewett has introduced in the Coach. Sink into its soft luxury and forget wear and tear, for it's as durable and strong as it is beautiful.

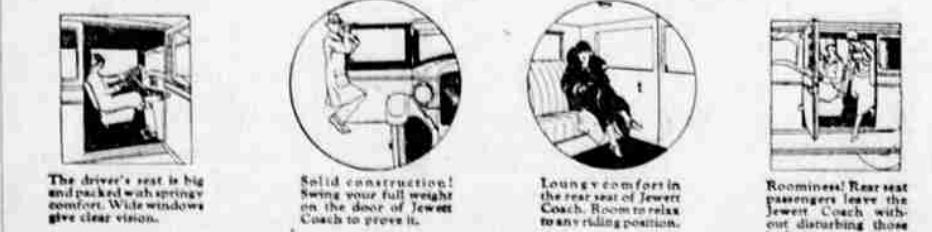
**Sedan Roominess**  
You have never seen so roomy and comfortable a Coach. It's the finest Coach ever designed. A Coach for five—with ample room for five to ride all day in loungy comfort.

**Just Drive Jewett Coach**  
It's the easiest parking—steering—driving Coach you ever touched. Parks easily in a 16 1/2 foot space at the curb. Enters or leaves your garage from a 14-foot alley. Steers with bicycle ease. Turns in a 42-foot street.

**Power that Seems Limitless**  
Jewett Coach will outperform any car within \$500 of its price. We stand ready to prove this statement on hill, highway, in traffic, through rough going—anywhere! 5 to 25 miles an hour in seven seconds in high! From a mile an hour, without bucking, to a mile a minute in less than a city block. That's the kind of performance you buy in Jewett Coach.

**Performance that Endures**  
Jewett motor is full, high-pressure oiled, even to the valve tappets. Timing gears are replaced with a silent chain drive and automatic take-up for pump and timing shafts. Adjustment of chain wear is automatic, insuring quiet and freedom from care for the life of the car. And a big, new, counterbalanced crankshaft eliminates vibration. These are improvements you look for in costly cars—Jewett Coach has them at \$1260.

Just drive Jewett Coach yourself. No obligation—call or phone for a Jewett Coach at your door.



**H. J. Bringle Motor Co.**  
71 West 9th Phone 343

When Better Automobiles Are Built, Buick Will Build Them

### No. 11



**Q**uestion: Can Buick 4-wheel brakes be applied while turning corners?

**A**nswer: Certainly. The brake on the outside front wheel is automatically released, making steering easy and car control sure. Only one such device has so far been perfected, and Buick has it.

**B. F. Goodpasture**  
7th and Olive

### LEAVE YOUR CAR IN SUN, RAIN OR SNOW

The Weather Cannot Hurt The New DUCO Finish

Duco Finish is different from any other finish ever put on a motor car. And it stands what no finish has ever stood before.

With Duco Finish on your car, you can leave it out in all kinds of weather. Rain, mud, snow, ice, won't hurt it a day, or run the hot sun shine on it, all Duco will remain attractive.

After weeks of hard driving, you can scrub ordinary mud spots off Duco with a dry cloth, if you like, for only sharp pebbles will scratch the finish. The lustre gets higher and finer with age.

Every car owner who has seen Duco cars finished with it, and who has seen tests to prove its durability. Talk to make. Let us finish your car with Duco in one-third to one-half the usual time required. It will always look new as long as you own it.

**GENERAL AUTO PAINTING**  
CLAUDE VAN WYCK  
7th and Charnell Phone 249

TO CLOSE OUT THE LINE

We are offering a

## New Jewett Sedan

At a saving to you of \$300.00

**A. WILHELM & SONS**  
CORVALLIS, ORE.