

## TIME, DISTANCE AIN'T NO MORE

Motor Car Plays Its Part in Speeding Up of All Kinds of Conditions

The elimination of time and distance has been the problem of the age in almost every line of business, and it is admitted the automobile and motor truck have had more to do with present speeded up conditions than any other one factor. With this universality of motor transportation it has become necessary for the big manufacturers to endeavor to provide repair and service facilities commensurate with the distribution of their products.

With this end in view and because Chevrolet has penetrated to the big division of General Motors is now spending \$1,500,000 on the installation of a new system of parts distribution which experts declare will assure uniformly prompt service for every Chevrolet owner in the United States.

The plan, involving the establishment of six new major parts supply depots throughout the country, has been worked out by President W. S. Knudsen and J. P. Little, manager of the parts and service division. In a service way it supplements the greater production capacity which will be available after completion of the \$10,000,000 Chevrolet factory expansion program, scheduled to be completed and in full operation by the first of the coming year.

The new supply depots, in which will be stored reserve parts stocks, are to be located at the following points: Oakland, Janesville, Wis.; Cincinnati, O.; Buffalo, N. Y.; St. Louis, Mo.; and Tarrytown, N. Y. All of the buildings except those at Tarrytown and Oakland will be new, specially designed buildings of brick and reinforced concrete. The existing parts stations at Tarrytown and Oakland will be enlarged and refitted to meet the heavy demands that will be made upon them under the new system, both of them being the distributing center for a tremendous sales area for Chevrolet cars and trucks.

The entire facilities of the central parts warehouse at Flint, Mich., which heretofore has been the central shipping point, will be retained. All of these new depots will be ready for operation not later than the coming January 31.

## How to Start Car Quickly

A better start usually can be had by cranking the engine over a few times with the starter before switching on the ignition. When the cylinders have a chance to load up with a stronger charge of gas the firing of but one cylinder when the ignition is turned on usually will send the engine off with a snap.

Care should be taken not to crank too long before switching on the ignition, as the engine will present starting trouble if it becomes flooded with gasoline. Just a few turns of the shaft, and then snap on the ignition.

## HERE'S SECRET TO BURNING BRAKES

It isn't merely excessive use that burns brake linings when one is using them to retard his car on a long descent. When the brakes are called upon to do heavy work of this character, the drums heat beyond what the driver believes is the case. It pays to relieve pressure on the pedal from time to time during such a descent because the driver may not be aware of the fact that the brakes are "applying themselves" under excessive use.

## Praise Accorded Willys-Knight

"Probably never before, in the history of any motor car, have as many people, famous in the arts and sciences, literature, society and royalty expressed such universal praise of an automobile as has been the case with the Willys-Knight great six," says Joe Brett, local representative for Willys-Overland.

"The recent purchase of a Willys-Knight great six roadster by Prince Nicolas of Rumania has brought this universal praise into the limelight. The prince is an ardent and experienced motorist, thoroughly familiar with the mechanical construction of an automobile motor and with a reputation as a driver of far more than average ability.

"Other royal personages expressing a preference for the Willys-Knight great six include King Alfonso of Spain who voluntarily sent the following statement to Willys-Overland: 'I take this opportunity to congratulate you on the wonderful car you have succeeded in turning out,' shortly after taking delivery of a great six sedan. 'Ethel Barrymore contributes a high measure of praise from the stage in her statement, 'This car should find favor with anyone possessing a sense of the unusually desirable and beautiful.'

"Mary Roberts Rinehart says, 'Next to my favorite saddle horse, give me this spirited Willys-Knight great six,' this statement having been written from her western ranch. 'Miss Elsie DeWolfe, the interior decorator adds, 'Someone with a true sense of the fitness of things conceived the appointments of this motor car.'

"The social position of the car is established by Mrs. Jerome Napoleon Bonaparte who writes from Washington, 'Certainly no woman could ask for a more charmingly appointed or more easily handled motor car.'

"Other comments reflecting the attitude of artists and engineers come from Charles Dana Gibson who says, 'A beautiful piece of work, as pleasing to the eye as any I have ever examined,' and the statement of Lee DeForest, a leading engineering authority who comments, 'I know of no engine other than the sleeve-valve Knight which actually improves with use.' 'We get the same kind of enthusiasm from nearly everyone who really gives the great six a thorough trial,' says Mr. Brett, and the prestige to which this car has attained in the past twenty-two months is one of the outstanding evidences of the popular favor accorded to it.

## Overland Makes 12-Mile Climb In Reverse Gear

The climb up Mt. Wilson, just outside Los Angeles is considered a feat of no mean importance when it is made in the conventional manner, with the driver of the car using "second speed" and having a clear view ahead around the steep and winding curves.

A decidedly different sort of a climb was recently made on this same grade when "the masked marvel" reputed to be a well known dirt track driver with a penchant for daring stunts, volunteered to take an Overland six up the same grade, driving all the route in reverse.

The test was a hard one for the driver, but a doubly hard one for the car itself, as driving in reverse is supposed to have a detrimental effect on the cooling capacity of the motor.

There have been cases where, in win bets, a car has been driven 25 miles in reverse on a level road, but this was the first time that one had ever been called upon to go 12 miles up a 10 per cent grade from sea level to an elevation of slightly over 6000 feet.

Starting from the official base of Mt. Wilson, it took the masked marvel just one hour and 28 minutes to make the climb despite the fact that he was badly handicapped by fog at certain stretches.

His entire view of the road was over his shoulder, and it took 5 certain and immediate response from the steering gear to enable him to keep from dropping off the edge on some of the acutely sharp turns.

Neither the motor nor the car were permitted to stop at any point on the run, this being a part of the agreement under which the test was conducted. It was non-stop for everyone.

At the completion of the run, it took but 1 1/2 pints of water to fill the radiator and an examination of the oil showed that there was the same amount in the motor that had been there when the trip started.

The water in the radiator did not boil at any time during the climb, revealing a remarkable cooling efficiency since all of the advantages of a forward motion against the wind were lost through the fact that the car was being backed up the mountain.

The cooling efficiency of the Overland six motor is similar to that of the Whippet which recently

## NEW PLUGS AID WINTER DRIVING

Cold Weather Entails Careful Examination of Auto's Working Parts

While winter driving doesn't suffer from the difficulties of a few years ago, because of the improvement in motor design and the pre-heating of the combustion mixture, it still behooves motorists to make certain that their cars are in proper condition for operation in cold weather.

Many things that will not seriously interfere with summer driving will cause trouble when the weather is cold. One important item is to make sure that the radiator is okay and that all hose connections are tight. Radiator covers are almost an essential in northern states. Another thing is to see that the vacuum tank is thoroughly cleaned so that no dirt or water gets into the gas line.

Distributor points should be checked over and also all wiring. It is particularly important that the spark plugs be in proper condition. If the set in the car has been used for 10,000 miles or more they should be replaced with a new set. No matter how good a spark plug is, continual service causes it to lose efficiency. The spark is not hot enough and does not completely fire the mixture.

In cold weather particularly this hinders starting and engine operation and causes excessive dilution in the crankcase. If new spark plugs are installed with the approach of cold weather, starting is made easier and operation generally improved.

All lubrication points should also be given attention with a thinner lubricant put in the transmission and probably in the rear axle.

The motorist who gives his car this attention now will save himself a great deal of difficulty later on.

## BAD BRAKES HOLD MOTORIST

When an automobile is not kept in reasonably good mechanical condition and an accident occurs, due, for example, to defective brakes, the motorist is liable for any damage unless the injured was contributorily negligent.

made the climb up Pike's Peak in Colorado without stopping to replenish the water and without the slightest evidence of boiling.

## Bearings on Front Wheel Important; Check is Advised

A front wheel bearing cracking, breaking or locking will put the most careful driver in the ditch and some ditches are deeper than others. A cotter coming out of the steering cross tube is just as bad, or worse. Front wheel bearings and steering mechanism are important units of an automobile which should receive a thorough checking over regularly every 5000 or 4000 miles, and not less than twice a year—just approaching winter season and the early spring.

It is not such a big job to check over every steering gear moving part for cotters and adjustment, as well as to grease thoroughly. Front wheel bearings should be checked frequently for adjustment, because of the severe thrust on corners, crowded roads, etc. There is more wear on front wheel bearings than any other bearing in a car. The old grease should be washed out thoroughly to remove bearing cuttings, and repack with new grease of the best quality.

## Carelessness is Cause of Fire

Carelessness in car repair work easily can result in fire. All one needs is a short circuit caused by metal contact between one of the electrical terminals and the "ground" (any metal part of the car). Take cars which have floor boards edged with aluminum. Let one of the sides drop on a battery terminal and there's a spark. Let there be gasoline or oil near the spark and there's a fire.

## DON'T FORGET YOUR SPARE

When testing the air pressure in your tires, don't forget the spare tire. It will be necessary to curb your temper if you have a flat tire and find that your spare is not inflated.

## HERE'S HOW TO TAKE CARS ABROAD

Information as to how American travelers can arrange to take their cars with them into the various countries of Europe and adjacent Mediterranean areas without being subject to tedious customs formalities is detailed in a department of commerce publication.

Generally speaking, the bulletin explains, automobiles may be taken for a limited time into most of these countries for touring purposes free of duty by making a cash deposit (to be refunded later) or by giving bond (to be cancelled later) for the amount of import duties, or by using the tripartite privilege.

## REPLACE RAILROADS

The automobile is replacing the railroad in Denmark, says a special government commission report.

## Chrysler Sets New Record in Production

All production, shipment and sales records for Chrysler cars were broken in October, according to figures announced yesterday by J. E. Fields, vice-president in charge of sales of the Chrysler corporation.

Shipments for the month reached the new level of 22,124 cars. This was a gain of 19 per cent over September; when the former plant record of 18,761 cars was registered, and a gain of 51 per cent over October, 1925, when 14,632 cars were shipped. The high water mark for 1925 was reached in September, with shipments 17,810, but

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Is Your Car Safe for Winter Driving?

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- 1925 Dodge 4 Door Sedan \$850.00
- 1924 Master Buick Touring with Glass Enclosure \$850.00
- 1924 Buick 4 Cylinder Touring with Glass Enclosure \$550.00
- 1925 Ford Tudor Sedan, Balloon Tires, Ruxstell Axle. \$460.00
- 1924 Ford Coupe \$350.00
- 1922 Buick 6 Sedan \$725.00

All these cars are cheap at the price asked, and it will pay you to look them over. Will trade for real estate.

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- 1923 Touring, new top and new curtains, good shape mechanically \$135
- 1926 Coupe, Excellent Condition \$450
- 1923 Delivery in first class condition in all respects. \$160
- 1923 Roadster, overhauled, five good tires \$125
- 1923 Roadster, overhauled, five good tires \$160
- 1923 Roadster with box on rear deck, Ruckstell axle, motor in A-1 shape \$155
- 1924 Touring, overhauled, repainted, new top, new curtains \$200
- 1922 Tudor Sedan, in very good shape in every respect \$135
- 1923 Panel Delivery \$250
- 2 1924 Tudor Sedans, each \$300
- 1924 Ton Truck, just overhauled, practically new tires, extra good cab and stake body, starter \$400
- 1923 Ton Truck, cab and platform body, starter, Ruckstell axle \$275
- We offer you the following Exceptional Bargains,
- 1 1916 Dodge Touring, motor in good running condition \$40
- 1 1920 Ford Touring, good tires and runs good \$40
- 1 1923 Ton Truck \$135
- 1 1920 Touring \$35
- 1 1923 Touring, Ruckstell axle \$75
- 1 1920 Delivery \$75

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