

VARYING RISKS IN WINTER MOTORING

Icy Surfaces Mean That Skidding Must Be Guarded Against.

MODERN AUTOMOBILE CAN GO ANYWHERE

Secretary of State Points Out Conditions Under Which Care is Necessary.

By FRANCIS M. HUGO, Secretary of State.

The return of winter has brought home to many motorists the need for protecting their vehicles when driving. Sometimes it is said that one of the advantages of the mechanical over the horse-drawn vehicle is that the former is waterproof. To some extent this is true, but it is in driving that the winter brings with it special risks which are by no means insignificant.

Frozen surfaces particularly are productive of much more skidding than is ordinarily expected. No more dangerous condition exists than when the highway is covered with a light fall of snow which has half melted in the daytime and been frozen again at night, thereby producing a surface more nearly similar to ice than its appearance would suggest.

When a surface like this has been rolled down by much traffic it becomes quite as treacherous as an ordinary ice slide. In this case the greatest care must be taken, especially when approaching downhill grades, to keep the car in hand and, if possible, off the tracks formed by other traffic.

But care should be taken not to drive too far toward the side of the road, as slipping may ditch the car. Precaution also should be taken when entering snowdrifts that are very deep, as these are often likely to strain and bend the delicate parts of the machinery.

With ordinary precaution snowdrifts can easily be cut through, and those motorists who have not dared to attempt it will experience surprise when they see how even small-powered cars can surmount obstacles which would be impassable to horses or horse-drawn vehicles.

Sharpens Skates with 'Cycle.

A. Y. Letts, of Hoboken, N. J., has made his motorcycle help him earn quite a bit of money this winter. He attaches the motor to a skate sharpener, with which he has kept the skates of the community in good condition.

New York State Has 169,966 Cars

With the beginning of the new automobile registration year only a few days away the figures in the office of the Secretary of State afford an accurate line on the distribution of motor cars throughout the state. Taken by counties, New York leads for the last twelve months with 41,386 registrations, as against 29,142 in 1913.

RURAL DISTRICTS ABSORB MANY CARS

Half of Output of Second Greatest Factory Reach Hands of Farmers.

Until the advent of the popular priced motor car thousands of farmers in the various states were practically as remote from the centres of population as the inhabitants of an oasis village in the Sahara.

A few years ago a trip from the farm to the city meant tedious hours in an uncomfortable buggy, behind a tired horse. To-day the farmer steps into his motor car and derives pleasure and relaxation from what was formerly an unpleasant necessity.

The popularity of the motor car among farmers is being reflected in all parts of the country. This fact is brought home by an interview with C. T. Silver, the Overland distributor.

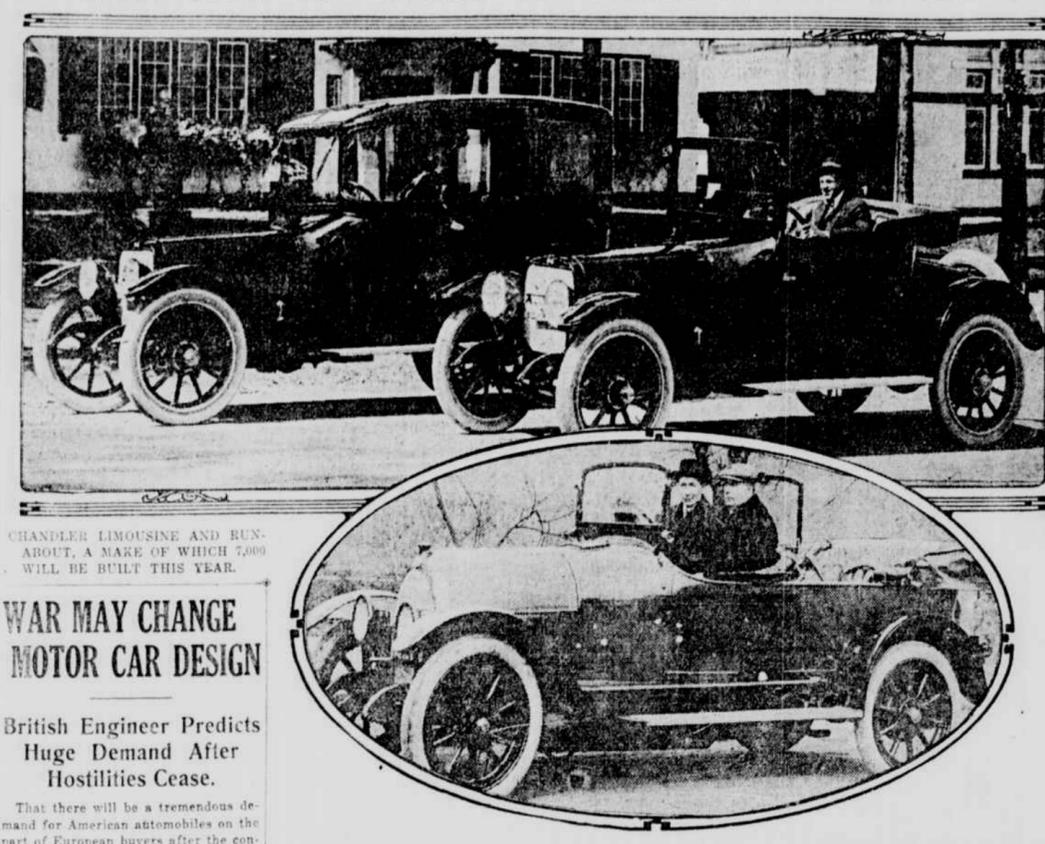
"From conversations with factory officials I learn that more than half of the thousands of Overland cars being built this season will be purchased by people who live in remote districts," Mr. Silver says.

"The automobile has done more than any other one thing toward opening up the sections of this country which are distant from the cities. It has brought the farmer into easy communication with the town, the railroad and other things that make for progress.

"The motor car is the modern engine of industry and social welfare. Even where the poorest roads prevail, it is ploughing through mud and sand and deep ruts every day in the year. It is safe to say that there is hardly a farm in the United States that has not been invaded by a motor car at one time or another.

"Disregarding entirely the influence of the automobile on the commercial life of the farmer, it has become a social feature of great influence. People who heretofore were confined to their own limited social area through lack of easy transportation are enabled to come into touch with others through the agency of the motor car.

AMERICAN AND ITALIAN MOTOR CARS OF HIGH GRADE WHICH HAVE BEEN SETTING NEW SELLING RECORDS IN THIS CITY



E. H. PARKER AND H. T. CLINTON IN NEWFIAT "30," 125 OF WHICH HAVE REACHED HERE FROM TURIN IN LAST THREE MONTHS.

CONVICT ROAD LABOR Motorists Interested in Study Now Being Conducted.

Road work for misdemeanant prisoners is the subject of an investigation which is being conducted under the joint direction of the National Committee on Prisons and Prison Labor and the graduate highways department of Columbia University.

War May Change Motor Car Design British Engineer Predicts Huge Demand After Hostilities Cease.

That there will be a tremendous demand for American automobiles on the part of European buyers after the conclusion of the present war is generally believed, and with this object in mind automobile engineers already are beginning to consider what steps shall be taken to meet the requirements of design and production that will necessarily be involved.

Numerous suggestions to this end were offered by Ludlow Clayden, former editor of "The Automobile Engineer," of London, in a paper presented before the Metropolitan Section of the Society of Automobile Engineers at its fortnightly meeting last Thursday night at the Automobile Club of America.

It is leading up to the question of inventing an export type of American car. Mr. Clayden spoke of the general reconstruction of business in Europe that will follow the present upheaval.

It would be an utter impossibility to forecast the conditions that will prevail in Europe after the present condition of affairs has terminated," he said, "but out of the mists of uncertainty there emerge two definite and unalterable facts. The first is that a large number of automobiles of all kinds and sizes, both pleasure type and commercial, are being consumed by the armies, and will have ceased to exist absolutely by the time the war is ended.

"The second is that all Europe will be greatly impoverished, for it will take the work of a generation or more to replace the war-wrecked machinery that has been piled up by each belligerent and being piled up by each belligerent will have to apply the whole energies of their people to repairing the damage to the national exchequers.

"Yet, again, when the horror of war is past and over there will be a general desire to get things back on the old footing of prosperity; there will be more ambition to work on the part of the people of Europe and a further freedom of action.

For these reasons the author believes that very soon after the fighting has ceased Europe will be ready to buy from abroad all sorts of goods and that exports from this country in particular will be enormous.

The American car sold in England, especially of course, in Europe, by reason of the usually excellent value for money that it represents. Despite the war exports are continuing and after the war, if every one is a little wiser, the demand for cars will be such that it will encourage the purchase of things which are cheap, in ways provided that their cheapness is of the lasting kind.

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Some remarkable figures have been brought to light by the Ford company in its effort to establish the maintenance and mileage costs of its cars in the hands of owners. W. T. Brown, of Columbus, Ohio, reports that he has driven his car 60,000 miles in three years with upkeep costs of only \$300, or half a cent a mile.

Happenings of Interest Along Automobile Row

Newcomb's Warning Was Late, but Houpt Would Have Gone Through, Anyway.

"Harry Houpt's way of driving a car is to put his foot on the accelerator and forget where it is," is the way Charlie West, now selling Stearns cars, prefaced a story about the Mitchell distributor, of whose selling force he was a member until a few weeks ago.

West started to Pelham one afternoon with Houpt. Newcomb, the carburetor man, getting well uptown Houpt decided to drive the remainder of the way. "We were 'beating it' up Pelham Parkway when, half a mile ahead, I saw some Italians mixing concrete on the road, and a quarter of a mile further on a motor moving van coming toward us," West says.

"I saw some Italians mixing concrete on the road, and a quarter of a mile further on a motor moving van coming toward us," West says. "As I saw the war is ended, I have a vision of digging myself out of that mixture of concrete. Newcomb, who stutters, thought so, too, and he leaned forward to tell Houpt to slow down.

Victors and experimental conditions in what has been found eminently successful. In fact, the knowledge that a jail sentence will mean hard work on the roads has a tendency to decrease the number of commitments of vagrants keeping away from counties where they will be subjected to work of this character.

Notes of Motor Car Trade in and Out of New York

Transformation Effected in Studebaker Building to Accommodate Eastern Sales Departments.

For those who have been familiar with the interior arrangement of the upper floors of the building now occupied by the Studebaker Corporation at the corner of Broadway and 56th st., it would be difficult to imagine a more complete transformation than has been accomplished by the Detroit concern in preparation for the reception of the sales organization now housed in the Randall Building, on West 52d st.

The fifth floor is now fitted for the handling of service repairs, with ample power and the machinery necessary for the lifting of bodies or motors from chassis, while abundant windows space will allow all repairs to be carried on by daylight.

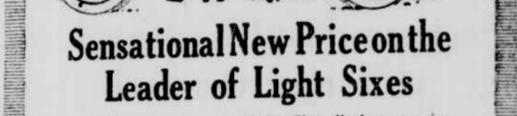
The fourth floor will be given over to the parts department, and is being fitted with hundreds of shelves and racks for the handling of the material that will be carried. A separate entrance on Broadway will permit owners to reach this and the other floors without entering the salesroom.

The clerical departments will be accommodated on the third floor, which has been fitted up by F. R. Bump, Eastern sales manager, will have his office on this floor, and in addition there is a conference room. Used to be shown on the second floor, W. S. Jewell, local sales manager for Studebaker, predicts a decided shortage of cars this year if sales during the remaining months are maintained in proportion to the report and the sales in January have been twenty times greater than for the same month of a year ago.

Rumor has it along Automobile Row that of the old line companies has fully decided to introduce a twelve-cylinder motor, though the time for its debut is not known. Winton is the name coupled with the report, and better suited to the conditions. The light four with a high speed motor is the best, cheapest and most useful kind of car ever developed for European service.

In one respect cars for export have already to be altered, this being that the right hand steering expected on the needed in England, although by rights the now standard left hand arrangement is the correct one for all places with a right hand rule of the road. It is to be questioned whether some of the other alterations to make American cars more acceptable to foreign importers could not be made almost as easily, so that to manufacture for export would not mean manufacturing from A to Z.

CHANDLER SIX \$1295 "The Six With the Marvelous Motor"



Sensational New Price on the Leader of Light Sixes

THE announcement of the Chandler's new price came as the greatest surprise the automobile industry has had for many a year. It was the one big sensation of the Chicago Automobile Show. The continuation of the same Chandler model that met with such success when selling for \$1395, at a \$1295 price, offers a car value so far surpassing all others as to put it entirely in a class by itself.

Every Feature that has Made the Chandler Famous is Retained

Yes, and every degree of fine workmanship and finish and every degree of high quality in materials. All the following features of design and construction are found on the Chandler, and not on any other six-cylinder car selling for less than \$2000.

- Boach magnetos
Boach & Davis separate unit electric starting and lighting system
Endless silent chains for driving motor shafts
Worm-bevel rear axle
Boach spark plugs
Mayo genuine Mercedes type radiator
Cast aluminum motor base extending solidly from frame to frame
Rayfield carburetor
Imported annular ball bearing throughout

You cannot afford to pay more than \$1000 for an automobile without seeing the Chandler.

Brady-Murray Motors Corporation 1890 Broadway—Between 62nd and 63rd Streets W. C. D. Motor Car Co., Newark, N. J. I. M. Allen Company, Brooklyn, N. Y. CHANDLER MOTOR CAR COMPANY, CLEVELAND, OHIO

Far West Will Motoring Thousands

Coming Season Promises To Be Remarkable for Long Distance Tours.

EXODUS TO EUROPE CAN HARDLY OCCUR

Panama Exposition and Scenic Wonders Likely to Receive Full Attention.

Secretary of the Interior Lane in a recent interview said: "The first step in a conservation taken by our people is to save scenery, not water, or soil, or forests, and scenery. That's what we need when we lead the world by the nose on our great national parks, Yellowstone, Glacier, Mount Rainier, Yosemite and the others.

These we hope to see more surely preserved for the people by securing roads that will stand automobile traffic. Already within three days of New York the tourist can find scenery that cannot be approached anywhere else.

It sounds the keynote of what is to be the greatest season of touring in the history of automobilism in the United States, if not in the number of individual tourists, at least in the number of long distance journeys taken by those who travel for recreation motor cars.

With two great expositions and the west of natural beauty, the West will offer a lure this year that motorists will find hard to resist, especially when they realize that touring in the wide and far Western commonwealths is no longer a pioneering task, but a real outing.

It may be recalled that in 1913 all roads will lead to the mountains, and that fact is appreciated by all the organizations which cater to the touring motorist. Whether possible work is proceeding steadily to bring the Lincoln Highway to the highest point of efficiency for the heavy motor traffic between East and West, having the advantage of affording a fair surface in its poorest sections except under the worst conditions.

AUTOMOBILE CLUB OPENS NEW PLANT

Now Has Greatest Motor Car Storage Capacity in the World.

Boasting many things that are the "largest in the world," New York now boasts undisputedly the greatest motor car storage corporation, the Automobile Club of America. With the opening of its new garage on the upper East Side the A. C. A. is in a class by itself in this respect.

Adding the new plant to the building to its huge plants in West 54th and West 56th sts., the total capacity has been increased to a possible 1,100 cars.

The average value of the cars holding garage space in the A. C. A. is \$3,500, this being the estimate by an official who is familiar with the makes generally stored and with their prices. For a long time the older plants have been taxed to their capacities. Because of its advantageous location on the upper East Side it is assumed that the new building will shortly be placed in a similar position. It is quite probable that the new garage will be the largest in the world.

The new garage is situated close to Avenue A, in East 72d st., and it is probably the most modern building for the storage of motor cars that has ever been built. Beside it even the other club buildings downtown suffer in comparison.

A system of ramps, so finely utilizing the New York Central in its new Grand Central Station, has been employed by the A. C. A. in the East 72d st. garage, eliminating the drawbacks that pertain to such buildings through the use of elevators. The ramps are wide enough to admit of cars passing with three or four feet to spare, so that there need be no jockeying to avoid trouble. Their grade is only 10 per cent, there is little or no jockeying to avoid trouble. Their grade is only 10 per cent, there is little or no jockeying to avoid trouble.

The value of a system which permits a car to enter or leave as the chauffeur wishes can be appreciated by total capacity of the new garage is 1,100 cars. The value of a system which permits a car to enter or leave as the chauffeur wishes can be appreciated by total capacity of the new garage is 1,100 cars.

SHOWS MOTOR SIMPLICITY Maxwell Window Demonstration a Magnet for Crowds.

For the last two weeks the Maxwell Motor Corporation has been giving a novel and instructive demonstration in the window of its salesroom.

Mounted on a platform in the Broadway window is a Maxwell motor, complete in every detail. This motor is dismantled in full view of the onlookers and then assembled, the task being done in an hour and a half, three-quarters of an hour to take it down and three-quarters of an hour to reassemble it.

Harry J. de Bear, manager of the New York branch, in preparing this demonstration, wrote an interesting talk descriptive of the various operations employed, which is transmitted through ropes to the people outside the window watching the mechanic do the work.

Motorcycles in Great Britain.

The census of 1914 shows 233,381 motorcycles in use in Great Britain. Of these 1,205 were in England, 170 in Scotland, and 11,346 in Ireland. In the County of London, England, there were 38,360 machines registered, showing an increase over 1913 of practically 22 per cent.

Full Supply of Auto Licenses

Albany, N. Y., Jan. 30.—Although upward of 100,000 motorists have made application during the last three weeks for renewal of their licenses the automobile bureaus have the situation well in hand, and all requests will be attended to as soon as they are received in time, according to an announcement made to-day by the Secretary of State.

MAY SELECT AMERICA Motorcyclists Considering This Country for 1916.

According to a communication received by Secretary Gibson of the F. A. M. from T. W. Loughborough, secretary of the Federation Internationale des Clubs Motorcyclistes and of the Auto Cycle Union of Great Britain, there is a possibility that America will be chosen as the place for holding the 1916 annual international motorcycle competition and conference.

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