

CHICAGO, NEW YORK
SHOWS TO BE BIGTwo Mammoth Eastern
Events Set for January.

NEW YORK SHOW IS FIRST

Over 80 Different Makes of Cars
Will Be on Display in
Great Array.

NEW YORK, Dec. 17.—The directors of the National automobile chamber of commerce have decided to appropriate a substantial sum with which to carry on an advertising campaign in New York and Chicago during the show periods to demonstrate the essentiality of motor vehicles as transportation. The aim of the advertising will be to convince bankers and business men in all lines that motor cars are indispensable as utilities. A by-product of the campaign will be the good it will do the dealers in the territories surrounding the two large cities.

The directors also decided to appoint a tax committee, which will review the entire tax situation as it relates to the automotive industry so that proper presentation of the subject can be made to congress when the subject of taxation is taken up.

Reports for the month of November showed that 13,499 cars were shipped in that month by manufacturers of the country, together with 6,000 driven away and 1,000 transported by boat. This compared with 25,430 cars shipped in November of last year, 10,000 drive-aways and 2,055 shipped by boat. Carload shipments for October numbered 17,184 as compared with 29,843 for October, 1919. Driveaways in October numbered 14,101 as compared with 13,402 in the previous October.

Big Crowds Expected.

As an indication of the immense attendance promised for the New York and Chicago national shows, S. A. Miles, manager, in a letter to exhibitors, declares that demand for exhibitors' invitation tickets to the New York show has already doubled that of last year, and the Chicago requests have increased 60 to 70 per cent.

At the first automobile show held in Chicago in 1909 there were in all a few more than 50 exhibits. At the 21st annual Chicago show to be held in the Coliseum and last regiment armory from January 29 to February 5, there will be nearly 400 exhibitors of motor cars and motor car accessories, and of this total 80 exhibitors will show different makes of cars. This does not mean that only 80 automobiles will be on the floor, for each manufacturer will display several models and it is estimated that more than 300 cars will be shown.

Auto Strides to Be Shown.

The coming show will demonstrate the strides made in the automobile industry. Only a few years ago the first show when motor cars were considered almost freaks, and in fact, when compared to the present-day models, were regarded as the "hobby horse" of the day.

Chicago's annual automobile show, which is held under the auspices of the National Automobile Chamber of Commerce and is a twin brother of the New York exposition held earlier in January, has become a national institution. Manufacturers and dealers of every make of car vie with one another to stage an exhibit of beauty, but there is also a practical side to each display. The latest models of cars are, of course, shown, and while body design makes a car attractive, it is the engine that now moves the car to the present-day motor prospect.

NEW PACKARD ATTRACTS

NEW NASH FOUR ALSO KEENLY
INTERESTS MOTORISTS.Many Call at Portland Motor Car
Company Quarters to See
Two New Models.

The announcement by the Portland Motor Car company of the arrival in Portland of the new Packard single six and the new Nash four has created no end of interest among the Portland motorists the past week, judging from the number who have visited the showrooms at 72nd and Burnside streets, where the new models have been on display. Manager S. V. W. Peters announces that orders for five of the new Packard and three of the Nash four have been placed and deliveries have been made on several already.

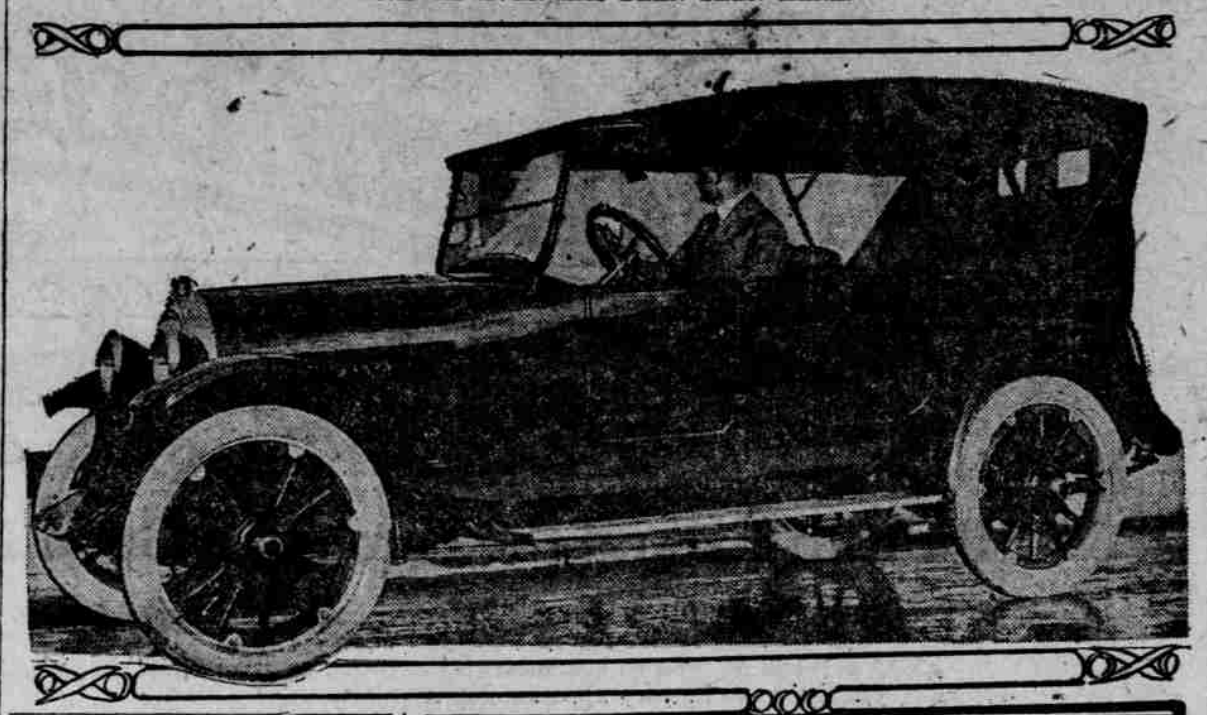
The salesmen have been busy explaining the features of the new cars, and especially is this true of the fuelizer on the Packard single six. With the present low grade of gasoline which Portland motorists are faced with, the problem of proper combustion is particularly vexing, and the interest in this Packard device was especially keen. The fuelizer in the new Packard is designed to break up the gasoline and put it in the best possible form to be turned into gaseous form. The argument of the salesmen in favor of this device can be borne out by simply looking at the device operating through a tiny window with which the fuelizer is equipped.

The sturdy construction of the new Nash four has been the subject of much comment on the part of the hundreds who have flocked to the showrooms the past week. The spring suspension is unusual and makes it, it is claimed, for elimination of vibration. In fact, according to those who have been privileged to ride in the new four, its riding qualities are unusual for a car of its small wheel-base. Peters has ordered special models for display in the auto show in January.

SPEEDS ADDS WEAR ON TIRE

Internal Heat Generated at Great
Speed Is Harmful.

One of the most expert tire men in the country recently called the attention of motor car owners to the manner in which tire wear increases with speed. The faster a tire travels, the more heat it generates internally. Normal speed does not increase the internal heat to a dangerous degree, but excess speed will not only raise the heat above the danger point, but may actually cause further vulcanization to take place. This heat not only dries out the friction gum between the ply of fabric but the very fabric itself, lowering the elasticity of the tire, decreasing its resiliency and weakening the tire so that it will blow out early.

INTRODUCING, LADIES AND GENTLEMEN, THE NEW OLDSMOBILE FOUR, AS CLASSY A LITTLE
CAR AS EVER HAS BEEN SEEN HERE.

BRITON PRAISES ESSEX

ENGLISH EXPERT ENTHUSIAS-
TIC OVER MOTOR.Essex, He Says, Has "Absolutely
Brightest, Liveliest Engine I
Have Ever Found."

It is a rare thing when an English motor journal devotes any space to praising the merits of an American-built car, but in a recent issue of the British motor journal Autocar is an interesting opinion by S. F. Edge, Mr. Edge is a recognized authority. Few men outside of America have attained such an international reputation in the motor car industry. Commenting on one American car he says:

"Another of the five cars I used during the last few weeks was one I cannot help mentioning, the four-cylinder Essex, with an R. C. rating of 18.4 horsepower. It is an American production, with absolutely the brightest, liveliest little engine I have ever found in an American car; in fact, this motor might really have had a Coetlan or a Pomeroy as its sponsor."

"Quite outside the engine's merits, however, the whole car is good, pleasant to use and striking. The steering is light and easy; the springing is good; the brakes are good; in fact, everything to do with its driving is most satisfactory. The price charged, too, is very reasonable for what is given, by comparison with the prices of other cars."

"The ability of the Essex to climb hills on top speed, and yet give one a comfortable 45 miles per hour with four people up, is unequalled in my experience of four-cylinder cars of same engine dimensions. It is really surprising that one can still fall across good cars, quite unexpectedly."

I heard of the Essex through a friend who often tells me of swans which turn out to be geese; but I ignore his exaggerations, because there is generally at least one swan-like attribute about anything he commends, and I like enthusiasm, even when it is not altogether disinterested."

"But this case my friend had certainly not overstated the facts, and I was most intrigued to find an American 'four' of such flexibility, liveliness and substance, notwithstanding its quite moderate all-on weight."

CHEVROLET WINS BIG RACE

American Cars Make Great Records
at Barcelona Classic.

Word was received this week by the Fields Motor Car company, local Chevrolet distributor, of the success of the Chevrolet racing car at Barcelona, Spain, piloted by Senor Carlos Pizaza. The course followed a rough road extending from Barcelona along the shores of the Mediterranean sea and back to the starting point. Three days was the time necessary, so had were the roads.

The racers averaged 35 kilometers an hour and for the first half day the contesting cars were neck and neck until the steep and long grade of the San Hilario hill was reached. Here where the little Chevrolet proved its worth and took the lead, which it held until the finish, which it won.

Senor Pizaza, by skill of his driving, earned 565 points, while the second car to finish, also a Chevrolet, had a grand total of 563 points. The second Chevrolet was piloted by Count Francisco Cepeda and was also awarded a gold medal. Senor Pizaza is one of the veteran automobile racing pilots of Spain and in 1917 he won the Cataluna handicap with his Chevrolet and also the 1919 event.

According to Richard Lonsdale, known as the king of motor hobs, the box car hobo is passing. Lonsdale travels about the country bumming his way via the soft upholstered cushions of automobiles.

REO SEDAN PROVES "COMFY" WINTER CAR FOR
PORTLAND YOUNG WOMAN.

Miss Della Griswold and Reo car which she recently purchased from the Northwest Auto company. Miss Griswold is shown seated in the car and standing is Miss Kemmer, who is a great big cog in the advertising machinery of the Northwest Auto company.

SANCTION IS GIVEN
PARK-TO-PARK LINKAutomobile Association Is
Unanimous in Approval.

ROAD CONNECTIONS NEED

United States Expected to Form
International Alliance for
Automobile Licenses.

WASHINGTON, Dec. 18.—Unanimous approval of the early linking up of the National Park-to-Park highway was given by the American Automobile Association at a well-attended meeting of the executive board held at its main headquarters in the national capital with President Jamison in the chair. While many thousands of road tourists visited the national parks during the past summer, it is realized that these playgrounds of the nation will not serve their maximum purpose until highway connections are established of such character as to make it possible for the traveler to plan his journey successfully and conveniently. Even if congress dissents from granting a specific appropriation for connected roads to these scenic and recreation areas, it is certain that the states will see to it that their apportionments of federal road money will not disregard this important work, besides which, in some instances, even the counties will be helpful in the premises.

Route Laid Out.

In the laying out of the Park-to-Park route this year, the American Automobile Association supplied as a pathfinder its experienced field representative, A. L. Westgard, who has a transcontinental touring record second to none. Stephen E. Mather, director of the national parks service, lent valuable aid to President Holmes and his fellow enthusiasts of the Park-to-Park undertaking, which encompasses a dozen parks and monuments and passes through as many states. At the Denver meeting of the highway association the Zion Park in Utah was added to the list.

The American Automobile Association at its meeting here went on record against the proposed irrigation reservoirs in the Falls river basin of the Yellowstone. Such action, it was asserted, would mean opening up the way for the commercialization of the national parks.

For those Americans who have time and opportunity to indulge in foreign road travel while their own country is providing itself with interstate highways, the American Automobile Association is gradually renewing the conveniences which existed previous to the war. The most recently added thing has to do with securing the trip issued by the Touring club of Belgium before taking ship for the other side. The American Automobile Association issues the document to members and guarantees the return of the car to the United States before the deposit is returned to its owner. With the Automobile Association of Great Britain a similar arrangement was consummated several months ago, and it is not unlikely that other countries will be provided for in the same manner.

Touring Alliance Active.

It is expected, however, that in the comparatively near future the International Touring alliance, of which the American Automobile Association is the American member, will be able to establish with the principal European countries the international trip to supplement the international plate of identity whereby the car owner can obtain from his home government a number which takes care of the registration of the car and its driving. Unfortunately, the United States is not a signatory to this international agreement, but in the present congress the American Automobile Association and the other touring organizations with which it co-operates will make a determined effort to have a bill covering the entrance of this country into the international convention passed.

PORTO RICO HAS HIGHWAY

Thousands Miles of Good Macadam
Open Tropical Scenery.

A thousand miles of splendidly kept macadam roads, across the mountains and along the coast, through marvelous tropical scenery, make the island of Porto Rico, in the West Indies, a paradise for motorists, says a writer in Motor for December.

These roads, across the interior of the island, cut into the sides of peaks more than 3,000 feet high, and skirting the edges of precipices, often with a sheer drop of 1,000 feet, are a marvel of the principal consideration.

Low Gear Ratio With Trailers.

When the truck operator purposes using the equipment he will find that the motor truck manufacturer generally offers an option in gear ratios. In this case it is advisable to select the lower ratio for use with the trailer. A greater weight can be handled with the lower ratio. This, of course, applies when total tonnage, rather than speed in delivery, is the principal consideration.

The Philadelphia Guarantee Covers

Insulation Too

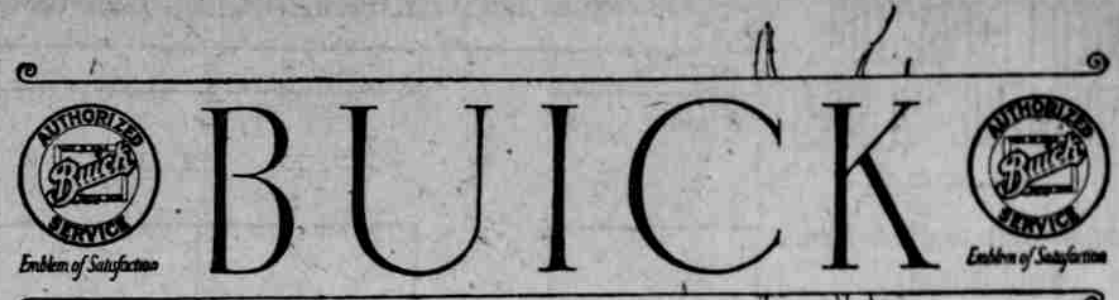
INSULATION is an essential part of a battery. Its possible failure is covered by the Philadelphia Two-Year Guarantee just as the failure of any other part.

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With the PHILCO Storted Retainer

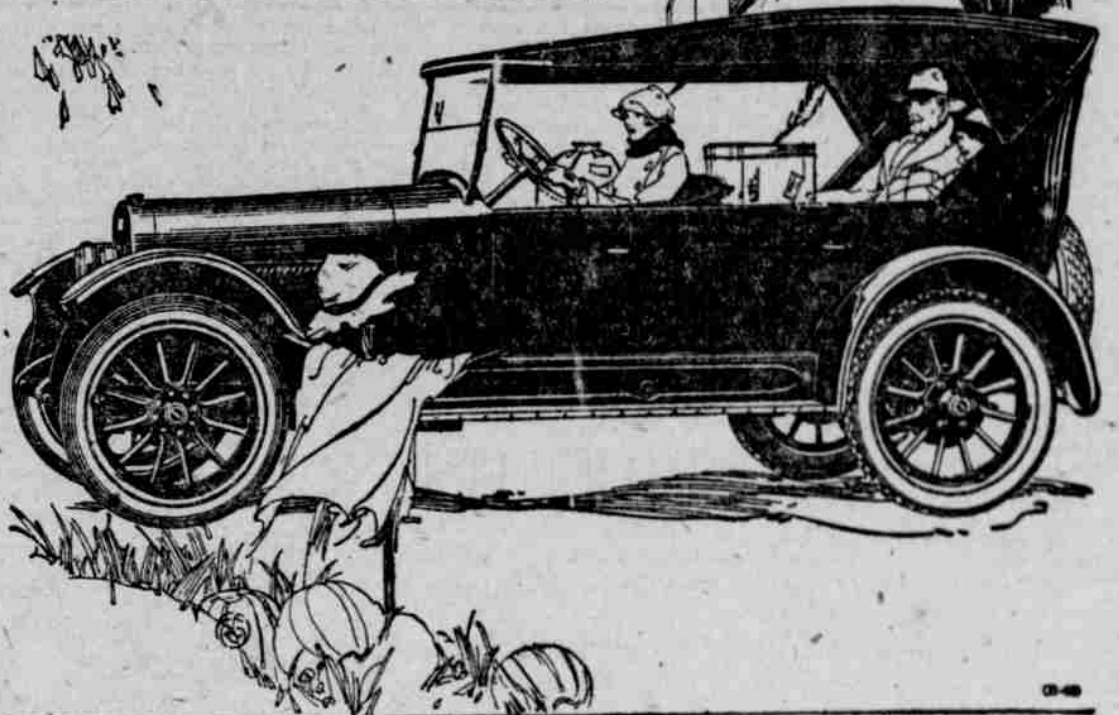
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Immediate Deliveries on 1921 Models

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Largest Distributors Automobiles in the World—San Francisco, Oakland.

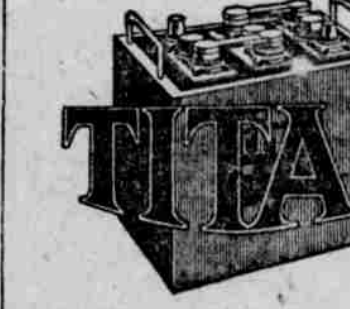
WHEN BETTER AUTOMOBILES ARE BUILT, BUICK WILL BUILD THEM

of road building and unequalled as an engineering feat by modern road-builders.

The main road left by the Spaniards, the famous military road, or Camino Real, was built 400 years ago and when the Americans took possession in 1898 this road was in an as perfect

condition as when it was built. The roads were built by slaves and kept in repair by their labor up until 1873, the famous year of emancipation. Overseers were established in road houses every few miles, each overseer being responsible for the up-

keep of the stretch of road between his house and the next. It is this system of road maintenance which has been adopted by the government and which accounts for the perfect condition of the Porto Rico roads to over a hundred years of age.

Avoid
AccidentsSpecial prices on
Automotive Equipment
for one week only.

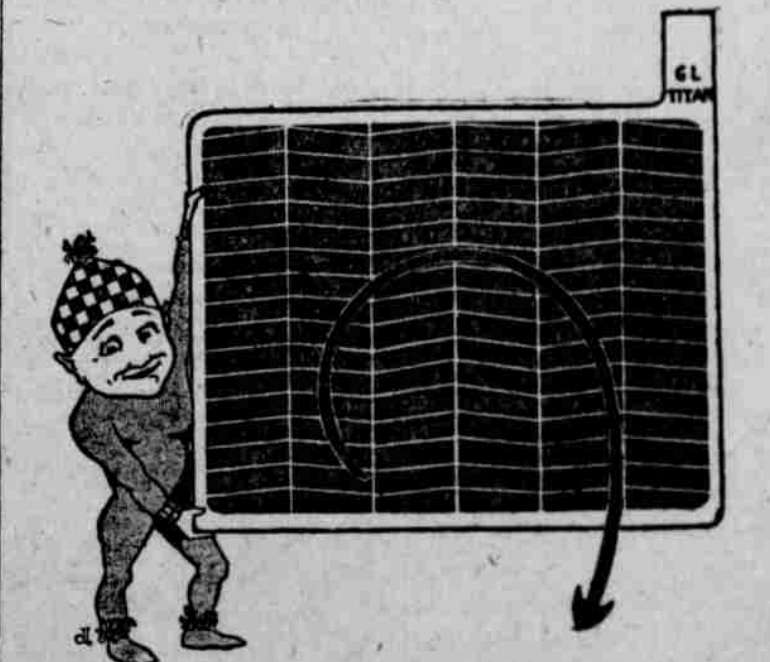
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Cleaners

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