

# DELAY IS CAUSED BY THE SHORTAGE OF FREIGHT CARS

Firms Take Up Plan of Campaign to Keep Cars Moving; Dealers Asked to Assist Factories in Work.

The seriousness of the situation among the automobile factories of the United States, occasioned by the shortage of automobile freight cars, is an alarming one that active campaigns have been inaugurated by all of the railroad companies and the larger automobile concerns, toward keeping automobile freight cars moving and keeping them for the automobile traffic.

Among the leaders in the campaign is the Buick Motor company and circular letters to its branches and distributors have been issued, describing the situation as follows:

"The serious shortage of automobile freight cars makes it very important that such cars be sent back to the home roads as rapidly as possible, also cars should be unloaded immediately by your dealers, so that they can be put into further service.

"Notwithstanding the general rules and the efforts of railroads to cover these points, we believe you can do much good if you will notify your dealers of the serious conditions confronting automobile shippers and ask them to promptly unload any car loads that might be shipped and bring it to the notice of your local agent, asking their cooperation toward returning automobile cars for automobile loading.

"When an automobile freight car is loaded at destination, the freight agent is liable to give it a load that will keep it out of the automobile service indefinitely. The disposition of automobile cars when empty is an important point and dealers can get reports on same from the agents enjoying their patronage and report back to you or direct to us at the factory when roads refuse to give this equipment such attention that will tend to keep it in the automobile service.

"Agitation of this matter through dealers will reach directly freight agents at the points where automobile cars are and will help mightily toward loosening up the situation here. Therefore, if you will bulletin your dealers to report to you promptly when the cars are unloaded and the disposition the local agent makes of same and you advise us, it may help a lot in relieving this congestion."

## ISSUE BULLETIN ON ROAD CONDITION


Diamond Rubber Co. Resumes Feature for Aid of Motorists.

During the latter part of the touring season of last year, the Diamond Rubber company established a bureau of information on road conditions in Oregon, where the tourist could receive information very valuable, not only as to road conditions, but as to the best accommodations and where automobile sundries could be obtained while motoring through the country.

Although rather early for any extensive tours, the popular demand for this information from the department of personal service has prompted us to again establish this bureau of information on road conditions, and we have at the present time data from all parts of the state as to the present condition of the surrounding roads. This will be kept up to the minute, and anyone intending to tour the country is invited to come in and receive the benefit of this most valuable information.

Every Sunday The Journal will print "A Proposed Tour, or One Day Outing Trips," giving the road conditions, activity of sheriffs' deputies, condition of bridges and where accommodations and supplies can be had; also the improvements on the roads in general throughout the state.

The Base Line Road, Foster Road and the Powell Valley Road are all in excellent condition, and anyone looking for a pleasurable afternoon will make



**Polarine**

It Is Not Always Fair

to blame carbon troubles on the oil. An improper mixture may often cause carbon; so may carrying oil too high in the crank-case, or driving with a retarded spark.

So far as your lubricating oil is concerned, you can always keep free from carbon trouble by using Polarine.

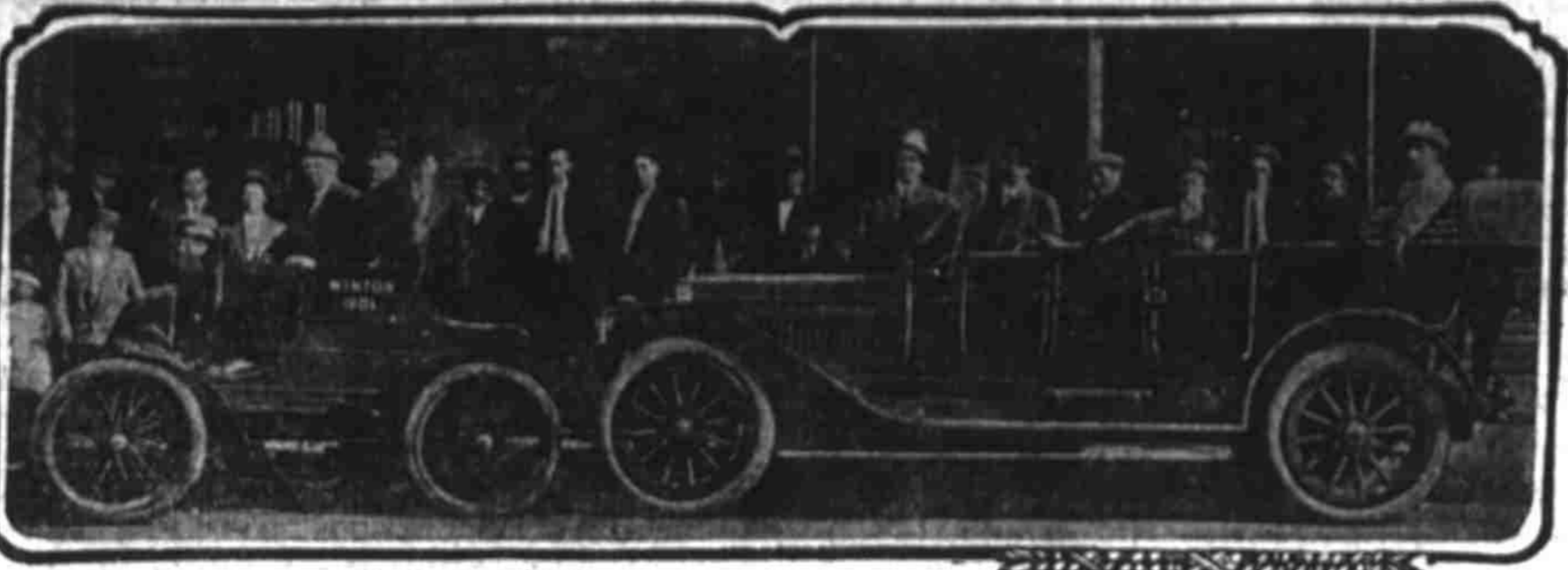
Polarine Oil contains no free carbon, yet it retains all the real lubricating properties.

It does not break up or lose body under high temperature or severe friction. It affords complete, uniform lubrication in hot and cold weather alike.

Our Polarine booklet tells all about Polarine Oil, Transmission Lubricants and Greases. Write for your copy today, to any agency Standard Oil Company (Incorporated)

## Automobile Manufacturing Sets New Mark in Industrial History of the World

Starting From Small Beginning Machine Shops Have Grown Rapidly in Past Decade; Thousands of Men Are Kept Employed; United States Leads All Other Countries; Progress Has Been Phenomenal; Financial Rating.



1912 model Winton car and a 1901 model Winton. First of series to appear in Journal showing old and new machines made by prominent automobile dealers of the United States.

Industrial history of the world records no such growth as that established by the automobile manufacturing business in the United States. Its advancement along all lines has been nothing short of phenomenal. From obscure machine shops have risen wonderfully equipped factories employing thousands of men, while from a financial standpoint the industry has grown to such tremendous proportions that the motor car business is now classed among the leading institutions of the nation.

In the comparatively short space of 10 or 12 years the industry has witnessed the evolution of the gasoline propelled vehicle to one of the most luxurious and comfortable modes of transportation. Figures have told of the meteoric growth of the business from a

no mistake as these roads are in better condition than they have been for some time.

The Linton Road, Germantown Hill and Sky Line Boulevard, the trip suggested for today, makes one of the most scenic drives imaginable. One who has not been over this drive does not imagine what beauties we have at our very doorstep, and many have driven hundreds of miles looking for nature's beauties, when we have them waiting for us within less than an hour's drive from home.

### NEVER TRY TO MEND SPARK PLUG ON ROAD

One very good reason for the absence of spark plug trouble today, as compared with the period of three or four years ago, is that motorists have learned to let their spark plugs alone. The moral is plain to see. When a plug is suspected of giving trouble never attempt to mend it on the road. Replace it with a fresh one and do the repairing some other time and under more favorable circumstances. The rule holds good even if the difficulty appears to be nothing more than a loss of compression, due to leaky packing.

If acetylene headlights upon lighting show a yellowish flame, look for a leak in the gas connections. If everything is tight the lamps will begin to burn with a bluish flame which immediately turns into a bright white light.

financial standpoint, but to the man with the black box and tripod has been entrusted the task of recording for the eye the progress in body construction. The engineering forces of the big manufacturing plants have brought the mechanical problem down to the state of perfection.

**Great Growth Shown.**

Eleven years of progress in motor car construction is portrayed in the accompanying picture of the two models of Winton automobiles. They stand out as forceful illustrations of the rapid advancement recorded in the space of little more than a decade.

On the left is shown a 1901 model, regarded in its day as one of the finest products of the industry. On the right is one of the luxuriously equipped and

## 'WIN' BARNDOLLAR WILL DRIVE AUTO

Racing Expert Will Enter Contest at Indianapolis Memorial Day.

Not since the days of old "Whistling Billy," which is now in storage in Portland, and Webb Jay on the Florida beaches, has the name of White been heard in the motor car racing sport until now, when the announcement is made that a White "Six" gasoline car has been entered in the second annual 500-mile International Sweepstakes race at the Indianapolis Motor Speedway next Memorial day, with "Win" Barndollar nominated to pilot it through the long grind. The entry was made by the White Motor Car company of Indianapolis, and Barndollar will take the big six cylinder creation into the contest for that branch.

The latest entry to the half-thousand mile grind has a piston stroke of four and one-quarter inches and a cylinder bore of 5 1/4 inches, giving a piston

displacement of 489 cubic inches under the peculiar White bonnet. With 114 inches wheel base and a clearance of but five inches the new speed car will be specially built for the two and a half mile brick track.

Although Barndollar has been a racing driver since 1906, he has intentionally kept from the public eye because of a desire to keep his professionalism from his family. However, he has announced his willingness to take his chance with the new speed car, and comes out openly as its pilot in the Memorial day race. He has been successful in many road work track events and will prove a fit contender for the other "speed monarchs" who have been listed to send their cars through the five-century route.

This entry makes the fifteenth to list in the nation's greatest event, and from now until the time of entry closing, May 1, there will be added starters which are certain to bring the contest into a class even greater than the first 500-mile race.

## DESCRIPTION OF MOTOR CARS FEATURE OF BOOK

One of the most comprehensive illustrated books giving descriptions of motor cars, has just been issued by the automobile board of trade. It is the fifth annual handbook of gasoline automobiles, prepared annually for the information of the public who are inter-

ested in the manufacture and use of gasoline driven vehicles.

The present volume is one of the largest ever issued and contains 167 pages with illustrations of cars made by the many manufacturers.

The illustrations, including various body equipments, cover more than 500 different models, giving particulars and prices of each, together with the A. L.

car, but old 1901 is not yet ready for a trip to the junk heap.

So well has the veteran machine come to be known in the southern California city that it is regarded now as one of the objects of interest to visitors and a standby to the residents. Several weeks ago The Journal printed in its automobile section a story requesting that the photographs and history of the different old automobiles still being used on the Pacific coast be sent to the automobile editor for publication. Mr. Mantell, manager of the Portland Motor company of this city, Oregon agent for the Winton, has been one of the first to supply The Journal with a picture and data concerning one of the old make cars. The above car shows the efforts of Mr. Mantell, who will be the second to join the Old Car club.

A. M. horsepower rating, which is the standard form of rating and used by most of the states where horsepower rating is considered, and by insurance companies.

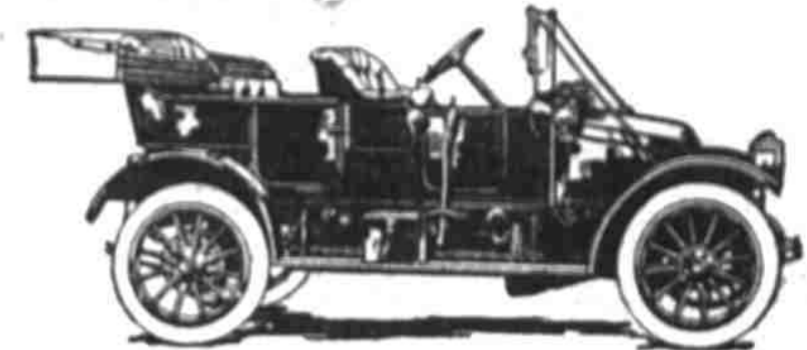
### Turpentine Better Than Oil.

A motorist who, like many others of his kind, had used a mixture of graphite and oil to make a tight joint where the bearing surface were narrow, and who found that he could not keep his joints tight by this means, hit upon the idea of mixing graphite with turpentine instead. The scheme worked like a charm. He also used the mixture to rub on his exhaust manifold when it

wanted it to look like applying it with a piece of waste while the pipe was hot. The result was highly satisfactory, and though the putty-like substance was not by any means permanent, it was so easily applied and so cheap that the shortcoming could be overlooked.

Insert a washer between the two parts of a broken valve spring, which will prevent them from working into each other and will allow the spring to remain in service until a new one can be put in. The washer must be of such size that the broken spring ends cannot pass it, either through the hole or over the edge; it should be wired in place.

## FRANKLIN Model G, 25 H-P \$2000



A small car that carries the reason for its price and the proof of its quality in every feature of its construction.

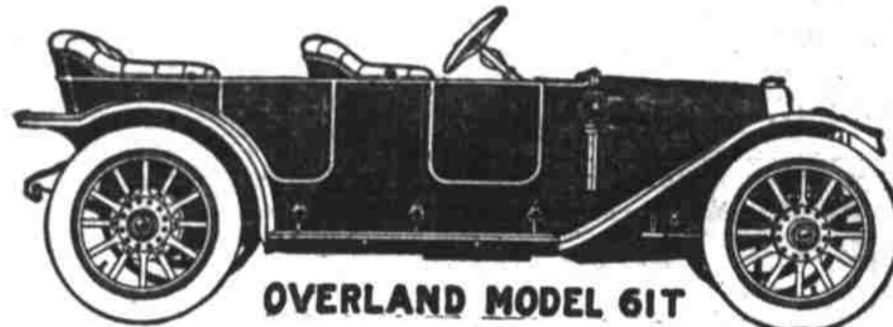
The same material and workmanship of the larger Franklin models. Ask any dealer for a price on a second-hand Franklin G. The high figure named is the best indication of the value of the car.

**Braly-DuBois Auto Co.**  
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# Overland

## A Practical Comparison

This 45-horsepower Touring Car \$1750 f. o. b. Portland.  
Self-Starter \$20 Extra.



OVERLAND MODEL 61T  
Model 61-T \$1750

Wheel base 115 inches; body, 5 passenger fore-door touring; motor 4 1/2 x 4 1/2; horsepower 45; Bosch magneto; tires, 34x4 inch Q. D.; finish, Brewster green, ivory stripe, all bright parts nickel plated; 3 black and nickel oil lamps; 2 black and nickel gas lamps with gas tank. Price \$1750.

Right now the Overland is outselling any other similar car in the world. Would this be possible, if we did not give more car, and a better car, for less money than any other maker in the business? We have just received at our Portland branch a large shipment of Model 61-T's, and by all means you should see this car, have the salesman take you out for a demonstration, and look the car over point by point before you buy. It surely should not take much to convince you that the purchase of a car for \$1750 which generally sells for \$2150 is good business. And we can prove by a point-for-point comparison that our \$1750 car is the part-for-part equal of any \$2150 car in Portland or America today.

**It Will Give You the Comfort, Speed, Seating Capacity, Service and Wear of Any Car**

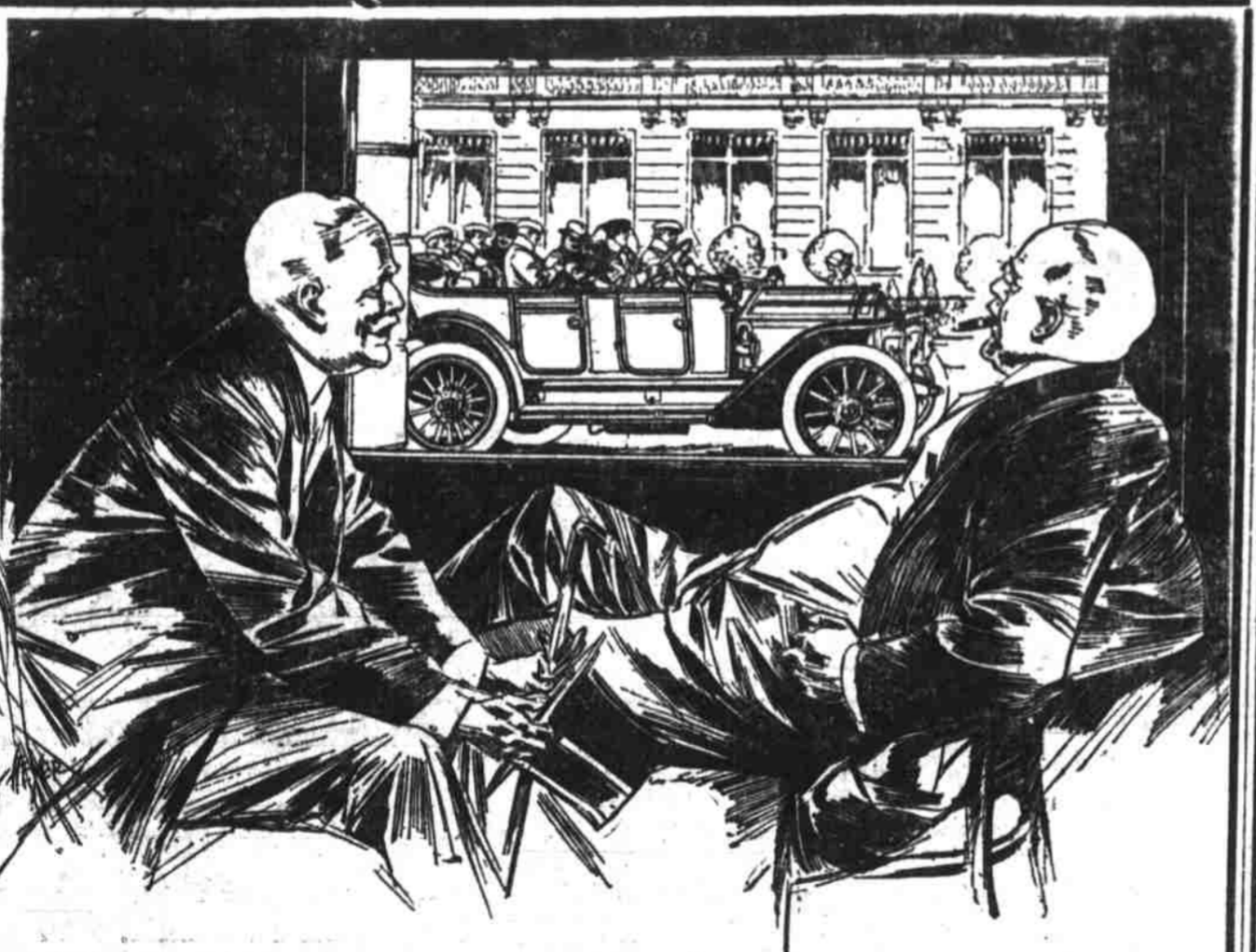
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