

### SAFETY CARDS TELL LESSONS OF CARE

Little Caution Often Prevents Serious Accidents.

### JAY-WALKING DANGEROUS

Pedestrians Sometimes as Much to Blame for Injuries as Driver, It Is Pointed Out.

NEW YORK, May 20.—The past week has been observed in many parts of the country as "Safety week," and some startling statistics regarding accidents have been made public. In 1921 there were more than 1,500,000 people killed and injured in automobile accidents—more than six times the number of Americans that were killed and injured in the world war. These accidents caused disabilities and property damage amounting to more than \$1,000,000,000.

### Jay-Walkers Cause Trouble.

The first one is to "Cross the street at the corner." The people who cross the street in the middle of the block are known as "jay-walkers" and are the cause of many avoidable accidents. The place to cross the street is in the downtown districts at the corner, and the time will undoubtedly come when "jay-walking" will be a violation of the law, just the same as passing a street car that is taking on passengers.

Don't be a jay-walker. The next suggestion is also directed at the pedestrian—"Look before you cross."

It seems absurd to have to tell a sound-minded man to look before he ventures out into the street, but if one will stand on any street corner for five minutes he will see person after person start across the street, heads down, walking with as much nonchalance as a debutante strolling across a ballroom.

### Careful Driving Needed.

In capital letters, the "drive carefully" hit the road between the eyes. Every person who has ever driven knows what this means.

Next comes the most important, or possibly the most important, piece of advice on the whole card, "Always give the hand signals." Upon investigation it was found that a majority of accidents are caused by the failure of the driver to give the hand signal. It is such an easy matter and requires but an instant to give these signals, which tell the car behind exactly what you intend doing and the pedestrian on the corner which way you are going to turn. Failure to give them is inexcusable.

### Brakes Often Ignored.

Motorists in general do not attach sufficient importance to the brakes on their cars. They will drive and drive, knowing all the time that their brakes are not 100 per cent, without once considering the possibility of which would be theirs in case of an emergency. A well-known brake lining company has compiled a chart which shows the distance in which a car should stop when going at different speeds. Unless a car can come within this standard it is dangerous both to the driver and the pedestrian. When the brakes are not as they should be the time to get them fixed is right now—tomorrow may be too late.

In the interests of the pedestrian the card asks the driver: "Give the pedestrian a chance." At the intersection the pedestrian has a right to cross. If by slowing down for the smallest fraction of a second one can allow someone to pass without causing him to jump for his life, do so—it is merely being courteous. Another way in which the driver can cooperate to make walking more enjoyable and safer is to stop behind the white line and by approaching the crossing at a sensible speed when it is apparent that the "Go" signal will not turn for him for a minute or so.

### Watch Car Ahead, Advice.

"Watch the car ahead." This advice is intended for the youth—and some of the older men—who watch the sidewalk when driving downtown rather than the car in front of them. "Slow down at crossing." This complies with this or some day the driver is going to be calling the insurance company, or perhaps some friend will be calling up the undertaker.

"Obey the law" are indeed words of wisdom, yet how many let their cars remain parked overtime? How many run on past a street car that is loading or unloading passengers just as though no car were there, thinking and hoping that the conductor was too busy to get the number or that all the motorcycle men had left for parts unknown? How many resist the temptation to push the accelerator to the floor-board when reaching a nice stretch of paving?

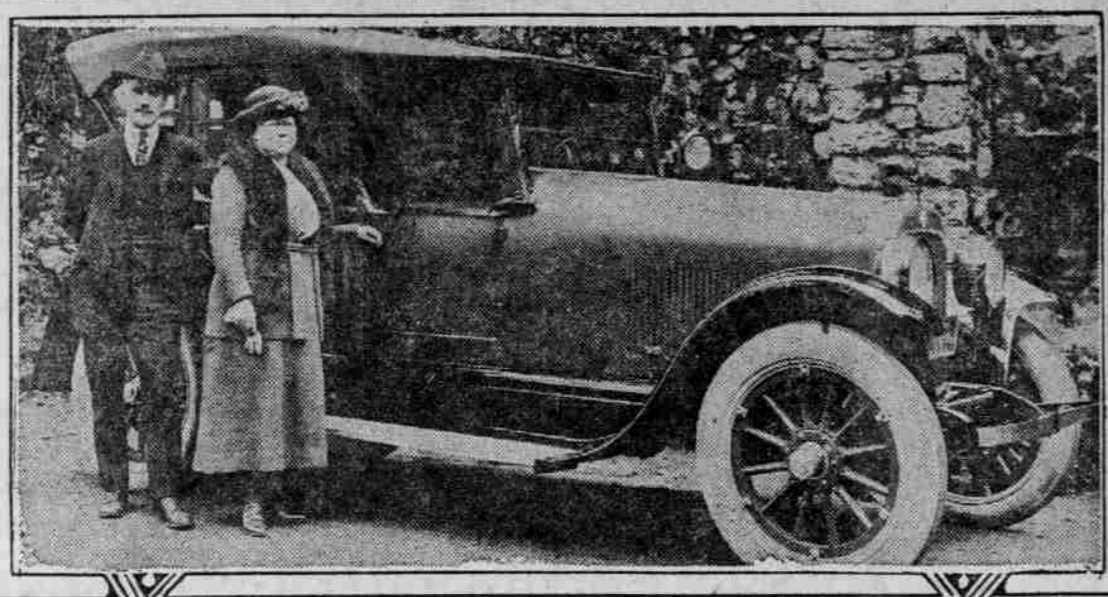
How many ride over the safety zones and park the cars without any lights, or have the license tag covered with mud, or a hundred and one other things which cause one to spend an enjoyable two hours or so "explaining" it to the police? How many, while speaking of the law, remember that ignorance of the law excuses no one. In this connection it might be a good idea to get a copy of the rules and regulations and see just how many of them will be foreign to you the first time you read them.

### BAKER WILL ENTER CONTEST

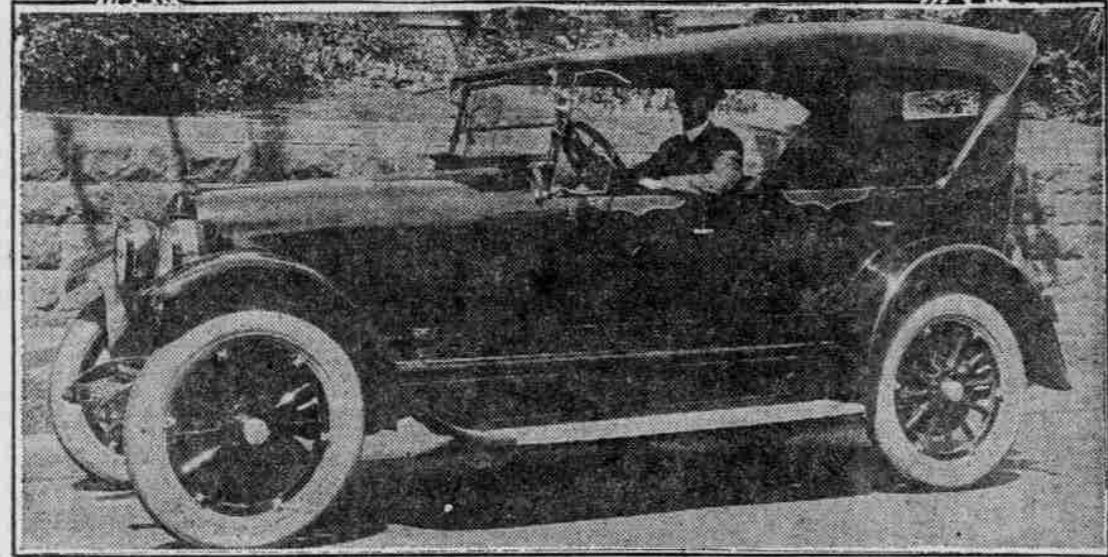
Driver to Compete at Indianapolis Despite Recent Injuries.

INDIANAPOLIS, May 19.—Cannonball Baker, famous transcontinental speed king, entered in the 500-mile drive at Indianapolis Tuesday, May 20, who was recently injured at Coff. Cal. while attempting to drive a motorcycle from coast to coast, has returned to Indianapolis, and will be in the race, despite his injuries. Baker, who is noted for his endurance, has been around the course for several days and his Frontenac speedster is ready for him. "A little smashup like I had won't keep me out of the big race," he said.

### TWO MORE ARE ADDED TO HAPPY JORDAN FAMILY IN PORTLAND TERRITORY.



Above—Mr. and Mrs. J. Collic of Oregon City and the Jordan car purchased by them last week from Mitchell, Lewis & Staver, local Jordan distributors. Mr. Collic is superintendent of the Oregon City woolen mill. Below—K. T. Lane of the Lane Painting company of this city at the wheel of new Jordan car purchased by him from the local distributors.



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### STANDARD TO BE FIXED

BALL BEARINGS TO BE UNIFORM INTERNATIONALLY.

First Standards Established by Society of Automotive Engineers in 1911 Adhered To.

NEW YORK, May 20.—The American sectional committee on ball bearings has taken action which indicates that international ball bearing standards will be established in the near future.

Ball bearings are used more extensively in the United States than in any other country, due to their general use in automotive vehicles. They are being used in increasing number, however, also in industrial machinery, superseding the plain type of bearing.

At the present time ball bearings of the same general type and nominal size are interchangeable. It is thus possible for automobile service stations to replace bearings with no loss in time, due to the fact that it is necessary only to carry a line of standard bearings in stock. But if these standards did not exist, it would be necessary for service stations to carry in stock a complete line of bearings as manufactured by the different ball bearing manufacturers or, if the cost of such a large stock were too high for a service station, it would be necessary to hold a car with a broken bearing out of commission until the right size and make of bearing could be obtained from the manufacturer.

The first ball bearing standards were established by the Society of Automotive Engineers in 1911, S. A. E. Standards having been established subsequently for all the types and sizes of bearings generally used. These standards are not "paper standards," but are adhered to by all manufacturers of ball bearings, the manufacture of odd-size bearings being limited to special applications.

As the exporting of automobiles by American manufacturers has become

### NEW SALES MANAGER FOR WILLYS-OVERLAND.



J. J. Miller, Appointment of J. J. Miller as sales manager for the Portland branch of the Willys-Overland Pacific company, Overland and Willys-Knight distributors, was announced last week. Mr. Miller, taking over the reins at the local company quarters at Broadway and Davis streets at once. Mr. Miller came to Portland several months ago from Detroit, where he was engaged in the automobile business for several years. He joined the sales force of the local concern and his record there was such as to win him the promotion to director of retail sales. Mr. Miller is an experienced Overland and Willys-Knight man, having been for seven years with the Simon Sales company of Detroit, Overland and Willys-Knight distributors for Michigan, and perhaps the largest retail organization handling Willys-Knight cars in the entire country. Mr. Miller predicts that this year will be the greatest in the history of the Willys-Overland organization and declares that a shortage of cars on the Pacific coast will not be unusual within a month if present conditions continue.

### VIBRATION TEST UNIQUE

PENCIL STANDS ON RADIATOR CAP WITH MOTOR GOING.

Demonstration to Convince Public of Steadiness of Car Is Devised by ex-Ace.

DETROIT, May 20.—The "no vibration" feature of the Rickenbacker Six has created so much interest in the country over that Captain Eddie V. Rickenbacker has been casting about for some novel way of demonstrating to the public just what "no vibration" means in a motorcar. Accordingly he has devised what is termed the "lead pencil test."

This bearings that stood up under short trips at comparatively low speed won't stand mile after mile at or above the speed limit. And at 25 miles an hour they will heat up so rapidly when nearly dry, or filled with old and dirty grease, that the first warning to the owner will be the bump, bump of a burned-out bearing, or a crystallized or broken rod or shaft. Then it is too late, and on the desert or in the mountains repair shops are far away and parts difficult to obtain.

Schools and colleges throughout the United States are to be enlisted in a national way to teach the coming generation all about highway engineering, automobile transport, traffic regulations and safety.

### COVEY FIRM GETS BOOST

Maxwell-Chalmers Factory Bulletin Praises Local Organization.

The Covey Motor Car company is given a splendid boost in the latest issue of the Maxwell-Chalmers factory publication, just received here. A large photograph of the entire Covey organization, including 115 employees, gathered in front of the building at the corner of Twenty-first and Washington streets, is printed, with the following article beneath it:

"The Covey Motor Car company, Maxwell-Chalmers distributors, Portland, Oregon, employs a small-sized army, the picture, herewith, showing but a few of their 115 employees. Established since 1905, the cars handled by this concern have always been in the lead in its territory.

"In speaking of the activities of the institution, president H. M. Covey writes what we believe to be an outstanding achievement on our part, was increase in our total volume of business during the year 1921 of approximately \$300,000. We attribute our success chiefly to the extraordinary effort to give what we feel is proper service. We first equipped ourselves with a large building and as the business grew, organized it into various departments, making it our business to see that these departments give service and we consider and courteous representatives. We have succeeded in establishing an enviable reputation with the public for giving service and we consider that it has proven very profitable because, in spite of the depression, our business has continued to grow."

### Wheel Hubs Need Cleaning at Least Once Each Year.

King Bolts Should Be Lubricated if Steering is Difficult.

AS A CERTAIN amount of dirt and grit finds its way into the wheel hubs it is advisable to remove the wheels at least once a year for cleaning.

It is not absolutely necessary to remove the king bolt for cleaning, but should you have difficulty in steering, do so by all means.

It is advisable to jack up the front end of your car while greasing the king bolts in order that the small play at this point permit the lubricants to flow over the entire bearing surface.

Bear this in mind: Grease is not half as expensive as spare parts—use plenty of grease.

The bearings are generally lubricated from the differential housing. In this case the differential lubricants flows along the axles through the rear housing and to the wheel bearings.

The lubricant in the bearings is held in by felt washers. Occasionally leakage results, due to the hardening of oil in these washers. It is important, therefore, that the wheels be removed for inspection once or twice a season and new washers replace the old ones if necessary.

There are many cars fitted with plugs in the wheel hubs for bearing lubrication. Grease should be forced into the hub of this type of car every thousand miles.

The leaking of grease about the hub flanges of a full floating axle can be stopped by making a gasket of common wrapping paper and inserting it between the flange and the wheel. You can easily make your own gasket after removing the flange by laying the wrapping paper on the flange surface and taping its outline with a hammer.

Don't fail to give the proper signals when you are stopping, turning or changing the course of your machine.



### Call Bearings Service for Bearing Information

We have complete factory records showing the exact Hyatt, New Departure or Timken bearing needed for any application in any motor car, truck or tractor ever built.

Bearings Service Company Portland Branch 24 N. BROADWAY Broadway 3790

### Empire Tires

High Quality—Low Prices

Table with tire sizes and prices: 30 x 3 1/2 \$ 9.25, 32 x 4 \$18.35, 30 x 3 1/2 \$14.50, 32 x 4 \$26.10, 33 x 5 \$40.40, 34 x 4 1/2 \$34.00

COFFEY & CONWAY 27 North Park St.

### OVERHAULING IS HELPFUL

MOTORISTS NEED TO CHECK ON CAR OPERATIONS.

Getting Ready for Long Trips Now. Bearings Need Tests.

The subject of preparing a motor car for a long vacation trip is one that is on the minds of almost every motorist in Oregon at the present time. The overhauling and checking up all around that everyone realizes is a necessity, is an onerous task at best, but it repays the car owner a hundredfold in the absence of trouble when far away from home.

There is no question but that re-grinding valves and checking up on bearings is an important item in preparing for the call of the great outdoors. A bulletin of the Alomite Lubricator company, "The proper and efficient lubrication of the same car, however, is still more important, for you may run a long distance with badly-pitted valves and suffer nothing more important than slight lack of power and annoyance. If you neglect your lubrication you are almost certain to have burned-out bearings, squeaky springs, noisy gears, and you are heading rapidly toward the repair shop, where you probably will face a man's sized bill for replacement of badly-worn bearings and parts."

A motorist will very often run his car around the city streets day after day without thinking of oiling shackles, bolting steering gear or hubs. He does not realize that he is neglecting his car, and on the short trips he makes around the city the car may be run a long time without complaining sufficiently for him to notice it. If he takes the car off his regular route, however, and starts off on a long fishing or hunting tour up into the mountains or across the desert, he very likely will run into a lot of trouble.

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Schools and colleges throughout the United States are to be enlisted in a national way to teach the coming generation all about highway engineering, automobile transport, traffic regulations and safety.

### SAMSON SUPER SIZE CORDS



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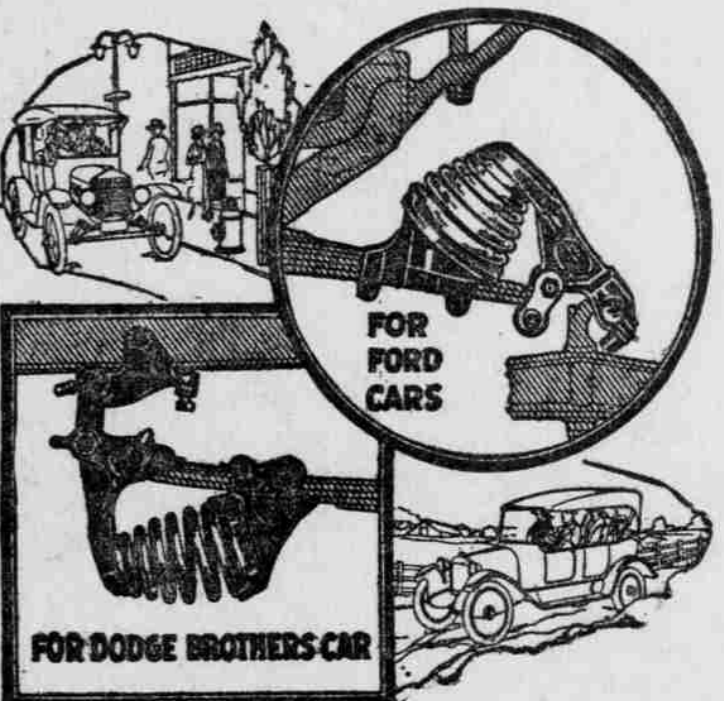
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Los Angeles

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