

### BE PREPARED IF YOU WOULD ENJOY TOUR

Trouble on Long Trips Result of Carelessness.

### HINTS FOR YOUR OWN GOOD

Here's a List of Some Things Careful Motorists Will Take Along With Them.

With the advent of the warm days comes the auto tour. It may be made a delightful experience, treasured away in memory, or a series of frightful, dolorous events, a nightmare as we recall it later.

It depends not upon luck, but upon preparation, personal and material. Personal preparation consists in

and labeled, as they will be used seldom. Naturally pliers of one or two sizes, a small hammer, wrenches to fit car nuts, a cold chisel or two, tools for tire and engine valve removing and the regular tools used about the car should be in the tool box. Your particular fancy may suggest other equipment.

Because of the multitude of cars on main highways more comfort and less dust would be had by planning a trip off beaten paths, for there are plenty of good, or at least fair, roads not mentioned in the average tour suggestion. They are shown in the guide books and one may prefer less company and more opportunity to enjoy nature at her best.

### TO LINK THE NATIONAL PARKS

First Link in Great Highway Recently Opened.

HELENA, Mont., July 26.—The first link in a great motor highway connecting the national parks was opened recently for Yellowstone and Glacier transportation. It has been designated as the Geysers-to-Glacier motor trail. Ten passenger motor buses will be operated on regular daily schedule, and a fleet of 275 cars will carry tourists between Yellowstone and Glacier parks. Soon the second link will be ready. This will be the road connecting Rocky Mountain and Yellowstone parks. It is the aim of the government to develop a well-defined motor highway joining also Glacier, Mount Rainier, Crater Lake, Yosemite, Mesa Verde, Sequoia national

### PRICES? THEY MAY GO UP HIGHER YET

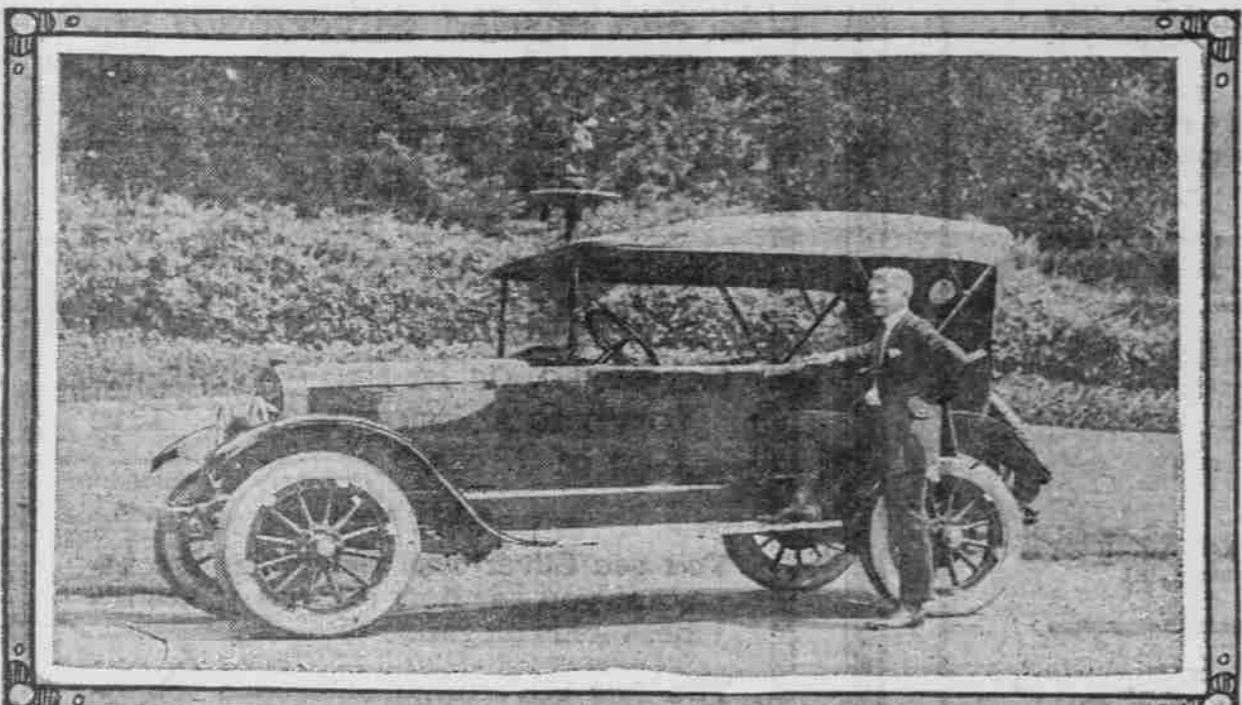
It Fact, They're Sure to Do It, Says H. R. Roberts.

### COST OF MATERIALS IS UP

Huppmobile Factory Representative, Back From Detroit, Has Side Lights on Situation.

That the general tendency of automobile prices is to be upward rather than downward is the message brought from the seat of the motor car industry at Detroit, Mich., by H. R. (Bert) Roberts, western representative of the Hupp Motor Car company, who is in

HELL SELL YOU A DIXIE FLYER WHILE YOU WAIT.



Introducing H. F. Miller, new sales manager for the C. H. S. garage, which is distributor here for the Dixie Flyer and the Moon. Just now the C. H. S. garage has a few Dixies for immediate delivery, a situation that won't continue long.

learning one's car so that troubles are readily located and become only incidents; in understanding its whims and ways and knowing just what to do and having on hand the things to do it with.

Often an otherwise perfect tour may be marred because, when the starter failed to start you found that the starting crank had been left behind, or the extra spark plug was missing when needed to replace one fouled with carbon or accidentally broken.

### Plan Tour in Advance.

The secret of success in touring is to plan your tour.

First of all, there is the car to be all gone over. If you are to do any real touring you need a real car to do it.

The light cars get there, but must necessarily be driven more slowly and a great deal more carefully.

Some of the small cars are very skimpy on brakes and on a long hill there is a tendency to burn out the brake lining. This danger may be obviated by using the foot and hand brakes alternately; also drive more slowly so that less heat will be generated.

Naturally, the car should be thoroughly cleaned before going on a tour. This means not only the parts which show, but the working parts underneath.

The transmission and differential gear cases should be drained, washed out with kerosene and have fresh lubricant. Grease cups and hub cups need refilling, steering gear the same (cleaning if needed), and every working part should be inspected for wear while being lubricated.

Clean the crank case and run kerosene through the lubricating system. Drain this off and put in fresh oil.

If the engine is inclined to knock on hills have the carbon removed before starting. Test out the compression and grind in the valves where needed.

Examine the spark plugs and make sure of the extra ones; look over the wiring or worn insulation, loose wires and other defects.

Look After Distributions. See that the magnets, or breaker points, are clean and properly adjusted and that the distributor is clean, and make sure that the battery has a good charge.

Take along a set of dry cells if there is no magneto. If necessary, have battery recharged at a service station.

Generator and starting motor commutators need inspection and perhaps cleaning and truing up. Look well to the springs. They do crack and a broken leaf is likely to make trouble on a tour.

Replace cracked ones and carry a repair attachment. Naturally, the tires should be in condition to stand the trip.

Two extra shoes with tubes inflated ready to put on are needed and extra tubes, according to the length of the trip. Also have cement, patches and a rapid vulcanizing outfit.

Make sure that your fire extinguisher is filled and in working order. It is good to empty it once in a while and test by filling with water and pumping it through, drying and refilling with carbon tetrachloride preparation. You will not need the extinguisher often—when you do, it is worth the price of the car.

Some of the things you need to take along for emergency, in addition to what has been previously suggested, are:

- Set of ignition brushes, boxed and labeled.
- Tow rope.
- Jack and handle and two blocks of wood to rest jack on.
- Some Things to Take.
- Box of plungers for tube valves.
- Three-in-one valve tool.
- Tire-pressure gauge.
- Wrench for interrupter points.
- File for cleaning the points.
- Hydrometer or voltmeter for testing storage battery.
- Oil squirt can, filled.
- Box of assorted nuts, assorted cap screws, lock washers and cotter pins.
- Spool of copper wire and one of soft iron wire.
- Extra set of electric light bulbs.
- Clean waste or rag.
- Set of fuses, if used on car.
- Folding canvas pall.
- Full set of the chains and chain tool; extra cross links.
- Most of these things should be boxed

### Motorcycle Mutterings

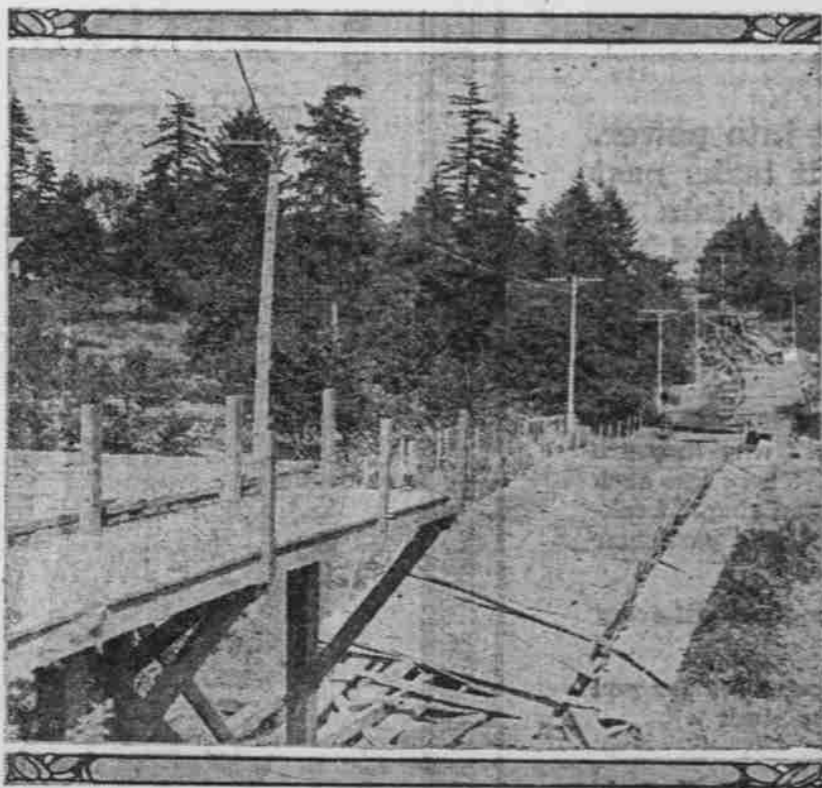
HALF a hundred members of the Rose City Motorcycle club indulged in a run to Scappoose, Or., Sunday. A crawfish feed, motorcycle stunts, riding through a creek and horseshoe game were among entertainments of the day. The cyclists returned to Portland late that night without mishap.

The racing bugs and motorcycle fans seem to be hungry for another race meets so the promoters are figuring on another meet some time in August, providing the large field of riders will agree to enter the races.

The Merrill-Strine Cycle company will soon bring here a motorcycle film which is now in course of preparation by the allied trades association of America. The film will depict graphically the great part taken by the motorcycle to help bring peace to the world.

Look in the Tank. When the car stops suddenly in the road the first place to look is in the gasoline tank. The veteran motorist does not need this advice, but the newcomer should take it to heart. Look into the gasoline tank first.

### THIS IS WHY YOU HAVE TO DETOUR INTO NEWBERG.



The old wooden bridge over which the west side Pacific highway enters Newberg from Portland has been torn down, preparatory to creation of a more permanent structure. So motorists now have to detour via Springbrook station, a 3.3-mile run, over a dust and gravel road, to get around this quarter mile of now bridgeless ravine into Newberg. The detour is fairly well signposted.



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coupes and sedans being snapped up with eagerness.

Roberts didn't endeavor to trump up an excuse to attend the big fight at Toledo on the Fourth. Instead of dashing through the hot sun to the ringside he stole away to Chicago where he thoroughly enjoyed, under the cool of the grandstand, a rattling good baseball game between the Athletics and the White Sox.

High-Priced Garages. Garages which charge exorbitant prices to tourists in Nebraska will be the object of special attention on the part of the Omaha Automobile club. Members who travel over this and the

neighboring states and use their cars daily have volunteered to co-operate with the club in sending in reports of such garages, the names of which will be duly listed at the club's information bureau.

FAST WORK IN COW CANYON. New Construction There to Be Completed About September 1. ROSEBURG, Or., July 26.—(Special.)—County Commissioner Weaver of Myrtle Creek, who has been over the roads in the south end of the county recently, says the improvement work

and are generally given all the assistance possible by workmen. Don't forget, above all else, that an automobile is a fine piece of machinery and that you will be repaid in excellence of service many times for the care and attention given it.

Small Parts Hard to Get. "For the past 18 months the Hupp factory has been obliged to pro-rate cars among its distributors," he said. "At present the dealers have received about 43 per cent of the year's output."

"The factory has any number of available chassis and engines on hand but it is the smaller and seemingly insignificant parts which are holding up production. By the way, the closed cars are coming in strong back east."

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