

ADVICE TO MOTOR CAMPERS IS GIVEN

Oregon State Motor Body Draws Up Suggestions.

BALANCED LOAD HELPFUL

Travel Light But Carry Plenty of Tools and Equipment for Keeping Car in Shape.

The season of motor vacationing is at hand and every day sees dozens of automobiles on the streets of Portland, packed up and ready for the road, with tents and bedding equipment along the running boards, and suitcases, cooking utensils and other camping equipment tucked in here and there. Many of these cars have foreign licenses, showing that the motorists have come from afar and are vacationing in Oregon. Others have Oregon licenses and are the cars of local people who are starting out for a week or a month in the big outdoors.

For the benefit of these hundreds who will be motor vacationing within the next few weeks and who have not hitherto taken a long trip of this kind the Oregon State Motor association has drawn up a number of suggestions pertaining to the equipment of the car for the journey. While these suggestions were prepared specifically for members of the association they are well worth studying by any one planning a long motor trip. Some of the more important suggestions are:

Load With Care.—Loading a long motor journey arrange it so that the car is not overloaded. A badly crowded car is extremely tiresome to passengers and is a hindrance to the driver. This applies both to the number of people and the amount of luggage taken, also the way it is packed in the car. Make your plan for traveling light. Draw up a practical plan for packing all luggage in the car before you start in a way that will be comfortable to the passengers and adhere to it. Distribute the weight evenly throughout the car so as not to strain the car or springs. Do not have your luggage in the form of a big bundle on behind the car, nor in front of the radiator.

Tools.—Take along plenty of tools to work on the car. They do not take much room and when you need them you need them badly. Pack them so they can be easily got to. Here is a good assortment: an adjustable wrench, 8 1/2 inch open end wrench, spark plug socket wrench, pair of pliers, mechanic's hammer, a large and a small screwdriver, a small flat file, a spool of small iron wire, a box of assorted nuts, bolts and cotter pins, a few feet of high and low tension cable, a roll of adhesive tape, a box of talcum powder, a sheet of cork and a small bottle of shellac and a pocket knife or two.

Parts, equipment, etc.—Remember, while no one likes to think of trouble on the road, you do have difficulty it's much easier to repair the part on the spot than to have to send to town, sometimes many miles for a part. A little additional equipment such as the following will take care of most emergencies—three or four extra tubes carefully rolled and packed in soft cloth or burlap, a box of extra tire valves, a tire pressure gauge, some extra rim lugs, extra spark plugs, an extra valve and spring, a grease gun, an extra spring clip and bolts, an extra fan belt, a tube patching outfit for punctures and a blowout patch or inner boot, a tire pump in good order, a good jack, set of tire chains if the trip is over bad roads, on extra upper and one lower level section for the radiator, with clamps.

Extra Tires Essential.—On a long trip take along a couple of extra tires in good condition, preferably inflated. If you do have fifty feet of small rope and 30 feet of rope large enough to serve as a tow line in emergency may also come in mighty handy. A five-gallon canvas water bag should be included for a summer trip.

The above equipment has to do with the operation of the car. What should be taken in the way of camping equipment should be worked out by the individual party carefully, depending upon their plans for camping and the kind of country into which they are going. A good rule to follow is not to limit space on tools and equipment so keep the car in good running order, but to travel as lightly as possible so far as clothing, food, etc., is concerned. Plan to secure all possible supplies along the road, where this can be done with convenience and without much additional cost.

A final and important suggestion is to see that the car is in good working order before starting out, with all parts well lubricated, the water system clean, the battery fully charged and the ignition in perfect shape. Test brakes and make sure that they are in good working order. Make sure that the oiling system is in good working order, renew the oil in the crankcase if it needs it, before starting.

HUGHSON PICNIC FOR TODAY

Members of Ford Organization and Families Will Frolic.

Employees of the Portland branch of the William L. Hughson company, authorized Ford dealers, will journey to Dodge park today for the annual "Hughson Ford picnic." Wives and families of the employees and quite a number of friends of the organization have been invited and over 100 people are expected to participate.

The Hughson company corner at Broadway and Davis streets has been designated as the gathering place for the picnicers, who will meet there at 9 o'clock this morning and make the jaunt together to Dodge park. A programme of music, games and other entertainment, as well as plenty of picnic luncheon and refreshments, has been worked out by the committee in charge.

Pasadena Citizens Want Busses.

The returns on a questionnaire sent out to 1000 citizens of Southern California, indicated a 6 to 1 majority in favor of the establishment of a motor bus line between Pasadena and Los Angeles and that more than half the population of Los Angeles, 312,000 out of the 575,480 residents, use the new urban motor bus depot regularly. The ticket sales amounting to \$700,000 for nine months.

Don't approach nearer than eight feet in overtaking a street car taking on or discharging passengers, or while the gates are open. It's cheaper to use the brakes than it is to say "Good morning, judge."

THESE BOYS BELIEVE IN CLEANLINESS IN AUTOMOTIVE SERVICE.



STAFF OF PORTLAND GARAGE IN SPIC AND SPAN WHITE COVERALLS.

Portland garages, repair shops and service stations are rapidly recognizing the value of cleanliness and the old grease-smeared uniforms are being passed in to the discard in preference to such uniforms as are shown above. Among the leaders in this movement is the Portland garage, Fifth and Taylor streets, of which Doris G. Bates, an official of the Portland Automotive Trades association, is manager. Mr. Bates has just garbed his ten service floor employees in attractive white coveralls, changed daily. Mechanics wear dusters when testing out cars and white coverings are provided for seats when the car is in the repair shop. Other Portland shops are following the same practice and as a result the garages and service shops of the city are getting a splendid reputation. Above is shown Mr. Bates' staff of service floor employees ready to start the day right.

CYCLES TO VISIT LAKE

ANNUAL PILGRIMAGE STARTS FROM MEDFORD SUNDAY.

Motorcycle Riders Gather From All Over State for Three-Day Run to Crater Lake.

MEDFORD, Or., July 29.—Motorcycle riders from all over Oregon and from some parts of California are gathering here today for the annual motorcycle run to Crater lake. The start from this city will be made bright and early tomorrow morning and three days will be consumed in the motorcycle pilgrimage.

Leaving at an early hour Sunday morning the motorcyclists will make the 85-mile run to the lake during the day, arriving at the lake rim in the afternoon, in ample time to prepare camps and arrange for a giant bonfire that night. On Monday morning the climb down to the lake will be made and then the riders will resume their seats and set out for the drive around the lake via the beautiful rim road, returning to the camp ground again that night. On Tuesday the trip back to Medford will be made, the riders returning via the Pelican bay and Dead Indian road.

The following list of prizes has been announced to go to participants in the run this season: Gold medal for machine touring the longest distance to Medford to make the run; donated by the Harley-Davidson Motor company.

Schebler carburetor for the machine bringing a woman the longest distance to Medford for the run, donated by the Wheeler-Schebler Carburetor company.

Corbin-Brown speedometer for the best scenic photo taken en route showing a motorcycle, given by the Harley-Davidson Motor company.

Tractor tire and inner tube for the nearest side-car outfit, donated by the United States Rubber company.

Red inner tube for the nearest solo outfit, donated by the Firestone Tire & Rubber company.

MOTORCYCLE RACE PLANNED

Rogue Valley Riders to Compete During Jackson County Fair.

MEDFORD, Or., July 29.—A motorcycle race will be one of the big features of the Jackson county fair, according to announcement made today, in which entries to the race were invited. The race will occur on Wednesday, September 13, the opening day of the fair.

The event will be for local riders only, being limited to motorcycles of the Rogue river valley, and will be free for all except for that limitation, no restrictions on the size of machines, etc., being made. The rules of the Motorcycle and Allied Trades association will govern.

The Jackson county fair grounds track is a 1 1/2 oval with dirt surface. The course will be laid down thoroughly prior to the race, however into which it will be in good shape for the event.

Cash prizes to the winners have been announced as follows: First place, \$200; second place, \$125; third place, \$75.

PACIFIC COUNTY IS ACTIVE

McGowan-Illwaco Road to Be Paved, Commission Decides.

ILLWACO, Wash., July 29.—(Special.)—Pacific county and the state highway department are spending large sums of money in developing a fine system of roads in this county and one of the newest of these now under consideration is the proposed

NEW SERVICE STATION AT ROSEBURG HAS LATEST FEATURES TO AID TOURISTS.

ROSEBURG, July 29.—One of the finest service stations in southern Oregon has just been opened by the Roseburg Service Station company, incorporated. This company is controlled by L. A. Blane of Marshfield and George H. Smith, a traveling salesman, who is widely known throughout the entire state. During the past few years Mr. Smith has been making a study of service stations with the intention of finally constructing one which would meet all demands of the tourists, and in the structure erected at Roseburg it is believed that this aim has been achieved. The building is of reinforced concrete with a gravel cast finish. It is 30x72 feet in size with two drive-ins and flushing rack. A large rest room for ladies has been constructed in the rear of the structure, the rest room being provided with hot and cold water, electric heat and elaborate furnishings in old ivory. An information department is maintained where tourists may obtain road data or distances and directions to camping spots, or places where fishing and hunting may be enjoyed. A table of distances between highway points is provided on the main support in front of the building.

HANDSOME NEW STRUCTURE RECENTLY OPENED IN UMPQUA VALLEY CENTER.

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ATTORNEYS ON CARAVAN

LOCAL LAWYERS TO MOTOR TO AMERICAN BAR SESSION.

Fifty or More Automobiles Will Carry Oregonians to San Francisco Convention.

Fifty or more members of the Oregon bar, traveling with their families or friends in nearly as many automobiles, are planning to participate in the caravan from this city to San Francisco to attend the annual session of the American Bar association at that point on August 9, 10 and 11, according to tentative plans which have been announced by James P. Stapleton, chairman of the caravan committee.

Most of those who attend, including a large number of the attorneys of Portland and other parts of Oregon, will go down to the California metropolis by automobile with the caravan, it is announced. The cars will start from Portland on August 5, it is announced, and the itinerary has been arranged as follows: August 5—Start from Multnomah hotel in Portland at 7 A. M.; arrive at Roseburg, 200 miles, that afternoon, where stop will be made for the night.

August 6—Leave Roseburg in the early morning; arrive at Redding that evening, 200 miles.

August 7—Leave Redding and arrive in Sacramento.

August 8—Arrive in San Francisco.

Cars from central Oregon are requested to meet us with the caravan at Redding on August 6. While many of the cars are not expected to return with the caravan, an effort is being made to keep the caravan together to as great an extent as possible and to return from California via Klamath Falls and the Dalles-California highway.

Laboratory for Research Work.

A Ludlow Clayton is now chief engineer of gas engine research for the Sun company of Philadelphia. The company is developing a laboratory at its research building at Norwood, Pa., and Mr. Clayton's first undertaking will be a rather elaborate study of factors which affect engine lubrication, with especial regard to piston friction.

PAVING IS BEING RUSHED

LA CENTER-KALAMA WORK TO BE COMPLETED BY FALL.

New Rainier Ferry Will Allow Paving of Entire Kalama-Toledo Section in 1923.

KALAMA, July 29.—Paving of the Pacific highway south from Kalama is going forward at a rapid rate, about 500 lineal feet of paving being laid every day. The paving is 20 feet in width and 6 inches thick at the edges and 7 1/2 inches thick in the center, being laid according to the very latest specifications of the state highway department, insuring superior workmanship.

The fill in South Kalama, which will straighten one of the worst curves on the Pacific highway, is also being completed and the Hill Construction company, which has that contract, is also well along in the re-grading of the Pacific highway in North Kalama.

Between Woodland and La Center the paving contractors are also doing a speedy job. The new section of grading having been completed on that project last winter. This section of paving will be completed this fall and that between Kalama and Woodland will probably be completed about the same time.

The completion of a new road from Kelso to the Columbia river and the inauguration of frequent ferry service across the river will enable the highway division next year to pave the gap in the Pacific highway between Kalama and Toledo in a single season. Traffic will be diverted to the ferry, the west side road between Kelso and Toledo will be utilized, and the 37 miles of paving will be contracted for in small jobs to guarantee its completion. Before the new ferry service was provided it was feared the highway would have to be kept open as a one-way road while it was being paved half its width at a time. This would have meant a two years' job and annoying interruption to the traffic.

FLUCTUATING GAS PRESSURE

Keep Gasoline Feed Line Cleaned Out Is Advice to Driver.

If you have a persistent fluctuation in your gasoline pressure the first place to look for the trouble is in the tank cap or cover; make sure of the washer, many times the trouble is here.

Look at all the line connections; then look at the pump itself. If the trouble isn't here, it may be in the release valve, strainer or in the tank itself.

Keep your gasoline pressure at the amount designated in your instruction book. It is a good plan to blow out the gasoline feed line with compressed air from time to time. Let your service station do this for you.

PACIFIC TRAFFIC IS HEAVY

Hundreds of Cars Now on Road From California Is Report.

GRANTS PASS, Or., July 29.—Many states are being visited by the tourists who pass through the city every day. Wednesday a highway census was taken by the highway division here and it showed a total of 555 automobiles passing over Meritt hill. Of these California had the largest representation among foreign cars, with 105, and Washington was second with 60. Other states represented were Montana and Idaho, 5 each; U. S. A., 5; Kansas 4; Minnesota, Iowa, Utah, Nevada.

All of the work will be of seven-inch concrete, one-two-three mixture of the Oregon state highway commission specification. The roads are to be built nine feet in width for the majority of the contracts.

CLACKAMAS CONTRACTS LET

Over \$100,000 Worth of Work Undertaken Near Oregon City.

OREGON CITY, July 29.—Contracts totaling \$111,986.30 for grading and hard-surfacing 9.1 miles of market and bond roads in Clackamas county have been awarded at Oregon City. The contracts and the roads on which they were let are: Molalla south, one mile, \$838.55; Wright's bridge section of Molalla road, three and one-half miles, \$37,903.55; Oregon City-Molalla road south from Oregon City, 2100 feet, \$7602.68; south end road, two miles, \$26,383.60; Hardacreable road, 2.1 miles, \$31,256.52.

All of the work will be of seven-

Reduce Operating Costs

Protect the vital parts of your car or truck from the jars and jolts of travel over rough roads with Gruss Air Springs. They reduce operating expenses because cushions of air completely absorb all road shocks. Write for "Comfort, Economy and Safety" folder.

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Prices

Oldsmobile
1923

PRICES
Effective August 1, 1922

The Light Eight

5 Pass. Touring \$1495
Roadster . . . 1495
Super Sport . . 1725
Coupe . . . 1995
Sedan . . . 2145

The Four

5 Pass Touring \$1095
Roadster . . . 1095
Semi Sport . . 1225
California Top 1395
Coupe . . . 1595
Sedan . . . 1745

The Larger Eight

7 Pass. Touring \$1735
6 Pass. Touring 1850
4 Pass. Pacemaker 1735

OLDSMOBILE

North Carolina, 3 each; Nebraska, 2 each; New York, 1 each; Washington, D. C., 2 each, one each for Texas, Arizona, Wyoming, Oklahoma, Mississippi, Georgia, British Columbia, North Dakota and Pennsylvania. The rest were Oregon. On the junction south of the city 1525 automobiles and trucks passed. Forty passed the O'Brien schoolhouse near Takilma, most of them going on to Crescent City.

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