

FORDSON TRACTORS

The favorite topic of discussion among the farmers of Marion and Polk Counties is the FORDSON TRACTOR and judging by the favorable comments these tractors will be very much in demand in the very near future.— ATIP, place your order at once if you expect to get a FORDSON for your fall work. Demonstrations daily near Fair Grounds. We are closing out all trucks we have on hand. Let us tell you about them. Just received a carload of Overland cars. One waiting for you

The Valley Motor Co.

Front and State Streets

Elbert Thompson, Mgr.

Hints for the Motorist

By Albert L. Clough Editor Motor Service, Review of Reviews

Beware Of Exhaust Gas Poisoning.

EVERY MOTORIST SHOULD FULLY APPRECIATE and guard himself against the very serious danger of becoming poisoned by the deadly carbon monoxide gas that often is present in large proportions in the exhaust of automobile motors. Breathing of this gas in considerable quantities, for any but very short periods, is certain to cause severe headaches and depression and, in extreme cases leads to fainting and even death. The danger of this form of poisoning is particularly great in cold weather, when garage doors and windows are kept shut and engines are tested indoors rather than in the open. In the very small private garage this danger is especially great as the small amount of air present is very quickly polluted. Poisonous carbon monoxide gas is most largely found in the exhausts of engines which are operating with incomplete fuel combustion, that is, with overrich mixtures and unfortunately, with present-day fuel, this is the condition of most engines for sometime after being started from a cold condition. The only safe procedure for the motorist, who keeps his car in a very small garage, is to open the door wide as soon as the engine is started and keep it open as long as the engine is running inside the building. Warming up the engine in a small box-like garage, with the door shut is dangerous to a person inside and even in the case of a good sized garage, running the engine to charge the storage battery or to make long continued tests of the carburetor involves possible danger to health. The physiological effects of gas poisoning are gradual and insidious and are sometimes not noticed until faintness approaches, when it may be too late for a person who is all alone in a garage to seek purer air. Especial care should be taken never to work under a car, when the engine is running or the atmosphere may be bad, in such a position that one cannot get up easily and reach the open air quickly, in case of faintness. Deaths have occurred under such circumstances. If it becomes necessary to run an engine for considerable periods, in a small closed garage, the exhaust should be conducted out of a partly opened window through a steam hose connected to the exhaust pipe.

PREVENTING STIFFNESS IN STORED ENGINE.



C. K. M. asks: In connection with storing a car for the winter in an unheated garage, is it necessary to run the engine for about ten minutes each week, in order to keep it from getting stiff?

Answer: We think not. It would be just about as well and much less bother to crank it over by hand, a few turns, every once in a while. Some people, when laying up a car, give the cylinders a special supply of cold proof oil, in order to insure that all internal engine parts are coated with lubricant. This is usually done by starting the engine at a fair rate of speed, then shutting off the gasoline supply at the tank and, while the engine is running upon the fuel in the float chamber, squirting oil into the carburetor air-intake until the engine stops. An excess of oil is thus carried in with the fuel mixture and forms a film over the internal parts, tending to prevent sticking of the pistons and other bearing surfaces.

KEROSENE AS AN ANTI-FREEZE LIQUID.



F. D. R. asks: Is it feasible to use kerosene as an anti-freeze liquid in the radiator instead of alcohol solution?

Answer: This can be and is done by some motorists, although it is more usual to employ a mixture of kerosene and some heavier oil. It is more advisable, however to use a less volatile oil than kerosene, one which does not give off combustible vapors at so low a temperature. There are special cooling oils on the market possessing more nearly the required characteristics, such oils being used for cooling electrical transformers and for similar purposes. Already, oils of this general description are on the market as automobile anti-freeze mixtures, under various trade names but, if you can obtain a suitable oil directly from an oil dealer you can save some money.

Questions of general interest to motorists will be answered in this column, space permitting. Address Albert L. Clough, care of this office.

Maxwell Military Express Makes Record

Twelve days, instead of twenty two, were sufficient for the Maxwell Military Express to cover 2200 miles of its 3400 mile journey across the continent from the Golden Gate to the Statue of Liberty. Instead of the scheduled 100 miles a day, the truck has easily made from 140 to 275 daily mileage. And this is under the condition of carrying a capacity load.

Weather of every sort has greeted the truck. From the extreme heat of the desert to the snow of the mountain peaks, from the dry plains of Nevada to a cloudburst in Utah and a thunderstorm in Iowa the most rigorous climatic conditions imaginable have maintained. But so far as delaying the sturdy Maxwell champion, they have had absolutely no effect. Right through it all was the running time kept much advance of the schedule. Not only these conditions are to be considered. There is also the varying altitude, ranging from sea level to 8300 feet at the point where the main range of the Rockies was crossed.

When the Maxwell reached Cheyenne it opportunely arrived on the opening day of the great Frontier celebration where it attracted much attention. When Ray McNamara left San Francisco he stated that although he had set 34 days as his running time, he intended to better this by several days.

According to his present pace he should complete the run easily in 20 days. If such is the case it will be a most remarkable record. Often has the continent been crossed, both by passenger cars and trucks but this run is unique in that it is continuous running with all stops counted in the running time.

Figuring on a basis of 20 days or 480 hours, the trip will show a mileage of over seven miles per hour for the actual elapsed time from the start to finish of this record race against time.

"The truck is doing so much better than I had expected," said McNamara in his wired report, "That I will not consider the trip successful unless we make it in 20 days. At the conclusion of the run, I will compile figures on the economy and reliability of the truck which will be of importance to every user of automotive vehicles in the business world."

"When this test was breached," said W. J. LaCasse, Pacific Coast Supervisor of the Maxwell Motor Sales Corporation, "I had a very high opinion of the truck's possibilities. However, the results thus far have exceeded my most sanguine expectations. They point conclusively to the reliability of the Maxwell and its adaptability to conditions of every kind. It has been a selling test of the greatest value."

AUTOMOBILE A NECESSITY.

"Stop for a moment and think of what it would mean if we did not have passenger automobile to use. What would we do for a quick method of transportation? Where could we find a satisfying substitute?" asks Mr. Ruff, local Chevrolet automobile dealer.

"We look upon the railroad as an important method of transportation," he continues, "but as a fact, it is restricted compared with the automobile. The automobile will take you to places that the railroad cannot reach. Each automobile owner has, in reality, a private railroad. He is president, vice-president and general manager. And in addition, he is his own time-table. The automobile gives its purchasers a travel independence that is well-nigh complete.

"Without the automobile, the world would almost come to a standstill. What would the doctor, the salesman, the business man, do without an automobile, in these busy days of commercial pursuits?

"But, and perhaps most important of all, what would the farmer do without his car?"

"To him, the automobile has been a transformation. It would be an absurdity to call the automobile the farmer uses a 'pleasure' car. It would be as logical as to call the reaper, or any piece of farm machinery, a 'hand organ.'"

"On the farm, the automobile is a

DAILY SHOT AT KAISER FOR HOME FOOD SAVERS



NATIONAL WAR GARDEN COMMISSION

Simple device for straining fruit juices for jelly making, suggested by the National War Garden Commission of Washington, which will send any reader of this paper a free canning book for a two-cent stamp to pay postage.

ROAD INFORMATION FOR MOTORISTS AND CAMPERS

This bulletin contains general information concerning road conditions in or near the National Forests of Oregon and Washington, based on data furnished by the field men of the Forest Service.

A dangerous forest-fire season is at hand. All forest travelers, autoists, campers, fishermen, hunters, and others are warned to be careful with fire in the open. The present extremely dry condition of the woods, due to drought and drying winds, makes them especially susceptible to fire, and unusual care is necessary to prevent destructive conflagrations. The cooperation of everyone using the forests is needed to keep them green and attractive. By building small camp fires in safe places and completely extinguishing them before leaving, one of the chief causes of forest fires may be removed. Smokers should be cautious with burning tobacco and matches. No patriotic tourist will purposely start a fire and endanger the timber and forage of the forests. Aside from the commercial value of the woods which can be figured in dollars and cents, there is their value from a recreational and aesthetic standpoint point which can only be estimated. Help keep the forests valuable by preventing forest fires.

OREGON ROADS.

Western Oregon

Willamette Valley-Cascade Mountain Wagon Road—Open and in fair condition between Foster and the summit of the Cascade mountains. The bridges along this route are dangerous and particular caution should be used in crossing them.

Hebo-Neskowin—Open and in permanent summer condition for entire route.

Tillamook-Willamina—Open in fair condition for entire route.

Dead Indian—Open between Pelee Bay and Ashland. Passable for autos.

Klamath Falls-Crater Lake—Open between Klamath Falls and Fort Klamath. All roads to Crater Lake are now open.

Estacada-Cazadero—Open and in fair condition. Road is narrow and rough.

Crater Lake Road—Open and in good condition between Medford and Fort Klamath.

Willamette Road—Open between Eugene and a point several miles beyond Oak Ridge. Closed to all vehicles beyond this point.

Columbia River Highway—Open and in good condition, Portland to Cascade Locks. Closed for construction between Cascade Locks and Hood River. Cars may be shipped between Cascade Locks and Hood River by rail or boat on week days. Eagle Creek public camp grounds is located 45 miles east of Portland on this road, which is paved the entire distance. Here the Forest Service maintains a free picnic and camp ground for recreation use. Tables, benches, fire places, running water, and other conveniences are available at this camp ground.

McKenzie Pass Road—Open and in good condition, Eugene to west boundary of the Cascade National Forest. Poor condition from west boundary of the Forest to Sisters.

Drain-Scottsburg—Open and in good condition, entire length.

Klamath Falls-Bend (via Fort Klamath)—Open and in fair condition entire length, some rough places.

Crescent City-Bandon—Coast road—Open and in good condition for entire route; some rough places.

Grants Pass-Crescent City—Open entire length and in good condition for a few rough places.

Pacific Highway—Open and in fair condition, Roseburg to Grants Pass and Medford. In good condition, Grants Pass to Wolf Creek.

Barlow-Oak Grove Road—Open and in good condition, Portland to Rhododendron. Poor condition Rhododendron to forks of Clear Lake. Open but rough, Clear Lake to Cedar Burn Good condition, Cedar Burn to Wapinitia.

EASTERN OREGON.

Sparta-East Eagle Park—Open and in good condition entire route.

Baker-Cornucopia—Open and in good condition.

Baker-Prairie City—Open and passable for all vehicles, but in poor condition.

Hardman-Spray—Open and passable for machines entire route.

Prineville-Mitchell—passable between Ochoee Station and Wheeler-Crook county line. Open and in excellent condition county line to Beaver Ranger station.

WASHINGTON ROADS.

Western Washington.

Cascade Scenic Highway—Open from coast towns to Sultan. Closed between Sultan and Tys for construction work. Detours not possible. Bridges are not finished across Miller River and the Sky-Komish River.

Sunset Highway—Open and in good condition from Seattle to Cle Elum. Sixty miles east of Seattle on this highway is the Deany Creek camp grounds, where the Forest Service maintains a free camp and picnic grounds equipped for the use of the public.

Arlington-Darrington Road—Road is open and in good condition Arlington to Fortson. Fair condition Fortson to Darrington.

Olympic Highway—Open and in good condition between Olympia and Quinalt Lake. Open and in fair condition between Olympia and Discovery Bay. Good condition Fairholm to Mora and Forks.

EASTERN WASHINGTON.

State Road No. 4—Open and in fair condition between Republic and Tonasket.

State Road No. 10—Open and in fair condition between Entiat and Pateros. The road is getting rough in places.

Blewett Pass Highway—Open and in good condition Cle Elum to Wenatchee. This road is now in the best condition it has ever been. Several bridges and the heaviest grades on the old road on the Chelan side of the road have been eliminated and a large number of new turnouts built. No driver should have any difficulty in negotiating this road.

BLACKBERRIES ARE SOUGHT.

Toledo, Or., Aug. 2.—H. S. Gile, of Salem, was in Toledo today making arrangements to get all of Lincoln County's evergreen blackberries this season, if possible. The price to be paid will be around 5 cents per pound. He advised that at least 300 acres in this county be set to evergreen blackberries, red and black raspberries and strawberries, saying that if this were done he would give growers a ten-year contract. He also said that he would put up an assembling and pressing plant and furnish men capable of showing the growers how to arrange their yards, etc.

\$5.00 FOR A NAME

We have put in some iron working machinery, with the Steel Furnace Company, and we want a name for the machine shop. We give everyone a chance to submit a name. The rules are that the ones sending a name should write their name and address plain, and the person sending the name that we later adopt will receive \$5.00 in Thrift Stamps. Contest is open to all free of charge. Contest will close two weeks from date of first publication of this notice. Mr. Rosebraugh and Mr. Lamb will be the committee to decide on the name. We repair anything from a sewing machine to a sawmill.

Address all communications to

Lamb Co.

645 South 17th Street

Salem, Or.

If You Buy a Used Car

If you buy a USED CAR you probably buy a USED BATTERY—and you can't tell HOW it has been used. Better come in and let us test it.

Such a battery may seriously affect the operation of your car; you can't tell whether it does or not until you put a really new battery on it.

When you buy a Still Better Willard with Threaded Rubber Insulation you know it IS NEW, because it is shipped and stored Bone Dry and begins its life for YOUR CAR.

You'll know the Still Better Willard by the Mark branded onto the box. Get all the facts about this remarkable battery in the booklet "A Mark With a Meaning for You."

We test, repair and recharge storage batteries and always carry a full supply of battery parts, new batteries and rental batteries. Testing service is free.



Auto Electric Shop

DEGGE & BURRELL

418 Court Street

Phone 203

one hundred per cent utility. It is the connecting link between the farm and the outside world. The uses of the automobile are many and so varied in character that a catalog of many pages could be compiled, setting forth the multiplied uses of the farmer's car.

GIVE 'EM SALT



THE AMOUNT OF SALT TAKEN FOR SALTING WITH OUT FERMENTATION IS ONE-FOURTH THE WEIGHT OF THE VEGETABLE USED.

This is a good way to prepare cabbage for winter use. Full instructions are given in the free book issued by the National War Garden Commission. Send two cents to pay postage.

AURORA GIRLS SELL TAGS

A committee of the local women's council of defense met Monday night to arrange for "Tag Day" for the benefit of Belgian babies. The sale of tags is on today, and the following are the girls chosen to sell the tags, working in pairs:

Edna Keil and Dorothy Moore, Helen Morris and Helen Phillips, Helen Kerr and Norman Gribble, Aileen Snyder and Henrietta White, Evadna Huret and Theoda Gribble. They will see that every home in Aurora is supplied with the little souvenir bouquets of forget-me-nots—at 10 cents each. At the various business houses the

219 N. COMMERCIAL 219 N. COMMERCIAL

QUACKS

WE CAN FURNISH DELIVERY ON ROYAL CORDS

IN ALL SIZES BY AUGUST 1ST.

8000 MILE GUARANTEE. A COMPLETE STOCK OF FABRICS, ACCESSORIES, MICHELIN TUBES

2-SERVICE CARS-2

PHONE 66

PHONE 66

Just Arrived

We just received those Pope bicycles—This is the line the U. S. government commandeered and this shipment is the first we have been able to get. We carry a complete line of Firestone Bicycle Tires.

SEE THE HARLEY-DAVIDSON BICYCLE

Arthur H. Moore

445 Court Street

Salem, Or.