GOOD ROADS LESSEN COST OF OPERATING MOTOR VEHICLE

pensive. In a test made recently by the Portland cement association, ac- the ledger. curate data showed that it took 204 per cent, more gasoline to haul a truck and car industry go hand in corded between the two types of material and freight longer disroads would pay toward the con- tances over them. struction of a paved highway at the rate of \$3,000 per mile per year, on good trucks. a road carrying 500 motor vehicles

The purpose of this test was to show the comparative cost of operation on rough roads and on smooth concrete roads

These experiments were made over typical roads of every type, and the engineer spent several days de- ers, as the case may be. The first termining the routes to be followed. The tests were fairly made and the under the floor boards. results showed conclusively that the smooth surfaced roads pay.

in the country. The growth of the self a repair bill. truck industry gradually shows the way the wind is blowing. Machines it is possible that the oil feed line are rapidly replacing animals for is clogged. In either case put some

spreading all over the nation in a and their value is judged by the while using your engine as a brake remarkable manner and hundreds of money they earn for their owners. million of dollars are being expend- In the early days of the truck ined for good roads of all kinds every- dustry many trucks were sold to This includes money approp- merchants because they looked good riated by Congress, by the various and because expert salesmen han-walls, causing a leakage of comstates, counties and municipalities, died them. Now these merchants pression and wearing of the pistons

and much of it is being spent this have had experience with motor equipment to a great extent and are Good roads are more of a bene-buying the machines on performance CENT.-ORE. MOTOR CO. fit to truck users than to passenger alone. They are paying more for the ear users; if such a thing is pos-equipment and getting machines to sible. Good roads make hauling by last and earn dividends, instead of truck easier, faster ,and less ex- securing hauling machinery that is constantly on the wrong side of

Good roads and the growth of the load over a dirt road than over a hand. The more good roads are built smooth concrete, and the saving re- the more trucks wil be used to haul

This is the era of good roads and

CLUTCH DRIVING HELD DANGEROUS

Don't drive with the foot resting on the clutch pedal as it will soon body. According to J. A. Van Huffel wear out the clutch collars or rollwarning will be a rattle or a squeak

When you hear a noise like that investigate immediately. If the bearings and testing the motors, Oregon is contemplating building bearing is not too far gone put one of the finest highway systems some grease on it and save your- Ford patrons. The machine in-

If it is of the self oiling type it hauling purposes. Trucks now haul oil on it and remember to keep the results.

foot off the pedal when not actually using it to shift goars. It is a mistake to hold out the clutch while coasting down hills.

Either put your shifting lever in neutral position or coast down using your engine as a brake by re tarding the gas. Don't turn the switch off for any length of time

the motor, and not being ignited, it drops down onto the piston and washes the oil from the cylinder

PUTS IN NEW MACHINE

New Device Insures Accurate Motor And Bearing Testing-Machine Installed at Big Expense.

In order to give its patrons bet ter repair service and to insure expert workmanship, the Cent, Ore. Motor. Co., this week installed a modern new American Junior Combination bearing and burning-it and motor test and run-in stand. This machine has for its particular work the proper adjustment of the bearings, especially for Ford motors and the accurate testing of the motors before they are placed in the who is in charge of the shop of the company, this apparatus is identical to the machines used in the main plants of the Ford Motor company By using it for the adjustment of better service can be given now to stalled cost approximately \$1,000

Pu: it in "THE BULLETIN." Try a Bulletin Want Ad for quick

DANGER TO AUTO

Owner Should Have Extinguisher Handy and Keep Close Watch on Electrical System.

SWEEP GARAGE FLOOR OFTEN

Gasoline Tank Should Never Be Filled If There is Open Flame Near-Go Over Connections to Discover Any Leak.

Fire is really the greatest danger with which the motorist has to cope. Not that automobiles are in the habit of catching fire regularly, but the fire, when it does come, is sudden and unheralded. Furthermore the everyday handling of gasoline makes one careless, a warning in itself that is seldom heeded. There are so many ways in which a car can catch fire that it is the duty of every motorist to see that all possible steps are taken to prevent such accidents. A few suggestions follow that may assist in warding off the danger.

Keep Fire Extinguisher Ready. First of all have a fire extinguisher and keep it ready at all times for use Many motorists carry them on their cars and thus reduce their insurance rates. This is the best practice, but an extra extinguisher in the garage is never out of place. The small, compact pump type is advised, as it is the best for fighting gasoline or oil fires and can be used safely around elec-trical apparatus. Some owners have an idea that the solution used in these extinguishers can be used for clean ing purposes, but its use for this pur pose, even if practicable, is hardly wise. The extra few drops may mean a lot should the car catch fire on the

Do not let olly rags or waste lie around the garage. Keep them in a metal container and sweep the floor often. It prevents the spread of fire Keep the engine clean, especially the sod pan. See that there is a small hole In it under the curburetor drip. If there is none by all means make one.

Keep Flame From Tank. Never hil the gasoline tank with an open flame near. Likewise see that the funnel used makes metallic contact with the tank. It has happened that static electricity generated by the gasoline flowing through the funnel has sparked the tank and caused a serious explosion. Make sure that the tank does not leak, particularly when the tank is located under the cowl. It is well to go over all gasoline connections occasionally to detect

any leaks.
Install a gasoline shut-off where it can be readily reached. Some cars have them in an out-of-the-way place that is difficult to reach in an emergency. Always shut off the gasoline when leaving the car in the garage. This is even more important when an open-type coul stove is used for heating the building. A strainer should also be installed in the feed pipe if there is none on the car, and sediment

hould be removed once a month. The electrical system should also be ntched and the connections kept tight, for a loose or grounded wire mny start a fire. When cleaning the engine with a brush use one with no metal parts; a short circuit caused by the metal on the brush may ignite the gasoline used in cleaning.

Should a fire start in the carbureter shut off the gasoline and start the engine, as racing it will soon draw all the gasoline from the carburetor, Sand can be thrown at the base of the flame, and when using the extinguisher squirt it through the radiator without raising

The last suggestion is not the least important-read this again.

Walking! Walking! What pleas ure there is in the mere act of walking upon some pleasant level! If relieved by alternating hill and dale, so much the better.--Edward P. Hood.

With the Spark Plugs

The Cent.-Ore. Motor company expects the arrival this week of a carload of Ford cars, including one coupe, one sedan, two trucks, five ouring cars and one roadster. The cars will be ready for delivery to long waiting list.

Gunder Anderson this week pur chased through the Bend garage a new model "Four-Ninety" Chev-

this week of a carload of Chevrolet autos, including one roadster and these cars received in a recent carreceived by Walter Coombs, have been delivered to Central Oregon purchasers.

G. Rourk, postmaster and merchant of Crescent was in town Thursday and Friday. He reports the roads this side of La Pine are getting in bad condition, but that the roads south of La Pine, via Crescent are still in good shape for

motor travel. H. F. Shoemaker, of M. P. Cash man's, this week purchased a

One Thing More!

Most car owners know that this is the place to have their batteries tested with a hydrom-

—That it is the place to buy a Bone Dry Battery with Willard Threaded Rubber Insulation-which carries with it the evidence of battery newness.

-That it is the place to come for battery charging, repair and a rental battery.

But, one thing more-it is the place to come, just as soon as you buy your new car, to have your battery registered and get the benefit of Willard 90-day battery insurance.

Drive in, whether you have bought a new car or not. Perhaps we can give you some battery information that will mean longer life to your battery and fuller use of your car.

We test, repair and recharge storage bat-teries, and always carry a full supply of bat-tery parts, new batteries and rental batteries.

BEST & HARRIS

Greenwood Avenue

Bend, Oregon

Chevrolet from the Bend This cranking flushes out the dirty

"To assure better operation," says Walter Coombs, of the Bend your engine will run and with much garage, "change your oil in the crank case at least once every 1500 miles. Wash the motor with kero- age has returned to his work after sene, turning the motor by hand, a three weeks vacation in Tacoma.

parts. Then put in new oil. You will be surprised how much cooler less carbon.

Tim Wilson, of the Pioneer gar

Something of Special Interest to All Ford Owners in Central **Oregon---**

You may be assured that before any Ford Motor Car is delivered to you it has been thoroughly tested in our shop.

We have just installed a New AMERICAN JUNIOR COMBINATION BEARING BURNING-IN AND MOTOR TESTING MACHINE.

> This machine burns in bearings with absolute accuracy---tests the motor for any defects perfectly.

This machine is identical to the one used in the main shops of the Ford Motor Com-

We can give you even better service than before on your repair work.

Cent-Ore Motor Co.

Sole Local Agents for Firestone Tires The Ford Service Station of Central Oregon BEND, OREGON

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