

THE HOW ABOUT AUTO REPAIRING

Verne Fischer "Wises Up" Times Man Regarding Special Tools

Explains the Why Cylinders and Pistons Must Synchronize to Do Best Possible Work

While searching for news the first of the week the Times man called at the Fischer garage on the East side. There we found Verne busily engaged in overhauling a car. Asking him about such work, the genial auto repair man went into details of that work, and for the edification of our readers we will go into the innards of the modus operandi of the work:

The first operation was the spotting of the car under a chain hoist, where it is torn down. Each part removed was washed and examined for wear and breakage. This work went along at a moderate pace, for too much speed breeds trouble for the owner later, after the car is in service again.

After every moving part is removed from the block Mr. Fischer got out a box containing some kind of instruments, one of which he slid up and down in each cylinder bore, doing this very carefully. Verne remarked: "This goes to show what 15,000 miles travel will do to a car." We asked for information and the tool was handed to us for examination. Verne then explained its use. The tool was one which measured the inside of the cylinder bore in thousandths an inch. Fischer then placed the tool in one of the cylinders, holding it about one inch from the top. There the indicator moved to seven-one thousandths plus, which meant the bore was that much oversize. At two inches it read five plus; and at three pointed to eight and one-half plus. Mr. Fischer then explained that near the bottom of the ring travel all used cylinder blocks were the largest. At four inches from the top the indicator read five again and it gradually read less until at the bottom the hand stood at zero, which showed that the cylinder was not only funnel shaped but was corrugated as well.

We then turned the gauge at right angles and took note of the readings, comparing them with the first measurements. We found them to read five plus, two plus and zero, these being at one, two and three inches and at the bottom. This told us the cylinder was not only out of true to perpendicular but was badly out of round.

Verne then told us that the owner of the car complained the car used too much oil and fouled the plugs. The measurements fully explained the why for the complaint. We asked whether new pistons and rings would cure the trouble, and Fischer, in reply asked us what sort of service we would expect by placing a new gear in mesh with an old one? He went on to explain that it was wrong to expect service from that kind of a repair sent in. He further said that until a cylinder was within two to three one-thousandths out of true new rings were quite a benefit. But how was one to know without modern tools with which to measure the wear? That

"Goofus" Visits Maupin

A young man, who has been hanging around the ranches in the vicinity of Sherars for several days, came to Maupin early Wednesday morning. He called at the Oliver Resh home about 4:00 a. m. and ask Mrs. Resh to get him some breakfast. Later he visited the drug store and purchased some grease ostensibly for the purpose of dyeing his hair. While at Sherars he made himself obnoxious by appearing at ranch houses blacked up like a negro. While he committed no overt act, still his appearance caused the natives down the river to have a fear that he might do something illegal, and the sheriff was appealed to. As the fellow had done nothing outside the law the sheriff was without authority to arrest him

Cut Hand On Axe

Ben Steed of Wamic came to Dr. Elwood's office Monday, showing a bad cut on his right hand. He was splitting wood when in some manner the axe came in contact with the member, cutting a gash which required stitches to close.

is the reason why in the past car owners were dissatisfied with overhauls on cars that had gone long mileage.

While this was being told Verne was busy with other tools and had the block placed on the floor. He attached a tool to an electric drill and placed it in the first cylinder. He operated it there a few minutes and judge of our surprise, for the bottom didn't measure zero any longer—it measured two-one thousandths plus. We examined the tool and found it was an adjustable frame which carried four oil stones, similar to a coarse oil stone. These turned in the cylinder and were controlled by a set adjustment before operating. These stones cut a small portion of the cylinder wall, at first only the narrowest parts, then as those parts became the same size as the widest part, it cut the full circle, making it as true as it is possible to make a circle. The gauge could be turned in any position now and it would read the same in any part of the bore. We again watched the work and noticed the bottom had been shaped to the same size as the top of the bore; in fact no matter where it was placed the measurements read nine one-thousandths of an inch. Mr. Fischer then hold us that the stones he was using were part of a complement of eight, which completed the tool set. These hones leave the walls of the cylinder smooth as glass. After a short time the gauge read one-tenth thousandths of an inch and left the bore round, parallel and with a polished finish. Verne grunted and remarked: "There, now I guess a new piston with new rings will make good in that cylinder." We quite agreed with him. Verne then told us that it was by this method of honing the Lincoln people were able to sell their cars "broke in;" no 25 miles an hour for the first 500 miles for them. Racing cars are also put through this process, ready for long grinds at high speed.

We left at this point but we will give our readers a further insight into the auto repair work in next week's issue of The Times. Look for it, it will be worth reading.

TO OUR SUBSCRIBERS

As we have told you many times it is our aim to make The Times a newspaper in keeping with the intelligence and progress of this part of the county, we begun our improvement by ordering a modern typesetting machine. This will be set up next week. To pay for this we must have money, therefore call upon delinquent subscribers to come in and help us out.

All pay their grocers and other merchants, but a great many forget the newspaper is a commodity, so let their subscriptions ride. It takes money to run a paper; we need what is due us so respectfully ask all delinquents to pay up and help us out. Thank you.

Permanent Stock Train

The O. R. & N. railway has inaugurated a special permanent stock train, which will be run each Saturday. The train will leave Bend at 6:00 p. m. arriving at Portland stockyards at 7:00 p. m. on the following morning. This train is an innovation and insures stock shippers through service.

Passenger Injured

A passenger on the Union Pacific enroute to Klamath Falls stepped from a coach at the depot Tuesday and fell to the ground. He sustained a badly cut hand, the flesh being torn from the wrist nearly to the palm of the hand. Dr. Elwood attended to the wound and sent the man rejoicing on his way.

Former Resident Calls

Timothy Brownhill, one of the men who opened up this part of Oregon having been in this section about 40 years ago, called at The Times shop on Monday. Mr. Brownhill is now publishing a newspaper at Puente, California. He was the founder of the Madras Pioneer and has conducted papers in various parts of the coast since he relinquished control of the Madras paper. Mr. Brownhill was reminiscent of days gone by, recalling many early residents and many early incidents pertaining to Maupin and vicinity. He was accompanied by his brother, Wm. Brownhill, of Gateway and the two went to Friend for a visit with a sister.

Colorado Beetles

A little matter which may cause considerable anxiety among potato growers was brought to our attention Monday morning by John Confer. While sizing up his potato vines John discovered several old-fashioned potato bugs (Colorado beetles) on the vines. That pest has been the cause of millions of dollars loss in the various potato growing sections of the country and it is to be hoped they won't become so numerous around here as to be a menace to potato culture.

Bridge Gang In Town

Pullen's bridge gang is in town for a few days' work here and up the line of the O. R. & N. The crew will dismantle some box cars at McLennon station and will also fix up the stock yards in Maupin.

Piano For Sale Near Maupin

Beautiful high grade piano to be sold at once. A real bargain. Terms \$10 monthly. If interested in particulars write Cline Piano Co., 66 Front St., Portland Oregon. 36-14

Elevators Getting Wheat

Maupin elevators are some busy these days handling the advance cutting and threshing of this season's wheat crop. About 1400 bushels are coming to each warehouse daily. At present the Maupin Warehouse company has received about 10,000 bushels while the Hunts Ferry house has about 8000 bushels stored. It seems that on the lower end of the Flat ranchers are combining their grain, while on the upper end, where the greater amount is grown, ranchers are stacking and threshing with stationery separators. When that end of our wheat producing area begins to come in our warehouses will be taxed to capacity, for the crop is heavy and much more wheat than was expected will be threshed.

District No. 49 Elects

At a recent school election held in District 49 (Bakeoven) the following were chosen as officers for the district: C. E. Tunnison as director. E. R. Brown and Geo. Mallatt are holdovers, the first named succeeding to the chairmanship. Mrs. Geo. Mallatt was retained as school clerk. Mrs. Mallatt has officiated as clerk for several terms and that she has been retained testifies to the excellence of her work in that capacity.

Pride Goeth With Paint

Don't forget the mail box when you have your paint brush handy. Uncle Sam is urging all rural mail carriers to make a systematic effort to get all mail boxes and support posts painted white with the patron's name in black letters 1 inch high on each side of the box. Paint protects, preserves, and pleases.

Trapped Horned Owl

Elmer Snodgrass has been losing chickens to predatory birds and to catch the marauders set a steel trap. Sunday he went to the trap and discovered a large horned owl held fast in the steel jaws. He brought his catch to town and it may now be seen at the R. E. Wilson store.

Back On The Job

Mrs. Jessline Morrison, former publisher of The Times, was a welcome assistant in this office the first of the week. Stress of work caused us to leave considerable type standing, and Jessline soon had it in the respective cases, and now the shop presents the appearance favored by all careful printers.

More From Illinois

Verne Fischer and wife have been entertaining Mrs. Fischer's brother, Albert Nyquist, his wife and her sister and mother, Mrs. Jane Graham and Miss Bessie Graham. Monday the visitors went to The Dalles where Mr. Nyquist has secured employment as a baker in the plant of the Oregon Baking company. The visitors left Moline, Illinois, early in the summer, going to San Diego, Calif., and from there drove to Maupin, coming over The Dalles-California highway.

Old Papers For Sale

This office has a pile of old papers for sale. Come in and get a big bundle for 10 cents.

WATER QUESTION TABLED BY COUNCIL

Will Await Engineer's Report Before Deciding On Action

Kelly Filing Covers But Three Seven-Eighths Surplus From Upper Spring at Works

We got somewhat balled up last week in our story anent the water situation. But at that it was not entirely our fault, for the information we received came from people whom we thought knew all about the question.

As near as we have been able to learn this week State Engineer Luper, when he made a survey of this project, allotted the Staats estate three second feet of water from the springs on their property. Later L. D. Kelly filed on the surplus from those springs, same being three seven-eighths second foot. The matter was contested by Mr. and Mrs. Staats and was left for final adjudication with the state engineer. A week or so ago that official notified the Staats attorneys that he had decided that the Kelly filing was a valid one.

In the meantime the city of Maupin has acquired water rights from the Staats'. The decision of the engineer was made known to our governing body at its last meeting and the matter was laid upon the table pending further information from the state engineer's office. The city council is not averse to granting the Kelly interests water for the East side of the river. But one of the city fathers' hopes is that the Kelly interests will be willing to take their water from below the rams—the overflow. By taking water from the springs direct would impair the power of the rams, thereby rendering the fire hazard greater and reducing the amount of water required for city purposes. The matter rests there and the final outcome is awaited by all concerned.

Got Two Porkeys

Lester Kelly has been bothered lately by the onslaughts of porcupines on his garden stuff. Lester set a couple of traps Monday and Tuesday morning found a couple of quill pigs held fast in the trap jaws. The porkeys were large ones and with their capture the Kelly garden will now thrive and produce what it was intended to when planted.

Gone To The Coast

Leonard Farlow has decided that a vacation would be the only thing for him to take in order to reduce, therefore left on Tuesday morning on a two weeks' vacation. Leonard will visit various coast resorts and will conclude his trip by a visit to the Coos Bay country.

Equipping Service Station

B. W. Welch was in Maupin Monday and stated to The Times man that he was putting in a Vizo gas pump, air pump and water pipes. This is in connection with his garage at Wamic. Mr. Welch realizes the necessity of such a station at Wamic and is preparing to take care of the increasing trade passing through that hustling burg.