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A. H. Moore
REMEMBER THE NUMBER--421 COURT ST.

WILLARD

Never Kick a Battery To Pieces

Of course you wouldn't do it intentionally. No Good driver would. But a lot of experienced drivers of trucks and passenger cars have kicked their batteries to pieces without even knowing it, by banging on the starting button when the motor didn't take hold at once.

Perhaps the trouble was just thick oil; maybe water load accumulated in the carburetor.

Possibly a connection had worked loose.

But whatever it was the battery had to suffer.

You can get far longer life from your battery and incidentally from your whole car if you'll always be sure where the trouble is and correct it just as soon as you locate it.

Degge & Burrell

AUTOMOBILE ELECTRICIANS
418 Court Street
Phone 203
We call and deliver your battery.--No extra charge for service car

POPULARITY OF CORD TIRES WELL FOUNDED

Sound Reasons Underlie Wide Choice By Motorists For Wheel Shodding.

An observing person will notice on the various automobiles on the street a high percentage of tires of cord construction. This percentage, growing each year in the original equipment, is analyzed by Arthur Montgomery, of Monty's Tire Shop, of this city, as follows:

"Almost from the beginning of pneumatic tire manufacture designers have been striving hard toward a construction which would deliver the maximum amount of the engine's power, be resilient to the highest degree, and be long-lived," said Mr. Montgomery. "This is a natural ideal toward which the tire designer should strive, because the tire itself is so essential an item to the all-around efficiency of the car--not only adding comfort, but minimizing vibration, which would have to be carried by the springs, and which, in the absence of pneumatic tires, would be carried through the mechanism of the car, so the car could not hold together nearly so long.

"Comfort, minimizing vibration and delivery of an added amount of power from a given engine could be accomplished only by the use of a tire constructed like the present day cord tire. Automobile engineers have found that 80 percent of the power generated by the motor is lost before it is delivered in the form of speed.

"Much of this power loss is due to the tires themselves. Cord tires reduce this loss to a minimum. Cars equipped with cord tires have negotiated steep hills in high that fall on the same hill with fabric equipment. This has been proved scores of times.

"There is no question that the cord constructed tire is most efficient. It may be said to add tone to the car. The car rides easier; it will coast further; it will consume less gasoline; it will steer easier and pick up quicker.

"As constructed during the last few years, it has demonstrated marvelous strength. When automobile racing was at its height, it was found that only the cord tire could stand up under the severe treatment the racing driver must give any tire equipment he is using.

"On account of the greater cost it necessarily has sold at a price in excess of that charged for straight fabric construction. This naturally has caused it to be used almost exclusively on larger, more expensive automobiles."

VICK SAYS TRACTORS USED WIDELY IN SOUTH

Local Dealer Learns Of Proposed Improvements For New Fords.

B. W. Vick, of the Valley Motor company, has just returned from a business trip to Los Angeles, Cal., stopping a few days at San Francisco on his way home, and says that business in the "supposed to be sunny clime" is very good, and people all along the way are showing great activity in farm and orchard work.

The first attraction, so noticeable to the traveler he says, is the many tractors seen in field work where once the weary horse toiled "seemingly almost in vain."

Mr. Vick says that he stopped in San Francisco, and seeing so many of his old friends "The Fords" running at large was interested in finding where they all came from and paid the Ford motor assembly plant a visit. After getting a pass from the manager, he spent five interesting hours where 150 complete Fords are assembled every 8 hours.

He says that in his visit there he learned the good news that from now on all Fords will be equipped with Timken bearings and that from now on all Fords would come with motors fully equipped for starting units which could be attached as soon as the Ford company could catch up with their orders. Also that a complete starter, built by Henry Ford, could at last be purchased by the waiting public for \$75.00 over the original cost of the Ford and that the sedans and coupes are being equipped with demountable wheels and same sized tires and complete starting and lighting systems.

When asked what he thought of California in comparison to Oregon he said there was no comparison as California was made by human hands while Oregon was made not by man but by One who was all wise and left for His people of Oregon the very best of everything. But Mr. Vick says we have to head it to the Californians for being "road boosters and loyal to some name, and if we Oregonians would work and boost as they do down there in a few years time we would not recognize our own state.

Many car owners employ a paste made of flake graphite and linseed oil to rub on the inner surface of the rim, before the casing is put into place. This prevents rust forming on the rim and eliminates sticking by the casing.

To make a spring of a given size, get a bolt of that size and place it in a vise. Secure the end of the spring wire to the bolt and wind the wire in the threads of the bolt. After the desired length of spring has been made, the bolt can be unscrewed out of the coil and this can be stretched to the desired length.

BUY IN SALEM ALWAYS
BUY IN SALEM ALWAYS

THREE NEW MEMBERS ADDED TO ELGIN GROUP

Three-Passenger Roadster, Truck And Tractor Are Announced.

Three new members are to be added to the Elgin family about July 1, or soon thereafter, is the word brought back from Seattle by Leo L. Gilbert, state distributor for the Elgin Six in Oregon, who was called to the sound city for a conference with two factory representatives, E. M. Mark and Mr. Huff, last Friday.

The new arrivals are to be a three passenger roadster of the six cylinder type, to be ready for delivery about passenger roadster of the six cylinder tractor. Just when the tractor and the truck will be put out on the market has not yet been definitely determined.

While the roadster will not be ready for delivery before July 1, Mr. Gilbert is advising all prospective buyers who want this or any other Elgin to order now.

"Within 60 days," said Mr. Gilbert, "it is going to be impossible for buyers to get Elgin cars. The factory is even now far behind its orders and we cannot begin to fill the demand here in Oregon. Out of the train of 84 cars of Elgin Sixes to be shipped to the Pacific Coast from the factory May 15, we will only get 80 autos here in Oregon and most of them have already been sold. We have had to shut off on our agents in other parts of the state to fill the Portland and Salem demand."

Pertinent Pointers

Trouble is frequently experienced in cutting the vent for a muffler cut-out.

V-shaped vent prevents free movement of the butterfly valve used on so many cut-outs. Here is a way of cutting a satisfactory cut: Cut the exhaust pipe with a hacksaw through half of the pipe diameter. Then saw a parallel slit and finally another diagonally across. In this way two points can be bent back and sawed off. A little asbestos packing makes a tight cut-out joint.

It is a good plan to wipe off all tools on a bit of oily waste before restoring them to the tool box. The oil deposits on the metal keep it from rusting, which is a trouble to be guarded against.

It is comparatively easy to make a self-lubricating bushing for the spring bolt by drilling, say eight holes, each 3-16 of an inch in diameter, through a new bronze bushing. These holes are packed with graphite, when the bushing is in place. By removing the spring bolt every six months and repacking the spring bolt with graphite, a nearly self-lubricating bushing, as far as lubrication goes, will result.

Many times a troublesome skip in a cylinder is due to an unsuspected leak in a high tension wire. When hunting for such trouble, go over the wires carefully, raising them slightly from any place where there might be a leak. When found, the place must be covered with electric tape, unless a new wire is installed.

Do not forget to have the battery filled with distilled water at least once every two weeks.

A very ingenious tool rack for flat tools may be made by boring a number of holes in a board, each hole being just large enough to take the neck of a clothes pin. Clothespins are then driven into the holes and the cleft ends are used to receive the tools. The pins may be made secure by a small wire nail driven through their heads into the board.

Tufted or studded upholstery is a great catcher of dust and dirt. The ordinary whisk broom cannot reach the bottom of these small depressions. About the only thing that will is a painter's brush with stiff bristles that come to a point. This will be found a valuable addition to the garage equipment.

If you are a race fan read this to your wife. The night before the 500-mile dash at Indianapolis one spunking wagon and 10 men actually scrub every brick on the 2 and one-half mile course. Sure, it only comes once a year, but who wants a race course for a kitchen!

In grinding valves it is important that they be lifted off their seats and oscillated as the grinding proceeds. By fitting a spring under the head of the valve, so as to lift the valve whenever the pressure of the tool is lightened, this operation is greatly simplified.

Don't Delay the Game

Bring in that used car and let us sell it quick. If you want a used car here are just a few of the bargains we have to offer.

4 Fords, 1915 and 1917 models, \$350 and \$385.

Buick roadster, \$285.

A car that will make good 1-ton truck, \$200.

Model 90 Overland \$650.

1 1-2 ton truck trade for touring car.

Brisco touring, first class shape, \$575.

White gas, \$625.

Buick touring, good condition, \$350.

We have the handiest blowout shoe ever invented. Put the shoe around tire and lace up. Pump up and go on. You will have to see it to appreciate its convenience. Guaranteed to run 3000 miles on its own fabric. Sizes to fit any tire, 85c to \$1.85.

Remember we wash cars.

Salem Auto Exchange

229 State Street

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