

FARMER EAGER TO SEE RESULTS OF TRUCK RUN

Anxious to See How Various Makes Perform on the Country Roads.

Farmers throughout the middle-western districts, known as the "money belt," are watching with the utmost interest every development in the First National Motor Truck Reliability contest, staged for this district, starting from Omaha some time in June.

The trip of the pathfinder is being looked forward to anxiously, as many sections of the districts which were not included in the tentative route are very anxious to secure a place on the final itinerary.

General Manager Charles P. Root, who will make the pathfinding tour, has promised consideration of every application. The farmers of the district are particularly anxious to see what the trucks will do under full capacity load over the roads of their district.

Open Field to All.

There are buyers in the middle west who are not "sold" on the motor truck, and there are dealers and distributors who are not completely sold.

The great reliability contest under the rules which have now been issued after approval by the contest board of the American Automobile association will serve to demonstrate beyond all doubt the capabilities of motor trucks of every class and of all ratings from three-quarter ton to three and one-half tons, inclusive.

The farmers want to know that the trucks with pneumatic tire equipment will fill the bill, and will provide high-class transportation under any and all circumstances for their products to and from market. It is believed that when the manufacturers realize this, the entry list will be added to materially.

Trailer Is Taking An Important Role In the Motor World

Basing his forecast on reports received from sixty-five trucking centers, E. Farr, director of the First National Ship-by-Truck bureau, at Akron, O., predicts that the day is rapidly approaching when trailers consisting of trucks and trailers will be seen on the highways as frequently as trucks are today.

"We learn," says Mr. Farr, "that the trailer, given good level roads, can reduce operation costs 20 to 40 per cent."

"One readily appreciates that railroad freight rates would be many times higher than they are if each freight car operated separately, since the number of railway employees and the total fuel consumption would be multiplied many times."

Noted Driver Takes Position With Essex Motor People

Detroit, April 17.—"Dave" Lewis, the noted racing driver who holds every world's track record from one to 100 miles, has just signed a contract with Essex Motors, according to an announcement made this week.

Lewis is now at work in the experimental laboratory at the Hudson factory where the Essex is built. Whether he will appear at the wheel of an Essex in any contests this year is not known.

Lewis is one of the best known of the younger generation of racing drivers, his victories at Santa Monica, Tacoma, Oklahoma City and Sheepshead Bay having attracted much attention in the last few years.

His most recent achievement was his part in the setting of a new world's long distance record with an Essex stock chassis on the Cincinnati speedway by covering 3,037 miles in 50 hours.


E. & A. Railroad Train Runs On High Speed

Train "No. 1" on the Elkin & Allegheny line between Elkin and Doughton, N. C., at the foot of the Blue mountains, is a Ford one-ton truck fitted with an improvised four-wheel truck in front and flanged railroad rims in the rear. The body is enclosed and seats 19 passengers and driver, and a trailer carries mail, express and baggage. The railroad people are so well pleased with the improvised train that they intend putting on train No. 2 next spring.

On one of No. 1's trips this winter it carried 29 passengers, 1,187 pounds of mail and 940 pounds of express, or a total of approximately 6,165 pounds on a 2 1/2 per cent grade on high speed.

Pounding.

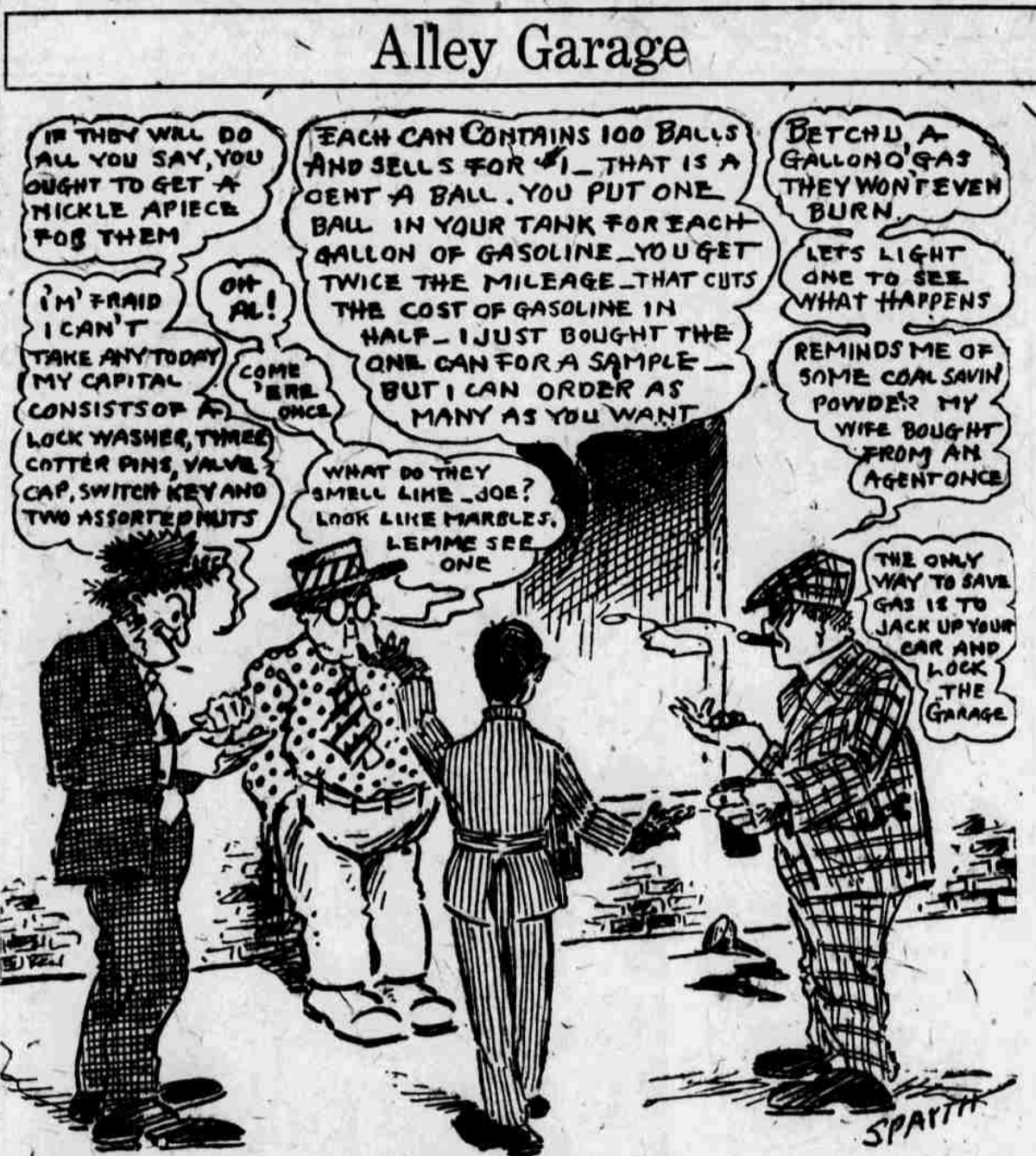
If a pound in the engine is regular and continuous it is likely to be from lost motion in the bearings. If it is irregular and occasional it is more likely to be due to preignition caused by incandescent carbon or from imperfect electrical connections. If the pounding is accompanied by occasional missing, especially if the missing is more frequent when the car is running than when the engine is idling, it is more apt to be due to imperfect electrical connections.



CADILLAC
Recognized everywhere for its PERMANENCY of VALUE

J. H. Hansen Cadillac Co.
Omaha Lincoln

Alley Garage



IF THEY WILL DO ALL YOU SAY, YOU OUGHT TO GET A NICKLE APiece FOR THEM

I'M AFRAID I CAN'T TAKE ANY TODAY MY CAPITAL CONSISTS OF A LOCK WASHER, THREE COTTER PINS, VALVE CAP, SWITCH KEY AND TWO ASSORTED NUTS

OH! ALL! COME HERE ONCE

EACH CAN CONTAINS 100 BALLS AND SELLS FOR \$1. THAT IS A CENT A BALL. YOU PUT ONE BALL IN YOUR TANK FOR EACH GALLON OF GASOLINE YOU GET TWICE THE MILEAGE THAT CUTS THE COST OF GASOLINE IN HALF. I JUST BOUGHT THE ONE CAN FOR A SAMPLE— BUT I CAN ORDER AS MANY AS YOU WANT

BETCHU A GALLON OF GAS THEY WONT EVEN BURN

LETS LIGHT ONE TO SEE WHAT HAPPENS

REMINDS ME OF SOME COAL SAVIN POWDER MY WIFE BOUGHT FROM AN AGENT ONCE

WHAT DO THEY SMELL LIKE... JOE? LOOK LIKE MARBLES, LEMME SEE ONE

THE ONLY WAY TO SAVE GAS IS TO JACK UP YOUR CAR AND LOCK THE GARAGE

An Amateur Salesman Hits The Alley Garage And Is Doing His Best To Sell The Gang Some Little Magic Balls Which Are Supposed To Give Gasoline Double Power

May Day Picnic for Boy and Girl Bicycle Enthusiasts Planned

A May day picnic has been planned for the boys and girls who ride bicycles by Victor H. Roos, the Harley Davidson distributor.

All boys and girls in Omaha who ride bicycles are invited to attend. The customary ice cream and good eats will be served and numerous games will be played. Every one will be assured a good time.

Adults will be present to assure the children's good time and safety. All those who intend to be present are asked to call Harney 2406 for full particulars.

Missing.

When missing occurs in one cylinder at slow speed, while the firing is all right when the speed is raised, it is a pretty good guess that the fault lies in too wide a spark gap in the plug of that cylinder

PRACTICAL PARAGRAPHS.

Balancing Wire Wheels.

Owners of cars with wire wheels will do well to look to the balance of these. In order to reduce the magnitude of the centrifugal force of excess weight on one side of the wheel this latter should be balanced, just as a flywheel is. The wheel is jacked up and revolved just slightly to determine which side is the heavier. A piece of electrician's tape is then wound around a spoke on the opposite side. This process is continued until the wheel remains in any position in which it may be placed, showing that the weight is equal on all sides.

Mounting Straight Side Tires.

The proper method of mounting straight side tires is to lay the rim on the floor, inserting the valve stem of the tire in its proper place. The bead for 10 inches on both sides of the valve should then be forced in place. After starting the tire in this way it should be forced in place further by stamping on it, first on one side and then on the other. Stamp- ing in this way will let the operator seat the tire easily as a general thing, though it is sometimes necessary to resort to a tire tool. The ends of the rim may be brought into place by means of a screwdriver to use an prying, and care must be used not to make a mistake and get the wrong end of the rim on top. This method is for use when a rim expanding and contracting tool is not available, as this latter saves much time and trouble and should be in every tire box.

Clutch Spinning.

Clutch spinning is often due to excessive friction in the spring thrust bearing, though sometimes faulty alignment of the flywheel and clutch cone prevent the engaging surfaces from entirely clearing each other. A bent clutch shaft might also cause this trouble.

Ball Bearing Care.

Few owners pay the attention to the ball bearings that these latter deserve. They usually wait until the garage man calls attention to the injury done by breakage. At least once



Travel & Transport Topics

Conducted by Goodrich

Roads out of Omaha are all passable, though some are wet in spots.

Road to Lincoln wet in spots from Omaha to Ashton. No difficulty getting through.

From Ashland to Lincoln in good condition.

Road to Plattsmouth wet in spots but passable.

Lincoln Highway to Fremont wet. Military road better than Lincoln Highway.

Road to Red Oak, Ia., in fairly good condition.

Road to Oakland, Ia., wet in spots for about 20 miles. Fair from there on.

Jordan Cars Are In Great Demand In This Section

Announcement was made last week that the Peterson Motor company, distributors of Jordan and Columbia motor cars had moved from 2427 Farnam street to 2047 Farnam street.

The new location, according to R. W. Peterson, will, for the present, take care of their needs, although another year of such rapid strides will make it necessary for them to again seek larger quarters.

The Jordan cars are among the most popular cars of the season and the greatest concern in connection with their sale is occasioned by the delivery situation. So far the factory has been unable to keep pace with the demand, although production is now on a large scale.

In six months ball bearings should be inspected, the rough or worn balls replaced with perfect ones and the ball run filled with graphite grease.

A Little Square of Canvas.

Few car owners realize what a convenient accessory as a little square of canvas, about 18 inches over all. It saves the knee of the trousers when you have to kneel to get at some inaccessible part. It keeps the jack from slipping on snow or ice. It keeps the inner tube out of the dust when this part is being inserted by the roadside. It will serve to strain gasoline through, it will keep tools from rattling, it will protect the hand in handling hot parts and finally it will make an emergency inside blowout patch. And without it takes up practically no room in the tool box.

Ford Lubrication.

There are three principal points to be watched in the lubrication of the Ford car, the crankcase supply of course, the universal joint and the differential gears.



The MOTOR DIGEST

Automotive Activities Throughout the World.

The history of the motor truck antedate the passenger automobile.

The British army employed 413 women motor drivers during the war.

There are only 299,135 miles of improved highways in this country. More than 3,600,000 horses were displaced by motor trucks last year.

The largest motorcycle factory in the world is at Springfield, Mass.

Sales of automobiles in British Columbia totaled 6000 cars last year.

Rubber tires on motor trailers are required in Michigan and Wisconsin.

Wisconsin has 12,000 miles of railroads against 77,000 miles of highways.

Motor truck trains moved between points 1,000 miles distant during the war.

Four highways are to be constructed in St. Louis county, Missouri, to cost \$1,872,000.

French pedestrians pay little or no attention to traffic when crossing the highways.

The estimated production of agriculture type motor tractors for 1920 is 300,000.

Canada ranks second among nations for the manufacture and ownership of automobiles.

The Boston postal service in Massachusetts is to be augmented with 10 additional motor trucks.

The state of Oregon has nearly 10 times as many motor vehicles as the entire country of Norway.

For transportation by rail, flat cars and gondolas are used in shipping automobiles around the country.

Illinois, Michigan and Massachusetts permit the operation of motor trailer trains 60 or 65 feet in length.

American-made automobiles are more conspicuous on streets of Athens, Greece, than any European make.

The \$20 Federal Reserve bank note, series of 1914, has an engraving of an automobile on the reverse side.

In China, the old city walls of Canton are being razed, and wide highways are to be built on their site for automobile traffic.

Storage and handling of gasoline has been placed under state regulation by the bureau of fire protection in Pennsylvania.

The Department of Agriculture is distributing to state highway commissioners 24,000 war motor for use in road building.

With 42.5 per cent of surfaced roads, Indiana has the greatest percentage of improved highways of any state in the Union.

The latest production in modern "fire engines" have motor-driven pumps installed to deliver 600 gallons of water a minute.

Nearly all the 10,000 motor truck lines in the United States, operated

by corporations or firms, are engaged in urban business.

The Cincinnati (Ohio) Automobile club is to erect a seven-story building as its new quarters, with a garage as a part to hold 400 cars.

Grade indicators are the latest improvement on modern motor cars. The device shows the percentage of grade ascending or descending.

As a part of its collection of freaks, the first motor vehicle to be exhibited around the country, was among the big attractions in a circus in 1896.

In recognition of his military service, Larry T. Donovan, who lost an arm while fighting in France, was given special permission by the public service commission to operate a motor car in Philadelphia, Pa.

Road tax, which is imposed upon every male inhabitant of Bulgaria from 21 to 55 years of age, is no less than \$1.60 per year, or five days' work. Two days' work is accepted from those who use their own teams.

Eleven million dollars will be spent in building better highways throughout the state of Montana during 1920, a part of which is sandwiched in between Yellowstone and Glacier national parks.

Through the great part motor vehicles played in the defeat of "the enemy of the world" on battlefields of France, one of the leading manufacturers of motor trucks was decorated with the Croix de Guerre by the French government.

The Cleveland Federal Reserve bank in Ohio is the first of the federal banks to make use of a specially built motor "tank bank." The body is of armored steel, bullet proof by tests, and is mounted on a large truck chassis geared to high speed. The motorized bank has space for eight guards and has several gun-turret windows. It is to be used to transport funds to and from other banks.

Caring for the Tubes.

The tube should be oiled flat with soft cloth between the layers; a strip of cotton flannel rolled up with the tube is excellent. The roll should then be placed in a thick cloth bag with the stem protruding and the mouth of the bag be tied around the stem. It is a good plan to put talcum powder in the bag.

Thinning Cement.

The attention of car owners should be directed to the inadvisability of thinning rubber cement with ordinary gasoline, which contains too much oil to be safe for that purpose. Oil is a deadly foe of rubber. High test gasoline or bisulphide of carbon are the proper agents for thinning rubber cement.

The Product of Experience



MORE power and greater mileage for less money!

That is what the Valve-in-head motor and the well balanced construction of the Chevrolet "FB 20" Roadster affords its owners.

That is what makes it ideal for business as well as general use.

CHEVROLET MOTOR CO. OF NEBRASKA

RETAIL STORE—2215 FARNAM ST.



Chevrolet "FB 20" Roadster, \$1270, Job. Flint, Mich.

General Automobile Repairing and Machine Work

LAMESH & WOODRUFF

2450 Harney Street (Rear) Phone Doug 4042

WHOLESALE

FOURTEENTH AND HARNEY STREETS

G. C. CUNNINGHAM
SECRETARY AND MANAGER

March 18 1920.

Hamilton Motor Company,
1814 Cumings St.,
Omaha, Nebr.

Gentlemen:

Acknowledging receipt of your recent communication pertaining to our experience with Autocar Truck, it is our pleasure to inform you that since the first day we used same (November 13, 1918) it has been practically operating One Hundred Per Cent effective. No delays of any serious nature have taken place and but very few petty delays.

Our experience with the Autocar is of such a nature that were we in the market for another two ton truck we would be just conceded enough not to look elsewhere but to purchase another Autocar believing in leaving well enough alone.

Yours very truly,

PIONEER GLASS & PAINT COMPANY
Glenn Cunningham
SECRETARY

GCC:AKR



Let Us Solve Your Transportation Problem

Economical transportation has been the success of many business firms in Omaha. Thorough examination in the truck field has found the Autocar to be the one truck of economical operation. It reduces the overhead expenses and enables the business firm to give quick, efficient service.

Have you an Autocar Truck in your business? If not—why? They are solving the transportation problems for thousands of business firms and can solve yours. Different Omaha firms own and operate about eighty Autocar Trucks.

HAMILTON MOTOR COMPANY

C. W. Hamilton, Jr., President
Wm. F. Bruett, Treasurer
Glenn A. Wilcox, Secretary

1814 CUMING ST. DISTRIBUTORS OMAHA, NEBRASKA