

MOTOR TRANSPORTATION MAKES GREAT ADVANCE IN 20 YEARS

Automobile of Today Is Development From Carriage or Buggy With Power Plant; First Oldsmobile Came Out in 1896; Ford Started in 1903 With Twin-Cylinder; Haynes Had Car in 1891.

WHEN it is taken into consideration that a short 20 years ago there were no motor vehicles, in the present acceptance of the term it does not make any difference whether the average person believes or disbelieves that Edward Haynes was the first to build and operate a practicable car.

It has been said, and no one who has kept up with the events of the 20th century will doubt for a second, that the progress in the building of motor drawn vehicles has eclipsed the strides made in any other industry.

Evolution of the Auto. The automobile of today was developed from a carriage, or buggy, with a gasoline engine attached.

From two to four cylinders was considered revolutionary, and 10 years ago such a "car" if it could be called with due deference to the late model, was thought to possess an excess of luxury and power.

In 1892-4 an improvement was made on the buggy type of car by the Haynes-Apperson people in Kokomo, Ind., with the engine, coils and endless chains directly underneath the seat of the buggy, and, as compared with the car of the present, it looked more like a sawmill.

In 1892 Duryea improved on his first dream of a gasoline buggy and all of the workings of the machinery were hidden from view, retaining the buggy appearance almost entirely, but his creation was subsequently discarded.

Alexander Winton, of Cleveland, O., in the summer of 1896, built the really first experimental gasoline car. It was an open cylinder, eight horse power motor, it had wire wheels and rubber tires. There was room for two in the front seat and for two in the back seat, those riding in the rear seat being compelled to ride with their back to the cooling breeze.

Springing Another New Car. In 1897 Duryea sprang another car on the public, built for two and provided with a top, wooden wheels and solid rubber tires, and in 1899 the Oldsmobile came into existence in a shape that is entirely obsolete now. It was an improvement over the Winton car to the extent that the four occupants provided for could sit with their face toward the route they were traversing, but the engine underneath the car was plainly visible and not altogether a thing of beauty.

Henry Ford made his first car in 1892. It had two opposing cylinders, was eight horse power and weighed 1250 pounds, and was the forerunner of one of the most popular low-priced gasoline cars on the market.

Interesting Data. The following data relative to the development of automobiles will prove interesting.

First automobile built by Duryea in 1891.

Successful motor car produced by Edward Haynes in 1894.

In 1895 American car wins Chicago Times-Herald race against a foreign car.

In the year 1899 Elmore, White and Maxwell companies begin auto building and New York and Chicago have their first auto shows.

In 1901 Knox, Ford and Franklin cars appear.

Pierce-Arrow and Thomas cars appear.

Motor Car Supply Co. I. M. DUENSING

Cor. N. El Paso and Franklin Streets.

1600 Lb. Capacity. 1500 Lb. Capacity. 2000 Lb. Capacity.

I. H. C. Trucks

Bargain for Quick Sale

Oakland Auto Sales Co.

MAUD

Red and Shorty Made an Awful Mistake.

BY OPPER

OFFER TROPHY FOR BIKE RACE

Goodrich Company Hopes To Encourage Bicyclists in Racing Game.

Albion, O., June 24.—Irrespective of make of tire used, or whether the riders be amateurs or professionals, the R. F. Goodrich Co. has announced that to the club team making the highest score in 1916 open air road bicycle races held under National Cycling association sanction and rules, it will present a beautiful hammered silver trophy cup, valued at around \$400.

The purpose of the Goodrich company is to increase interest in open road competition. Notwithstanding the fact that the Goodrich factories produce the famous Palmer road bicycle racing tires, the Goodrich giant safety and other widely used tires, the contest is open to riders upon any make of tire because the object is simply to encourage more amateurs and other cyclists to participate in the sport.

The National Cycling association under the direction of its president, R. F. Keller, has prepared the following rules to govern the award of the Goodrich cup:

1. A club may enter as many of its bona fide members in any open road race as it chooses, but only the first five members crossing the finish line shall count in the score, and these five must be inside the first 50 men to finish, inclusive.

2. The finishers will be scored in the relative positions in which they finish, and the position of finish will be the number of points credited to each man of the team, the total to be the team score.

3. Clubs must enter and score in at least five open road races given by five different promoters during the period of competition to be eligible to win the trophy.

4. Reports of club team scores must be filed as follows: One copy with E. C. Tibbitts, director of advertising, the R. F. Goodrich Co., Akron, O., and one copy with R. F. Keller, chairman of the board of control, National Cycling association, 119 West 40th street, New York City, as soon as the race is run as far as possible. Each of these reports must be signed by the referee of the race and at least three judges of the finish, so as to verify the positions of the men officially.

5. All races must be sanctioned by the National Cycling association and run under the road racing rules of said association.

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CHICAGO MOTOR DERBY WINNERS PRAISE TIRES

Chicago, Ill., June 24.—The recent terrific duel at the Chicago Motor derby between these two Italian automobiles, the De Palma and Bosta—grinding out distances of almost 100 miles an hour, fairly annihilating space, brought to mind comparisons between the tires of today and yesterday.

SAN DIEGO FURNISHES CAMP SITES FOR MOTOR TRAVELERS

Motorist travel to the Pacific coast and the Panama California International exposition at San Diego is proving greater during the present year than in 1915 when two expositions were in full blast. The San Diego exposition has distributed more than 300 brochures to motorists who have traveled more than 500 miles in coming to the exposition, and many of these have won the Tiffany silver medal offered by Motor for transcontinental motor tours.

Sells Burros To Tire Man When He Seeks For Steers

There was a little story which drifted into El Paso on Friday and caused a few smiles along gas row. H. L. Williford, secretary of the Quick Tire Service, is due here this afternoon from Dallas and the truth of the story may then be ascertained.

DODGE STOCK CANNOT BE BOUGHT ON MARKET

With all the talk of motor car combines, either actually projected or rumored, the name of Dodge Brothers has not been mentioned.

DEALERS SHOW PATRIOTISM

The motor car dealers of San Francisco have shown their sentiment for irrepressible by pledging the use of automobiles for the transportation of citizen-soldiers in the first annual encampment at Monterey beginning July 5.

HIGH GEAR TOUR ACROSS CONTINENT TO BEGIN JULY 3

The first transcontinental high gear run attempted starts from the Panama California International exposition at San Diego Monday, July 3, at noon and it will also be the first time an automobile has ever actually been started by Western Union telegram, when the impetus has been given by a person more than 1500 miles distant.

"LOW ALTITUDE MECHANICS" SPOIL A GASOLINE RECORD

George Rogers has returned from a trip to San Antonio in his Chevrolet "490" touring and reports the route in very fair condition for the entire trip.

Why Bolter Speeders? Get After Drivers Who Break Traffic Rules

"Why worry over a little bit of speeding?" asks C. P. Henry, of the Cadillac Sales company. "If the authorities would pay a bit of attention to the drivers who violate other traffic regulations, they would make the streets of El Paso a lot more safe."

Firestone Tires INDEPENDENCE Of Tire Trouble

"WHEN in the course of human events"—you run into a bad stretch of road, where the going is tough, it's good to remember that your car carries Firestones. It means freedom from anxiety—"no tax" on the nerves.

"No tax" worth mention for repairs because of the Firestone in-built endurance and tough, wear-resisting tread—Most Miles per Dollar.

Distributed in the Southwest by Tri-State Motor Co. Incorporated El Paso, Texas

The largest and most complete line of Accessories and Supplies in the Southwest.

Special: ONE ALMOST new "Big" radiator. (one five passenger "Big" touring car. (Demonstrator.)

Oakland

SIXES AND EIGHTS. Touring, Speedsters and Roadsters, \$870 TO \$1685 Delivered.

Oakland

"SIXES" \$870 DELIVERED.

"SEVEN" \$1075 DELIVERED.

"EIGHTS" \$1275 DELIVERED.

"NINES" \$1475 DELIVERED.

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