

\$100,000 PRIZE CONTEST TO SEE 25 PILOTS DASH

International Competition to Feature Great Auto Race to Be Held at Indianapolis May 30.

Indianapolis, May 14.—Twenty-five of the crack drivers of two continents will form the card on the historic Hoosier oval May 30 for the largest racing race ever hung up, approximating \$100,000.

Drivers have been named for 22 of the speed creations which will contest in the 500-mile race, but the entrants of two have cautiously withheld the pilots' names. Five of the drivers are braving the briny deep to get a chance at the fame and fortune incident to victory in the International race and six overseas cars will compete with the best of American racing productions.

Six of the drivers named have never competed in an event at Indianapolis, but all of them have established records on road courses or other speedways. All of them will be among the first to hit the bricks of the dirt track to practice, while the old timers who have coursed the track lap after lap will devote more time to the preparation of the mounts and general conditioning of themselves.

NATIONS REPRESENTED

The Italian flag will fly over the garage of DePalma and Resta, both having been born in Italy, while the tricolor of France will wave over the large French colony composed of Andre Bollot, Rene Thomas, Albert Guyot, Jean Chassagne and their large corps of assistants. Foreign cars entered in the race are Sunbeams, English; Peugeot, Talbot-Darracq and Ballot, French, with the other cars all made in America.

In the race there will be five strong teams composed of three or more cars with at least four lone wolves prominent among them, Ralph DePalma. The advanced seal sale indicates that the largest crowd that ever attended a sporting event will again be present at starting time Decoration day. The largest crowd that ever saw a race was last 3 days when more than 125,000 people watched the late Gaston Chevrolet win the Indianapolis event.

DRIVERS ARE NAMED

Entrant	Car	Driver
E. A. Hearne	Revere Special	Eddie Hearne
Ralph DePalma	Ballot Special	Halbh DePalma
Ira Yall	Talbot-Darracq Special	Ira Yall
Tommy Milton	Durant Special	Tommy Milton
Deussenberg Brothers	Deussenberg Special	James Murphy
		Roscoe Sarias
		Edward Miller
		Eddie Pullen
Louis Chevrolet	Frontenac Special	Ralph Mulford
Jules Goux	Peugeot Special	Howard Wilcox
Louis Costelan	Talbot-Darracq Special	Andre Bollot
		Rene Thomas
C. L. Richards	Junior Special	Dario Resta
		R. J. Brett
John Chassagne	Peugeot Special	John Chassagne
John A. Thiele	Deussenberg Special	John A. Thiele
Jules Ellingboe	Frontenac	Jules Ellingboe
Stanley Kandel	Chicago-Frontenac Special	Fercy Ford
Deussenberg Brothers	Deussenberg Special	Joe Boyer
Deussenberg Brothers	Deussenberg Special	Albert Guyot
C. W. Van Hant	Frontenac Special	C. W. Van Hant
L. Corue	Frontenac Special	L. Corue
Mervin E. Headley	Frontenac Special	M. E. Headley

THIS MOTOR MEAT MARKET IS USED IN EAST



An enterprising meat and fish dealer in an Eastern city takes goods to his trade via gasoline. He saves rent and can go where he wishes, thus meeting competition.

Cottage Grove Is On Job With Auto Park Attractions

Cottage Grove, Or., May 14.—The automobile camp grounds of Cottage Grove are made up of 2 1/2 acres of the city park, lying east three blocks from the Southern Pacific depot. The grounds have been fenced for the accommodation of tourists and plenty of space for parking and tenting is assured.

A new building has been begun for a rest room and bathing and a brick stove has been installed in the grounds, which have a capacity of about 100 machines. The grounds are under the jurisdiction of the Commercial club and city council, which have not settled the subject of charges.

YEAR'S ROAD WORK FAR EXCEEDS LAST

Two Hundred Miles More Already Planned in State; 1107 Miles of All Work is 1921 Total.

Salem, May 14.—Highway improvement work included in the 1921 program, including that to be contracted at the meeting of the commission in Portland May 26 and 27, already exceeds that performed during 1920 by almost 200 miles, according to a report prepared by Herbert S. Nunn, state highway engineer.

The improvement program which has already been mapped out for this year includes 187.5 miles of paving, 480.1 miles of rock and gravel surfacing and 439.5 miles of grading, or a total of 1107.1 miles of improvement of all types as against a total of 933.3 miles of improvement accomplished in 1920. Including this year's program there has been a total of 2880 miles of road construction of all types undertaken by the state highway department since its inception in 1917, the report shows.

Of the 1107.1 miles included in this year's program 878.4 miles have been contracted up to the present time and 181.6 miles are to be contracted

Auto Tires Below The Pre-War Price, Word From Akron

Word from Akron has placed automobile tires in that exclusive and select group of commodities which are lower in price than during pre-war times. The announcement made by the B. F. Goodrich Rubber company reduced their tire prices 20 per cent. This is the second Goodrich price reductions in six months' time, making the prices lower by about 35 per cent than prevailed during the motoring season of 1920.

The announcement pointed out that a new price level has been put into effect at the opening of the season, at a time when motorists are replacing their old tires with new ones. The new prices, it said, are to continue throughout the season and are not merely a "bargain" or temporary reduction. This radical action, according to the announcement, was taken to benefit the motorist who had planned to defer his tire buying until July or August in anticipation of lower tire prices.

Auto House on Way
Lenox, Mass., May 14.—Mr. and Mrs. C. M. Willett, C. M. Willett Jr., and Wendall Fisher, who left Whitman in an auto house Friday to seek their fortune in Meriden, Idaho, arrived at this town. They have their house on wheels, equipped with a cook stove, beds and other furniture. They also have a cat, dog and several hens. The latter so far have laid eggs enough for breakfast each day.

at the next meeting of the commission the latter part of this month.

\$1 TIRE SALE

By Popular Request

2 TIRES

For the Price of One—With an Additional \$1

TUBES

For the Price of One—With an Additional \$1

This is the request made by our regular customers—and other car owners. Offering you a tire at the regular price—with another tire for \$1.00. Sale opens Monday, May 16. Our stock is limited, so come early and get the pick of these excellent values.

FABRIC TIRES		CORD TIRES		TUBES	
Size	Price of One	Price of One	Price of One	Size	Price of One
30x3	\$17.25	32x4	\$53.70	30x3	\$3.60
30x3 1/2	20.50	32x4 1/2	55.10	30x3 1/2	4.20
32x3 1/2	25.20	32x4 1/2	59.10	32x3 1/2	4.50
31x4	28.00	34x4 1/2	62.00	31x4	5.40
32x4	33.60	35x4 1/2	63.75	32x4	5.70
33x4	35.25	36x4 1/2	65.00	33x4	5.90
34x4	36.10	35x5	77.20	34x4	6.20
32x4 1/2	41.25	37x5	78.50	32x4 1/2	6.90
33x4 1/2	44.50			33x4 1/2	7.20
34x4 1/2	47.75			34x4 1/2	7.80
35x4 1/2	50.00			35x4 1/2	8.20
36x4 1/2	50.75			36x4 1/2	8.80
35x5	58.70			33x5	9.80
37x5	62.25			37x5	10.30
					9.70
					TAX EXTRA

These Prices Are on Such Makes as Fisk, McGraw, Republic, Batavia, Firestone and Others

Some of these tires are classed as "seconds," but they are strictly new and consist of tires of surplus lots, factory overproduction and slightly blemished. Every tire will give service—that's why we guarantee them.

MAIL ORDERS GIVEN PROMPT ATTENTION
In ordering give first, second and third choice as some makes are limited to only a few sizes.

Northwestern Tire Corporation

Telephone B-7411 Corner Broadway and Glisan, Portland, Oregon



CRANKSHAFT VITAL AND COSTLY PART

(Continued From Page One)
rods, and main bearings and see to it that they are numbered so as to be replaced in their former positions. Remove flywheel from the shaft so it can be handled more easily. After motor is disassembled and you start working on the crank shaft, remove system and perseverance are put to a severe test.

TIGHTEN BEARINGS

Place bluing (the kind used in washing clothes) on the crank shaft where main bearings fit and tighten shaft down with the bearings in proper place. Then turn the shaft over a few times. When this is done, again remove the bearings and shaft, and it will be seen what bearings are out of line and also the high and low spots. Scrape the bearing where the bluing is for they are the high places. Keep doing this until the bearing seats fit the crank shaft and bearing is equal all over.

By following these instructions carefully one cannot help but get his crank shaft in line and get the bearings properly seated. Connecting rod bearings should be seated in the same way, one at a time.

After seating the bearing, it should be tightened by removing the fine shims between upper and lower bearings, one at a time, until tight. As soon as the bearings are tight tap them with a hammer. If the sound is solid, all is well. If a dull sound is heard, investigate, for something is wrong and the bearing is not seated properly. After the bearing is tight, if the shaft does not move freely, place a fine thin shim back between the bearings and this will give about the right adjustment.

Remember an ounce of prevention is worth a pound of cure and that the best prevention against bearing trouble is to change the oil in the crank case every thousand miles at the most.

Keaton Goes East To Increase Tire Output at Factory

R. H. Keaton, president of the Keaton Tire and Rubber company of San Francisco, has left on a special trip to eastern points, including visits to New York, Chicago, Akron, Detroit and Jackson. Just before leaving Keaton announced an increase in the guarantee of Keaton non-skid tires to 10,000 miles. The early and added demand for this tire has made it necessary for the Keaton company to speed up factory production and Keaton feels he can only secure the necessary action if he is personally on the job.

The Keaton Tire and Rubber company, in addition to manufacturing Keaton tires, is the exclusive coast distributor for all of the large automobile wheel and rim companies. Keaton intends to place orders for carloads of steel rim products to meet the demands of the coast trade. The Keaton rim line included Firestones, Kelsey, Stanwell, Jaxon, Hayes, C. W. C. Goodyear, Goodrich and others. Keaton will be gone several weeks.

Vulcanizers, Attention!

New and Used Vulcanizing Equipment for Sale. Also the Quaker Kerosene Oil Gas Burner. Specially adapted for vulcanizers. Call or write for folder.

HARPER & HALL
Retrofitting and Vulcanizing Works.
464 BURNSIDE ST. PORTLAND, OR.

ANNOUNCEMENT: New CHEVROLET Prices

Prices Cut to Pre-War Level

Prices Effective Immediately F. O. B. Factory

MODEL 490	
Chassis	Now \$ 595
Touring	Now \$ 645
Roadster	Now \$ 635
Sedan	Now \$1,195
Coupe	Now \$1,155
Delivery	Now \$ 645
1-Ton Truck	Now \$1,225

Fully equipped, including Electric Starting and Lighting System, Demountable Rims, Tire Carrier and Speedometer.

We Can Make Immediate Delivery

The General Motors Corporation backs the Chevrolet 490. Combine this assurance of proven dependability with the new low prices. It's the very biggest motor value on the market!

Refund Certificates Are Redeemable NOW FIELDS MOTOR CAR CO.

Fourteenth and Alder Streets
Grand Avenue and E. Burnside St. St. Johns Gresham
P. H. Dunn Motor Car Co., Milwaukie and Bybee Aves., Sellwood

In the Hardest Market in Years The Haynes Scores Greatest Success

states Alton G. Seiberling, Vice President and General Manager
The Haynes Automobile Company, Kokomo, Indiana

This is the greatest year the Haynes has ever known. It is far exceeding last year and the year before, when production alone measured the volume of sales. That was a "sellers' market," and little if any work was necessary to sell a car.

To-day things are different. People are scrutinizing their purchases. They are insisting that every dollar shall buy its full value.

And to-day the sales of Haynes cars are exceeding those of last year by one-third. The volume of sales is 133 1/2 per cent. of any previous year. So great is the demand for the Haynes that to-day in our big factories at Kokomo we are employing 16 per cent. more men than ever before, even in the big rush days of last year and the previous one.

There is just one big impressive reason for this. When anybody sees the Haynes and studies it until he knows its worth he wants it. The Haynes 50—the smaller and lighter six-cylinder, five-passenger touring car introduced the first of the year—has swept the country. Never before was a motorist offered such value. When you realize that it is on a par in quality and workmanship with the larger Haynes models you sense the extreme desirability of the car.

Although we had prepared for a large volume of orders, the demand is already so great that deliveries are apt to be delayed. We urge you to select your Haynes now so that you may have it in good time.

THE HAYNES AUTOMOBILE COMPANY, KOKOMO, INDIANA
EXPORT OFFICE: 1715 BROADWAY, NEW YORK CITY, U. S. A.

A. C. Stevens
Sixteenth and Washington Portland, Oregon