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Automotive Information

Talk of the Road and News of the Day for Motorists and Outdoors folk

The OREGON STATESMAN, Salem, Oregon, Sunday Morning, September 15, 1929

PAGE THIRTEEN

DODGE TRUCK ADDED TO LINE

Three-Quarter Ton Carrier Has Late Features and **Improvements**

Addition of a new 3-4 ton truck to the extensive truck line of Dodge Brothers has been announced by the company. The new truck having a wheelbase of 124 inches, four wheel internal expanding hydraulic brakes, four cylinder engine and improved features in appearance and performance will sell at a new low chassis price of \$675 at the factory, or \$100 below the price of its predecessor.

With the announcement of this truck model, striking improvements in the 3-4 ton rix cylinder truck including longer wheelbases, have also been announced with no advance in the f. o. b. chassis price of \$7.75. The complete Dodge Brothers truck line now includes three capacities of four cylinder trucks, of one-half ton, 3-4 ton and one-ton to the heavy duty three ton types. Range of Trucks

Declared Wide "The present line of Dodge Brothers trucks enables the company t obuild the widest range of four and six cylinder capacities in its history, and the most extensive line offered by any manufacturer in the industry," said Howard E. Sneathen, director of Dodge Brothers truck sales. "Twelve different wheelbases, sixteen chassis types and 42 different body styles are offered, making it possible to exactly fit the requirements of more than 96 per cent of all hauling needs with dependable and economical transportation."

The new 3-4 ton four cylinder truck is available in six body styles, the panel, canopy, screen, express, stake and platform, with body and chassis each designed with a proper relation for the

Truck Develops

4.5 Brake Horseposper Powered with a motor having a bore of 3 5-8 inches and a stroke of 4 1-4 inches, the new four cyl-Inder 3-4 ton truck develops 45 brake horsepower, and has a piston displacement of 175.4 cubic inches. N. A. C. C. rating is 21.93 horsepower, and the compression ratio is 4.6 to 1 . The engine has full force pressure lubrication to all main, connecting rod and camstraft bearings. Accessories include air cleaner, crankcase ventilator and thermostat. The 41 pound crankshaft is balanced statically and dynamically, and is supported by three main bearings with a total area of 43.3 square inches. All bearings are removable, and are bronzed-backed and babbit lined. By unique design, the vacuum gasoline feed system operates from the o ilpump, so when the ail supply is dangerously low, the fuel stops, making it impossible to burn out bearings by inadequate oil supply. The gasoline tank with 15 gallons capacity is located under the cab seat. Cabs Declared

Roomy, Comfortable Roomy and comfortable cabs slender steel corner posts are provided on all models. Leather upholstery over thickly padded cushlons is used. All controls are conveniently arranged. On the illuminated instrument panel are speedometer, oil gauge, ammeter, spark control, carburetor choke and theft lock ignition switch. Light control lever, gasoline throttle and horn button are mounted on top of the steering

wheel. Four wheel fully inclosed hydraulic internal expanding brakes positive control at all The front wheel brakes expand in fourteen inch drums, and the rear wheel brakes operate in fifteen inch drums. The hand brake operates on the propeller shaft. Transmission is the select-Live sliding gear type with three speeds forward and one reverse.

Fine appearance, regarded as a definite business building asset for the truck owner, has been insured by attractive body color combinations with black fenders. Radiator shell, lamp rims and exterior hardware are chromium

Heard Along Auto Row

For the first time in a number of years the Valley Motor com-pany will have an exhibit tent at the State Fair.

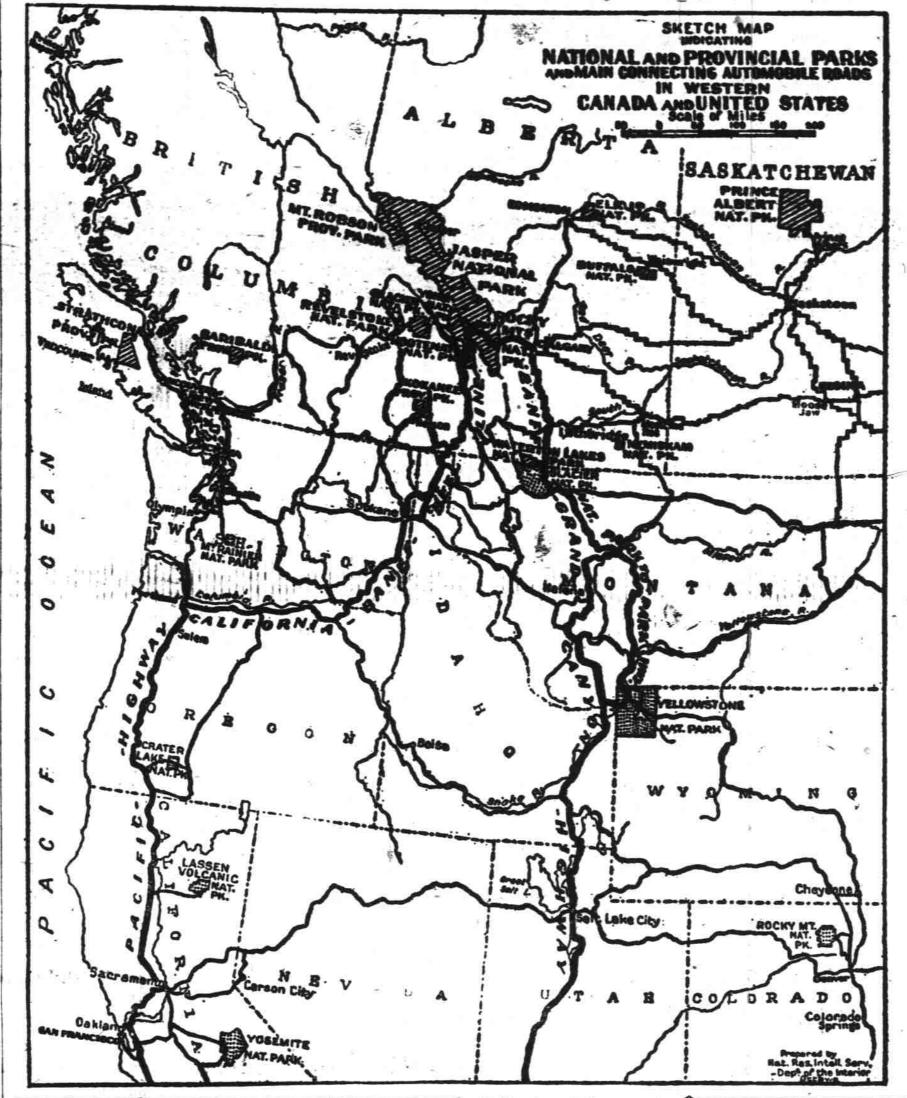
"Donald Edward" are the names which have been given the youngest son of "Bill" Phillips.

Harris Lietz has recovered from a major operation and will be filling his position as shop fore- tomobile production in the United man at the Valley Motor company Monday after an enforced vacation

The floor of Loder Bres. showroom at 445 Center was given a coat of paint during the past week. Business had to be carried on in the service room, on the sidewalk, and on the used car lot.

C. G. Olson, bookkeeper at the Vailey Motor company will start his annual vacation Monday.

Loder Bros. need car lot has re- dustry itself. recently, among them a leviling the last half year is about 22 per off and a grayol surface.



The recent Goodyear Zeppelin race, in which dealers in four classifications in each branch with full vision windshield and territory competed, has been won in the "A" division by Frank Doolittle. Each dealer entered, piloted a Zeppelin on a round the world flight, calling at nine points en route, each stop being the location of a Goodyear factory. In order of stops the Zepps called at the following control points. Starting at the home plants of Goodyear at Akron, the ships winged their way to Los Angeles, thence to Litchfield Arizona, Gadaden, Alabama, Australia, Sumatra, England, Canada, New Bedford Connecticut, and home to Akron. Each winning dealer wins a trip to the Los Angeles factory, where he will be entertained by Goodyar over a three day period,

> Los Angeles in the Goodyear airship Volunteer. Mr. Doolittle has received letters of congratulations from the various other dealers against whom he was pitted in the contest, they taking the stand that a dealer who made nearly 200 per cent of assigned quota in July and August deserved the prize and the sincere congratulations of

taking in doubtlessly, a trip over

Mr. Doolittle expects to leave on the Cascade limited on September 23, with the other three winning dealers from Oregon, and meeting the dealers who wos similar prizes from the other coast branches, in

IN CAR PRODUCTION

WASHINGTON- Contintinuing at a remarkable pace, au-States and Canada in July reached the amazing total of 517,792 cars and trucks, breaking all records for the month and showing only a 10 per cent seasonal decline from June.

The department of commerce day, showing an increase of 17,-000 over the preliminary estimate issued by the National chamber of commerce of 500,000 earlier in the month. Thus it is seen the official figures will surprise the la-

cent, and many estimates of at

least a 20 per cent drop in July the tourist season is in full swing connecting highways. under the level of June were made at the half-year mark,

with 452,624 in the previous many of us. month, and 338,383 in July, 1928. The output of trucks dropped

At this time of the year when and nature is at her best in the great outdoors, the splendid na-tional parks, with which the west-full information regarding the A total of 426,159 passenger ern parts of both the United States Canadian parks may be obtained cars was produced in the United and Canada are so well supplied, from the Department of the In-States during July, as compared have an extra attraction to a great terior at Ottawa, Canada, which

The sketch reproduced herewith indicates the national and provinfrom 91,373, in June, the highest cial parks in western Canada and motor roads between Canada and the United States, with the main the United States.

Those of our readers who are inalso issues free a sectional high-

month of the year, to 73,118. Dry Plowing and Subsoiling

"CATERPILLAR" TRACTOR

NOW IS THE TIME TO SUBSOIL, PUTTING THE SOIL IN PHYSICAL CONDITION FOR STORAGE OF A PLENTIFUL SUPPLY OF MOISTURE AT A SAFE DEPTH. SUBSOILING AIRS THE SOIL, ADMITTING OXYGEN, THUS INCREASING CHEMI-CAL PROCESS, AND THEREBY BENEFITING AC-ID SOIL WHICH IS VITAL FOR SUCCESSFUL



THE MOST STUBBORN GROUND MUST YIELD TO THE "CATERPILLAR"

POWER-AND SURE FOOTED TRACTION WITH-OUT SLIPPAGE over

ROUGH GROUND — SAND — SIDE HILLS

Wet or Dry Means Nothing to a "Caterpillar"

YOU ARE CORDIALLY INVITED

To visit our booth at the Oregon State Fair, Salem, September 23 to 28. A complete line of "CATERPILLAR" TRACTORS, a HOLT COMBINE and other modern farm machinery will be on display for your inspection.

Leggers & Contractors Machinery Company

PORTLAND

Modern farm tools and effective use pay big arrive



COMPRESSION

De Soto Sales Manager Says Principle is Same as **Bursting Bag**

"If you have ever watched perons at different times inflate paper bags and burst them with their resultant powerful explosive effect, you have noticed that the same amount of air blown into a small bag will give a louder and more powerful explosion than if blown into a larger bag. That is the principle upon which high compression automobile engines operate," according to L. G. Peed, general sales manager of the De Soto Motor Corporation.

"The matter of high compression is a significant one to automobile owners," he continues. "High compression increases the ratio of fuel that can be transformed into useful work. It gives greater power and performance from the same amount of fuel and thereby increases the efficiency of the engine. Unusual Volume

Of Power Achieved

"In the development of the De Soto Six engine, Chrysler Motors engineers have succeeded in per-fecting the cylinder head, the shape of the combustion chambers, and the design of the entire engine as regards, valve location, manifolding, crankshaft supports, etc. to the point where they are able to employ an exceedingly high compression ratio with a consequent unusual volume of power.

In explaining the compression ratio, Mr. Peed remarked: automotive engines of present day design, the down stroke of the piston draws a certain volume of gas into the cylinder, the inlet valve compresses the gas. If the gas is compressed into 1-5 of the space which it occupied with the piston at the bottom of its stroke, the compression ratio is said to be 5

is compressed into smaller space. state in the union. This means that when the gas "De Soto Six brakes are of the

day after a week's vacation.

Deer Season Opening Halted; News Notes From Oregon Game Commission

Investigate Fishing on Rogue

hunting season has been postponed by Governor Patterson as

was the case last year. In 1928. due to a long dry season which placed Oregon forests in grave danger of serious fires, Governor Patterson and the federal forest service ordered the opening of the season postponed. This announce. ment came only a few days before the season was due to open an caused some inconvenience to sportsmen. This year sufficient time has been given hunters to alter plans made to hunt on September 15. This has been the driest season Oregon has experienced in many yars. The recent session of the state legislature changed the date of the opening of deer hunting season from September 10 to September 15.

The sinks ON THE MAIN SECTION OF CAUSE OF CAUSE

The work of determining the source of the worms that infect the stomach of Elk lake fish still

Their trip was made on account of numerous complaints made by citivens against alleged illegal fish-

With fast acceleration and deceleration the very heart and core of traffic control, adequate braking systems are perhaps the biggest factors in public and individual safety in automobile transportation today, according to L. G. Peed, general sales manager of the De Soto Motor corporation,

With traffic officers everywhere urging motorists to speed closes, and the piston rises and up in an effort to clear congested traffic arteries and intersections. the matter of adequate braking is a factor over which owners of De a factor over which owners of De Soto Sixes can smile with satisfac- Chrysler Output tion," declared Mr. Peed.

"So important is the construc-"With this condition, when the tion of brakes that in many secgas is fired by the spark plug, tions of the country, state legisburns and expands on the power latures have enacted laws specifystroke, it will expand appriximate- ing the types of brakes that can be ly five times before its power is used on automobiles. In every in-By increasing the compression ra- with the unqualified approval of tio as is done in the De Soto "Red state lawmakers and owners of De Head" engine to approximately 6 Soto Sixes need have no fear of to 1, the same quantity of fuel is molestation or embarrassment injected into the cylinder, but it through conflict with laws in any

burns it expands six times. It is internal expanding, hydraulic, easy to see, therefore, that by ob- four-wheel type built especially taining six times expansion of the for this car by Chrysler enginegas instead of five times, more ers," Mr. Peed stated. "They are power can be obtained from the simple in construction, self-equalsame quantity of fuel injected into izing, and easily adjusted. Outside agencies cannot affect their of that month. Plymouth ship-operation, the brake supports ments were 10,792 cars. operation, the brake supports R. G. Brady, service superin- forming a housing over the drums tendent at the Valley Motor com- so all dirt, water and foreign matpany will be back on the job Mon- ter is kept away from the working parts."

The scheduled opening of deer goes on through the co-operation of the state game commission and the state health department. Gulls that flock to the lake were first thought to have carried the worms but they have been given a clean bill of health.

> Fines of \$100 and \$50 respectively were levied on Arnold Syverson and Raymond Goodwin of Gates, for killing deer out of season, in the Marion county courts last week. State game wardens re-ceived a "tip" that the two men had been hunting illegally and made an investigation which caused the arrest of Syverson and brought out his confession that he and Goodwin had recently killed three deer on the mountains back of Gates.

For the purpose of making an investigation of fishing conditions on the lower Rogue river Harold Clifford, state game warden, and Matt Ryckman, superintendent of hatcheries, spent several days in the Gold Hill district last week. Their trip was made on account of

. ha L. Farley, executive officer of the fish and game commission of California, spent a day last week with officials of the Oregon game department. He was taken to the Bonneville fish hatchery where he inspected the methods of roj agution, Mr. Farley, like many other fish and game officials from various states has high regard for methods employed in Oregon hatcheries.

Makes Big Gain

DETROIT. Sept. 14 .- Chrysler corporation shipments totales 47,274 cars in August, an increase total so far this year to 354,390 cars, compared with \$20,001 shinned in the first eight months of 1928.

The new 66, 70, 77 and imperial models of the original lines made the most pronounced gains. De Soto August shipments were 8.163 cars, increase 3,100 above last August. Shipments of Dodge passenger cars totaled 7,092 in last half of August, the Dodge plants being closed the first two weeks

Dodge truck and motor coach August shipments were 3,694 units and Fargo line of commercial vehicles 730.

Smartest Roadster of low price



FULL-SIZE PLYMOUTH ROADSTER (with results seet), \$675

THE snappy Chrysler-styled Plymouth Roadster is all the vogue today. Among lowpriced roadsters it easily cuts the smartest figure, just as it leads them all with its typical Chrysler performance.

Here is a roadster, man-size, not boy-size-full-size, not toysize. It has length of hood and expanse of rear deck which make a roadster truly graceful.

Engineered by Chrysler, it performs with a dashing swiftness and floating smoothness that are utterly amazing in a car so low in price.

The Plymouth Roadster is a quality car from first to last-in beauty; in riding case; in size and in behavior

DEALERS:

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