W. L. Phillips of Valley Motor Company Gives Some Interesting Facts

"The engine of the new Model A Ford car represents one of the most remarkable engineering accomplishments in the history of automotive development," said W. L. Phillips of the Valley Motor "While not radically new in principle or design, it represents a new combination of engineering principles which has produced the best tested performance features of the older types of automobile engines with the most important fatures of the newer types," he added.

"Without abandoning entirely the principles of the old low-compression, low-speed motors in favor of the extremely high-speed. high-compression type, Ford engineers have developed a medium speed, medium-compression motor that has proved itself much better adapted to the needs of a light car. A wide variety of uses under all sorts of road conditions and in widely varying climates are thus served more satisfactorily than would be possible with a radically high-speed, high-compression mo-

Power Remarkable

motor develops 40 brake horse-today. power at 2200 revolutions per bustion chamber; incapased bearing sizes which retion and there is also improved tours since the opening of the timing.

"The combination of these feaat the higher rate of speed, and the alert to observe changing reg- ing "

Oldsmobiles, which were intro-cities and towns that have not yet lishments in this section. Paul J. duced recently. Orders received fealized he importance of carrying Freely, representative from the from dealers when the first of the the marking of the main highways Oldsmobile branch at San Fran-DeLuxe models were delivered through them. This failure is in cisco, is directing the caravan. equalled the entire production srtong contrast to the splendid schedule for the remainder of the work that has been done and is year, making necessary the pro- being done by the state highway used as stock equipment on all such in the presence of honest-to- derful reception" — this comes

Biddy Bishop, Salem dealer, "con- tion. Some cities carry the route sists of specially designed and numbers and signs through them. finely finished body types on the dawns on them that every time new Oldsmobile chassis. It supplements the standard line of body der in the maze of their streets, models which, with the chassis, they are losing an opportunity to remain unchanged.

"Owing to the large and continuous demand for the standard Oldsmobiles, which has resulted in breaking all previous production and sales records this year, factory officials set up a modest schedule for the DeLuxe models. The flood of orders during the past fortnight, however, has caused them to materiall yrevise their plans to accommodate the Lapanese controlled zone of the demand for the DeLuxe line."

owners of higher priced cars who down the German war machine. have tested Oldsmobile perform- "A country so highly motorized given by the DeLuxe models.

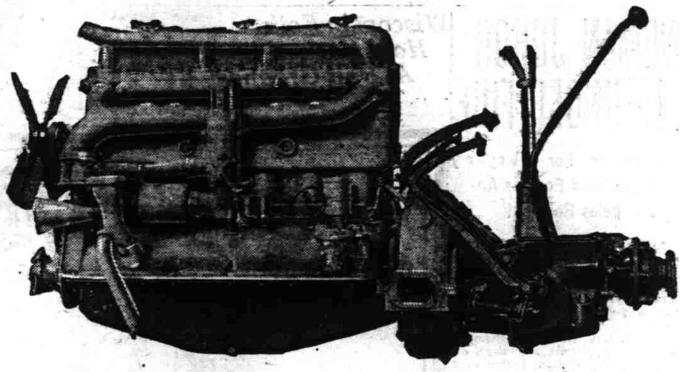
have been unable as yet to supply months at the most. all dealers. In fact the majority of the models so far shipped have tinue as a factor in American probeen sold in the larger cities gress, we must do something to

What Line Includes ture these distinctive and sportive not yield more than 5,000 tons of

ard Oldsmobile chassis, which was imately six pounds of rubber per introduced early this year and capita each year, making an an powered by the high compression nual consumption in excess six cylinder, 55 horsepower Olds- 600,000,00 pounds. Thus it will mobile engine. All equipment is be seen that, even with a maxi-

Better lubrication with fewer greatly inadequate, oil changes has been obtained by "What the British and the leading automobile engineers. Dutch have done in Africa and Where oil changes formerly were the Far East, however, we could advised each 500 miles, now Olds- do in Central America, Mexico and mobile engineers recommend the Philippines, and it is of interchanges not more frequent than each 1,000 miles. The longer life 40,000 farmers and mechanics

Buick's New Power Plant



Here is a side view of the 91 horse-power motor in the Silver Anniversary Buick, showing new fuel pump, carburation and manifold system.

A. A. A. Takes Up Question MODERN AUTO CAMP Of Uniform Traffic Rules

WASHINGTON, D. C., Aug. 25. | The A. A. A. statement took a (Special.) -- Sore spots in the gentle rap at "the well-meaning national motor touring situation in but misguided commercial inter-1928 were stressed in a prelimin- ests" that are opposing belt-lines "Its power, smoothness and ary survey made public by the na- around cities for through motor flexibility are remarkable for its tional headquarters of the Ameri-traffic. size and weight. The Model A can Automobile association here

While pointing out that touring minute. In accounting for this conditions this season were on the performance credit must be given performance credit must be given to the following improvements:

| Marked improvement in the au- round being scrapped, they are care- to the following improvements:
| Marked improvement in the au- round scrapped, they are care- to the following improvements:
| Marked improvement in the au- round scrapped, they are care- to the following improvements:
| Marked improvement in the au- round scrapped, they are care- to the following improvements:
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| Marked improvement in the au- round scrapped, they are care- to the following improvement in the au- round scrapped, they are care- to the following improvements:
| Marked improvement in the au- round scrapped, they are care- to the following improvement in the au- round scrapped, they are care- to the following improvements:
| Marked improvement in the au- round scrapped and put through a round scrapped and pu An induction system which, perflow of air and fuel to the com- gether with failure to mark the bottle-necks of many of our fresh milk and cream, may be burning gasoline or oil. "through routes" for cities and to large cities. One can readily un- bought. combustion chambers encourage belt-lines around thick. derstand the legitimate interest in The effect of the auto camp stronger reciprocating parts and pleasure of the nation's motor fleult to perceive what benefit is marked. tourist caravan.

gives unusually efficient carbure- that have handled millions of of a city. heavy travel season.

Motorists Dissatisfied

"From all sections of the coun-business there, the delays he may camps, he said. tures has produced a motor that try, 'said the A. A. A. statement, encounter by being virtually The same thing is true as rethe self-destruction that hamlet to hamlet in the same cities he will ultimately visit, and their own meals. as a natural result of wear county. The worry, the strain on the more time he will have for One Salem he comes as a natural result of wear county. The worry, the strain on yet it has considerably more ulations, the ste of time and

"Our review of the conditions is a fleet of Oldsmobiles contain- few." encountered by the motor caravan ing seven body types and a cutthis season as regards traffic regu- away chassis. lations, affords another conclusive Oldsmobile since the introduction be this paper does not attempt to complete artistry of the Hupmopiece of evidence of the urgent of the new car early this year has forecast, and neither do the hotel bile. When this conviction is reneed for the immediate adoption been so large that dealers in the and garage men of Salem. They inforced by sight of the refineby the entire country of the uni- western section have been unable admit, however, that it will be in- ments of the new Century- its form motor vehicle ordinance. at any one time. The "show on

Marks In Cities Asked "The second body of dissatisfac- wheels" is making the tour so that Production has been ordered in- tion brought out by our survey the full line can be seen for a reased on the new line of DeLuxe vents itself on the hundreds of short period at all dealer estab-"The new DeLuxe line," says way section under their jurisdic- Dodge Brothers, just announced. hopeless.—Columbus Dispatch.

make a friend.' HELD ESSENTIAL Substantial

(Continued from page 11) south Manchuria railroads. Germany, pressed by wartime neces-Dealers report that the DeLuxe sity, evolved several laboratory body types are meeting the de-substitutes, though in all probamands of a new and growing field bility, the lack of rubber had a of Oldsmobile buyers. These are good deal to do with breaking

ance and wanted a powerful, eas- as America would be seriously inily handled car of this type, yet convenienced, especially in wardesired the distinctive appearance time, by an interruption, even for a short period, of the rubber sup-Because of this instantaneous ply, and there is not enough rubdemand for the DeLuxe models, ber on hand to meet the world defactory officials report that they mand for more than five or six "If the automobile is to con-

where they had been forwarded break this foreign monopoly. Enfor distribution. This condition, couraging reports reach us from however, will be corrected in the one American rubber company near future, as production in- which has extensive holdings in Mexico, and whose output from the guayule plant has run as high The DeLuxe line includes the as 150,000,000 pounds a year.

DeLuxe Landau, DeLuxe Four- "From these figures, it is evi-Door Sedan, DeLuxe Roadster, dent that the guayule is second DeLuxe Sport Coupe and DeLuxe only to hevea in contributing to Phaeton body types. All are the world's r ubber supply, but in equipped for six wire wheels, six making this yield, the history of tires and tubes, the two spare all wild plants utilized in manuwheels being carried in wells in factured products is illustrated. the two front fenders. Special The peak of production was short-upholstery, color combinations ly followed by a decimation of the and fittings, which include spring wild plants, and it is estimated covers, folding trunk rack and that a forest of guayule covering chromium plated head lamps, fea- Mexico and southern Texas could

rubber annually. They are mounted on the stand- "The United States uses approx mum yield of the guayule field the home-made supply would be

of the oil and better lubrication are obtained through the use of oil filter, air cleaner and crankuse ventilation. 10 or 15 years,

(Continued from page 11) Further, if he wishes, he may rent bedding, including sheets, for a small additional sum.

"This opposition to the creation and development of belt-line is couches which can be turned into of transmission, explaining what petitors came out with their new virtually unchanged, DeWaters perpetuating in an aggravated double beds, in addition to the special care each of these parts re- models we would be oversha- pointed out. sands of motor tourists through wearing apparel and food, even to 4. Demonstrate how to put out far in the lead as ever and concited by the engineering chief.

which give higher, more uniform ly populated areas, had materially the enormous business created by upon both the hotel and garage to operate an automobile in the power impulses; lighter but diminished the sum total of the the motor tourists. But it is dif-

The A. A. survey is based on torist, whose destination may be told the Statesman's automobile laws and regulations. Scouts and newly designed hot-spot manifold from 1065 affiliated motor clubs his time by running the gauntlet ness had dropped off 30 per cent cautious in observing the laws of in the past twelve months, due to their states governing minimum "If the tourist has business in the auto camp. Persons who for- ages for persons driving. a city he will 'stop over,' belt-lines merly stored their cars in garages or no beltlines. If he has no on arrival in Salem now use the

gives unusual speed and power "comes the same story. It is a forced to go through it wil only gards the hotels. Many tourists for its size and weight and at the story of millions of motor tourists result in resentment and ill will prefer to put up in the de luxe same time one that is long-wear- who are sick and tired of running and not in increased business for auto camps where they can have ing, economical in fuel consump, the gauntlet of traffic regulations the city. It should be remember, their cars under the same roof, tion and simple to operate and that change not only from state to maintain. Because of its comstate, but also from town to town paratively low speed it does not and even every few minutes from containing the city. It should be remember-their cars under the same roof, ed that the easier and safer travel thus avoiding unloading all their baggage, and where they can cook contains the city. It should be remember-their cars under the same roof, ed that the easier and safer travel thus avoiding unloading all their cars.

when moving parts are operated the driver who must be ever on stop-overs, sight-seeing and sepnd- said: "One reads in your paper they would want to have in their put up nightly in the municipal power, speed, smoothness and energy mars the pleasure of the An "automobile show on wheels" auto camp. Not long ago we got flexibility than the low-speed moern part of the United States, It ers. Now we get comparatively them with the Century and are

to have a complete line on display teresting to watch.

business having fallen off to such an extent that it is unprofitable to have an agent.

Tigard for the Oregon Electric has ther persuasion is required to received orders to close the office,

A pessimist who can remain Four wheel brakes are being departments in marking the high- of the new Graham trucks, by goodness strawberry shortcake is from the New York distributor.

1 rumm Motor Car Co.

Five chassis—sixes and eights—prices ranging from \$860 to

\$2485. Illustrated is Model

614, 4-passenger Coupe, with 4-speed transmission, \$1275.

All prices f. o. b. Detroit

447 CENTER STREET

mobiling Awarded To

Awards Of Honor In Auto-Youths In America

Sincethe establishment in 1911, of the Boy Scout Merit Badge for sales." automobiling, more than 25,000 Harrisburg, Pa., telegraphed: members of the organization have "Reception to 1929 Century break-Last year 5,443 boys passed the number of visitors." requirements and qualified for the Atlanta, Ga., sent the following: son, Buick dealer in Salem. insignia. For 1927 the number will "After everything has been said How well this problem was solv

Automobiling a Scout must meet he following requirements: 1. Demonstrate ability to start

ons should be taken. matic tires.

ent to that required for a license perienced."

What the ultimate development advances scored by the industry The demand for of the auto camp in Oregon may no other 1929 car approaches the O. J. Butler, station agent at its sparkling performance-no furof Hupmobile.'

Characteristic expressions culled from the messages being received at the Hupmobile offices include such as these:

Progress

Six months' sales exceeded any twelve

months in eighteen years. The

Graham-Paige four speed transmission

(standard gear shift—two high speeds)

contributed to this substantial pro-

TELEPHONE 959

gress. A car is at your disposal.

There is no doubt that the mediately." Scout Merit Badge for Automobilsystem seeks to arouse and estab-fully 75 per cent of them were has undergone commensurate enlish interest of boys in various prospects. "Reception best ever largement. pursuits and to point the way to given any Hupmobile cars in Cohe selection of a vocation. To obtain a Merit Badge

struction and the functions of procession. clutch, (two types), carburetor, Many of these cottages have ferential and two different types duced but expected when our comvalves, magneto, spark plug, dif-Century Six and Eight were intro-

derived from compelling the mo- One garage proprietor of Salem of observation of State automobile consuming so much of the peoconsequently smoother operation; reports to national headquarters hundreds of miles away, to waste editor that his night storage busi-

(Continued from page 11) Salem hotel proprietor ufacturers might develop features New Models Ont

"Now all the new models are convinced that, with all the great tailored-metal appearance, its enhanced riding and driving ease and bring a definite decision in favor

"New cars meeting with won-"Dealers report many sales after

comparison with recently announced makes of other producers. No thing but warmest praise for 1929 Century from both prospects and dealers. Must have more cars at once to take care of demand."

Tampa, Florida sent this wire: We are more than gratified with the ever increasing interest being shown in Cetnury line. On all sides hear remarks people didn't think it possible for Hupp to make improvement in appearance but surely has accomplished it. For this territory and nationally we predict big increase in coming year's

lumbus," he said.

Reception Good

3. Explain the principles of con. we are absolutely in front of the "The realized this when the new

firms it by placing the largest 5. Pass an examination equival- volume of orders we have ever ex- sively Buick's is responsible for

The way to reduce flesh is to Emphasis is always placed by stop consuming so much foods: the trols the flow of heat from the the Boy Scouts on the importance way to reduce taxes is to stop exhaust manifold toward the car- 12 different body types, following

Fuel Consumption Is Claimed For Car

Increase in horsepower without engine loads such as prolonged high speed or steep grades someconsequent increase in fuel contimes impose, sumption-

That was the .problem Buick won the right to wear the insig- ing all records for Harrisburg with Metor company engineers faced in wheel. The first year, 1912, 16 first two days. Orders for deliversary Buick; which has proved a Boy Scouts met the requirements, eries in supprisingly larger than the requirements. Boy Scouts met the requirements, eries in surprisingly large ratio to sensation since its initial presentation, according to Otto J. Wil-

be even greater. To the end of and done consensus of opinion here ed already has been demonstrated 1927 22,631 boys in all had quali- is we are sitting on top of the to the thousands who purchased world. Ship out all our orders im- the luxurious new cars in the first few days after their announce-At Columbus, Ohio, 92 people ment. For Buick's six-cylinder ing has done much to stimulate were in the local Hupmobile show valve-in-head engine is almost the packer the slightest advantage an interest in motors and motor rooms when the distributor sent one-fifth more powerful than over the modern automobile manucars among boys. The Merit Badge his telegram and he declared that heretofore and the entire chassis facturer.

new muffler, in which back pres-

Marked improvement in the au-

"This device, which is excluthe quick start in the coldest 100 percent of the grinding oil. weather," DeWaters declared. "The butterfly valve which con-

and its shaft is of a larger diameter to prevent bending at extreme heat under the pull of its spring "To insure adequate fuel supply at the higher speeds for which the new engine is designed, two high speed jets are built into the carburetor instead of one. The vacuum tank has been eliminated, Added Power On Same Low and the mechanical fuel pump. with which Buick has been experimenting successfully for many menths, has been substituted. This

feature completely does away for-

ever with fuel failure under heavy

There used to be a saying that the packing industry utilized every part of an animal but the

Visitors going through the plants of the Oakland Motor Car This power increase, according company, at Pontiac, Mich., have to E. A. DeWaters, chief engi-noticed small piles af machine neer, has been accomplished turnings, or shavings, accumulat-"The reaction to the 1929 Hup-through an 11 per cent increase ing every few minutes under vamobile Century has been most sat- in the piston displacement of the rious machines used in the buildmotor, explaining what precau-isfactory." says a letter from the larger engine and an increase of ing of Oakland and Pontiac Sixes, Hupmobile distributor in Minne- 12 per cent in the smaller. But Several men go from place to place 2. Take aff and put on pneu-apolis. "It is very evident that the changes in the carburetor and carefully shoveling these turnings public now makes the admission manifold system, re-designing of into steel containers. Not one visthe camshaft and provision of a itor in fifty thinks to ask what becomes of them, pre-supposing sure is reduced to a minimum, that eventually they reach the

The fact is those shavings represent potential automobiles. Far rom being scrapped, they are careand then placed in wire mesh baskets in a centifugal motion machine which extracts practically This is filtered and used again.

Oldsmobile now is presented in

"Western Auto's" Semi-Annual **New Customer**

This great sale offers a new peak of tire savings to motorists who have not yet learned the many advantages of economy and satisfaction offered by "The World's Largest Retailers of Auto Supplies" . . . ! Sale Ends Saturday, September 8th.

Our thousands and thousands of old friends, too, will welcome this moneysaving event . . . during which, for two weeks, long-lasting, trouble - free Western Giant and Wear-well tires will be offered at lower prices than ever And when you look over our low New Customer Tire Sale prices, remember

that these are the same Western Giant and Wear-well tires of which we sold over half a million last year . . . and that every tire is backed by our Iron-Clad GUARANTEE of satisfaction, SERVICE at all our more than 150 conveniently located stores, and by our CUSTOMER IS ALWAYS RIGHT Policy . . . AND THAT . .

Even Greater



Sale Prices.).. at any "Western Auto" store..! Deduct Trade-In Allowance from These Low Sale Prices Wear-well Cord Wear-well Balloon

29x4.40 Balloon ...\$ 5.97 30x4.50 Balloon ... 6.89 30x5.00 Balloon ... 8.79 fit 29x4.95 31x5.00 Balloon ... 9.08 30x5.77 Balloon ... 11.36 33x6.00 Balloon ... 12.97

Now...still greater savings on these full standard weight tires, with thick, tough road-gripping treads.. AND. Mounted FREE ...fully guaranteed...and our trade-in allowance on your old tires makes these low prices even lower...! Our Low Sale Price Size Our Low Sale Price 30x3 Cl. Rg. Size \$ 5.18 alloon . . . 6.89 30x3 ½ Cl. Rg. Size . 5.37 alloon . . 6.89 30x3 ½ Cl. O. S . . . 5.66

Mounted

TUBES ALSO REDUCED

Western Giant Balloon

30x31/2 Cl.\$4.20

WESTERN AUTO" SERVICE

Western Giant Cord Ask for Sale prices on sizes not listed More than 150 Stores in the West-

Salem Store