



AUTOMOBILE NEWS



NEW HUDSON IS A STEP FORWARD

General Appearance of Cars and Motor Both Greatly Improved

The story of the new Hudson Super-Six, which is announced and displayed by E. L. Ladd, Hudson-Motors dealer, distributor, is essentially a story of a striking innovation in motor design.

General appearance of the cars is improved with important advances both in interior and exterior. But while the new bodies are more attractive, the most striking step ahead is the new motor, for which the Hudson organization puts forth sweeping and positive claims. The most interesting are:

1. The motor employs unusually high compression with its aerodynamic power and efficiency, yet avoids spark knock, roughness and other qualities heretofore thought unavoidable with such a motor.

2. No special or doped fuels are necessary or even desirable; the

design of the motor cares for this problem.

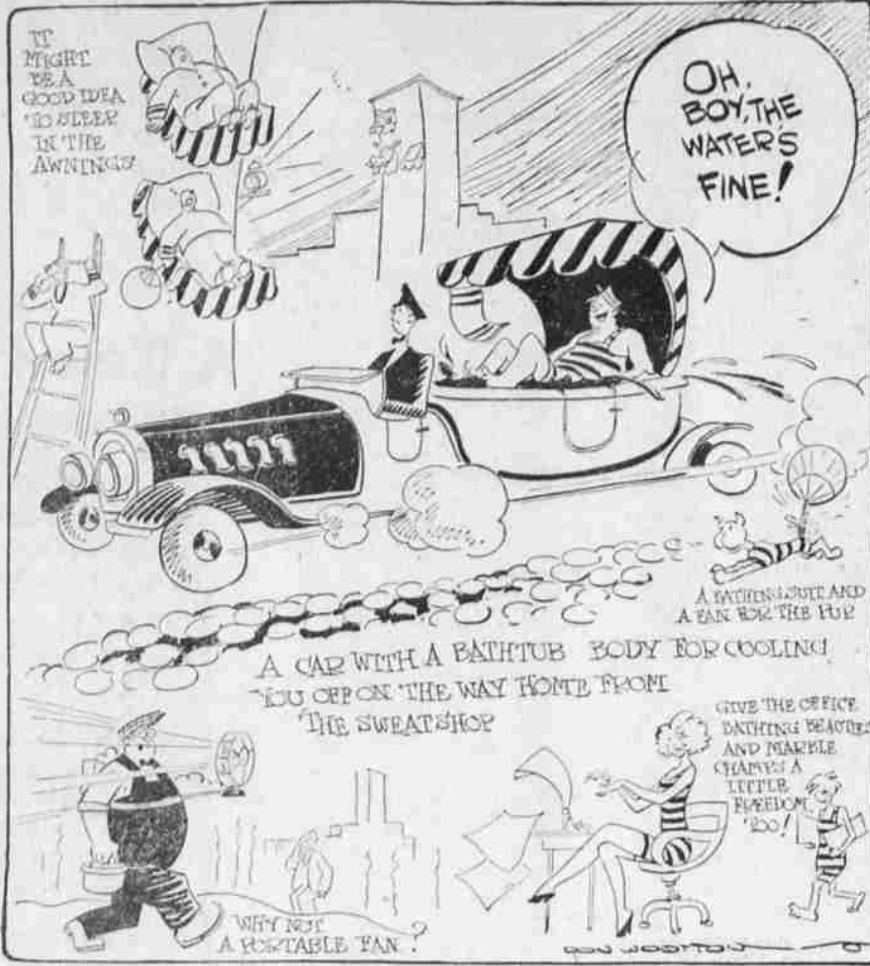
3. Fuel-energy, formerly wasted is turned into power. Greater power is developed at all speeds—and particularly at high speeds.

4. A degree of smoothness and flexibility is gained which may be compared with that of a steam engine.

So important does the Hudson Motor Co. regard these improved results that it has applied for basic patents on the design and the principles involved. They are presented to the public as a companion-invention to the Super-Six principle of motor balance which has been a feature of Hudson construction for more than 19 years.

Hudson engineers explain that the most interesting feature of the new motor is the manner in which fuel is fed to the cylinders—and there, fired. In this new design of 4-head type—the intake valve is located in the combustion chamber so that it overlaps in part the exhaust valve, which is placed below it. This coming in from above the fuel enters the combustion chamber freely through a large-sized valve. If there is any heavy wet mixture in the fuel, it drops directly on the exhaust valve below, and is immediately vaporized. It then passes into the cylinders in

WARM WEATHER HINTS



an ideal condition for firing. At the same time the dropping of this mixture on the exhaust valve helps keep that unit at a more moderate temperature, adding to its life.

Prolonged tests of this motor have proved, it is said, that this feature of design prevents the difficulty of raw gasoline entering the cylinders. The exhaust valve is a highly effective "hot-spot" built within the motor itself.

In the actual firing of the fuel, which has now reached the cylinders, even more important advances have been perfected. Fuel compression has been raised to an exceptionally high figure—recommended in all motors as requisite to high efficiency. But the problem has been to avoid fuel "knock."

New Smartness Added to Olds Latest Models

New smartness, dash and beauty have been added to Oldsmobile by refinements in body design and line and the introduction of new color combinations. These latest Oldsmobiles are now on display. Despite these improvements and refinements, the new lower prices recently announced continue in effect.

The influence of engineering artistry is strikingly displayed in these latest achievements of Oldsmobile. M. J. Goss, the local dealer, declares: "They reflect the trend which is making the automobile already a mechanical marvel, an outstanding example of beautiful design decoration and color harmony."

The same basic Oldsmobile lines that have proven so popular have been retained by the designers, but by skillful refinements in curve and line additional beauty and smartness have been made strikingly apparent.

All body types are equipped with front and rear bumpers, automatic windshield wiper, rear view mirror, gasoline gauge on the instrument board, twin beam headlights with control on steering wheel and an improved locking device. Motors are standard equipment on sport and deluxe body types, and trucks are included with the landau sedan and sport touring.

Association Logs Loop Drive Over State of Oregon

The Oregon State Motor association has just completed a loop at the Columbia River highway. The Dallas-California highway, McKenzie highway and Pacific highway and has in process of completion a map of a loop trip comprising what is probably the most

The Hudson design's accomplishment thus by the shape of the combustion chamber and the location of the spark plug.

Cars have been thoroughly tested locally and found to perform better than any previous Hudson. The local Hudson-Essex organization is naturally highly enthusiastic.

scenic loop trip possible within the state of Oregon. A trip around on this loop offers to the motorist practically every variety of scenery that Oregon has to offer. The loop leads from Portland to Tillamook, The Dalles to Bend, Bend to Eugene, Eugene to Portland, and will carry the motorist up the world-famous Columbia gorge with its cliffs and waterfalls, down the Dalles-California highway through the wheat lands and high desert country and permitting views of the Crooked and Deschutes river canyons to Bend through the dry forests of the eastern side of the Cascade range to the summit of McKenzie pass where the road traverses a very extensive lava field and then down the picturesque McKenzie river and through the fir forests to Eugene. The loop is completed by driving from Eugene to Portland, through the Willamette valley, one of the greatest store houses in the world.



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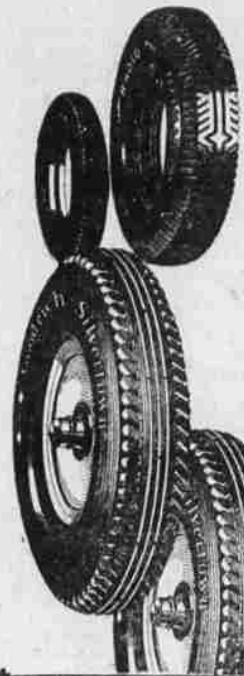
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