

Chevrolet Is Given Weather House Test; Equipment Is New

General Motors Proving Ground, the 1245 acre outdoor laboratory near Milford, Mich., where cars are accurately measured to find out their performance ability, has in response to a demand for greater accuracy, added a weather house to its many ingenious scientific checking devices.

Adapted, like so many of its companion devices at the Proving Ground, to the sole task of evaluating precisely and impartially all makes of automobiles, the weather house is, perhaps, the only one of its kind in the world. It is unique, in that it includes in its complete equipment, probably the only wind velocity indicator in operation outside of the U. S. Navy.

It has been in use for several weeks, and is now operating day and night

under the direction of skilled meteorologists.

Here is a hypothetical instance of the manner in which the weather house assists the engineer in the precise task of measuring the automomile's merit:

The Chevrolet engineering division, in checking back on the performance of one of its models, might find that on May 9 its gasoline production exceeded slightly that of the preceding days. It might be found, too, that a little more water was required for the radiator and that fluctuations were noted in the speed. The Chevrolet engineers will set out to find the cause of these variations. They call upon the weather recorder.

In checking back with the graphic weather records, the engineers might find that the wind velocity varied on May 9 between six and ten miles an hour. On May 8 and May 10 it remained below five miles an hour throughout the day. Thus the engin-

Hostnick in New Mexico; Fine Trip in a Cadillac

Andy Hostnick, north shore Cadillac salesman for many years, and Mrs. Hostnick are vacationing in the far west, according to word received from Albuquerque, N. M., yesterday. Incidentally Mr. Hostnick puts in a little boost for his favor car, for he says: "Made the trip here fine in an old Cadillac. We're having a great time in Old Mexico."

ers know in making their comparisons that the wind was a factor in the change and to what extent. In like manner they are able to tell exactly what effect the sunshine, rain, humidity or snow had to do with performance fluctuations on any given hour of any given day. This definite knowledge is a vital help in developing new models and in adjusting old ones.

New Cadillac Car Big Achievement; LaSalle Is Large

The 29 Cadillac is here and with it the new La Salle. They arrived yesterday and in the salesrooms of the Cadillac Motor Car company on Ridge avenue, Evanston, there appeared two of the latest models which it is claimed are the supreme achievement in motive car building.

To the Cadillac of the past there has been added increased provision for safety, and at the same time a more powerful car has been built. The new car is a 90 degree, V-type with 8 cylinder engine, and a silent driver. It has the Cadillac-LaSalle Duplex Mechanical system of four wheel brakes.

There are two significant changes in outer appearance. The parking lights have been removed from the cowl and mounted far forward on the fenders. All exterior bright parts, radiator case, bumpers, lamps, door handles, and cowl band are chromium plated nickel.

Other features of the newest models are the new Syncro-Mesh, silent shift transmission; security plate glass, which removes the hazard of flying glass fragments; adjustable front seats; pneumatic control in chassis and body engineering, assuring maximum silence.

The new LaSalle closed car bodies are larger and more comfortable, due to a lengthened wheelbase.

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- 2 Duplex four-wheel brakes operate with only a light touch on the pedal.
- 3 Steering gear handles car with minimum effort.
- 4 Adjustable front seat places brake and clutch within easy reach of any driver.
- 5 An even more powerful and smoother-running Cadillac-built, 90-degree, V-type Eight.
- 6 Pneumatic Control principle applied to Fisher bodies assures quietness.
- 7 Security Plate glass for safety.
- 8 Chromium plated exterior nickel parts provide permanent sheen.

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