

SPEEDOMETER ON BACK OF CARS

Device Shows Cops Actual Speed of Cars—No Alibi for the Speeders.

The New York World tells of an invention which ought to be an aid to motor cops on "speeder" duty, as well as to those automobilists who desire to keep within the law.

Touching upon the new invention, the World says: "Speed indicators to be attached to the rear of motor cars are attracting the attention of many inventors, and it seems as if some states were likely in the near future to enact laws that will compel automobilists to equip their cars with such devices, the idea of course, being that any one may see at a glance the exact speed at which a car is traveling.

One of the most recent of these inventions makes the indicator tell its story by night as well as by day. The device that makes this possible is the simple one of dividing the dial into three zones, differently colored—a white zone for low speed, a green zone extending to the local speed limit and a red zone above the lawful limit. A bright light is reflected from above upon whichever of these zones the pointer occupies. The license plate and the speed indicator dial plate are mounted one above the other at the large end of a pyramidal shaped casing. The base of this pyramid faces rearward, and consists of the plate showing the license number and the plate on which the dial numbers and speed indicating pointer are displayed. At the apex of the pyramidal casing is the lamp which makes the device as effective at night as in the day.

The speed indicating hand is operated by governor mechanism which is kept rotating by a flexible shaft driven by a gear on one of the rear wheels. When the car is at rest the pointer stands at zero. When the car begins to move the governor balls are thrown outward by centrifugal force, and as the circle of their rotation enlarges the arm to which they are attached is drawn in. This moves a series of cranks which carry the pointer and makes it turn along scales which are divided into colors according to the speed laws of different states.

THE SPEEDER IN COURT



UNIFORM SIGNALS AGAIN URGED: SIMPLE SYSTEM IS ADVOCATED

Lee Anderson Wants Detroit to Adopt Signals Which Are Very Similar to Those in Use Here; All Cars Should Draw in to Right Hand Curb Before the Turn to the Right; No Overhead Signals.

DETROIT, Mich., Nov. 27.—A uniform set of signals for the automobile driver is urged in a letter to the board of commerce from Lee Anderson, general sales and advertising manager of the Hipp Motor Car company, by name.

"I have recently read with a great deal of interest a discussion among some of your members regarding methods of signaling for automobile drivers. Among the suggestions made, I have seen one for a new set of signals. "Now, automobile signals for use in traffic have for some time been almost a hobby with me. It is a subject to which I have given quite a little attention, and in writing this, I am wondering why anyone strives to find a new set of signals when there is already in existence a set of signals which is excellent in every respect and which, in some particulars, is specifically required in certain cities.

"Just three signals are needed to indicate to the drivers following one exactly what one intends to do. If a campaign could be made which would effectively establish signals in universal practice, not only would there be less confusion of traffic and fewer accidents, but there would be materially more pleasure in driving. I do not question but that all of the various sets of signals are quite efficient, but the one trouble is that one driver does not know what another means by the signal given.

"Make Signals Uniform. "I have driven through crowded traffic many times behind drivers who signaled conscientiously, and in one or two instances I have narrowly missed a rather serious accident because the signals as I understood them, did not mean the same thing to the driver who gave them.

"Why not concentrate, then, on making the already well established signals uniform? There are a large number of efficient mechanical signals in the market. These are self-explanatory to the driver behind the car on which they are used, but they do not require any great familiarity to comprehend the meaning of the word 'Stop' or 'Turn left.' The better mechanical signaling devices show these words very distinctly. It is on the hand signaling that so much confusion results.

"Let us apply the following set of signals in the case of a car with left hand drive. The driver sits at the left of the car and keeps well to the right hand side of the street. If he desires to turn to the left or cross the stream of traffic, he should first drive his car as near as possible to the center of the street and when he comes to the point of turning, extend the left hand from the side of the car with the index finger pointing in the direction he is going to turn. This is an extremely simple signal. First of all, the fact that

any kind, it should be borne in mind that no driver should ever signal above his head. Common practice has taught drivers to look for signals at the side of the car. Even when the top is down, the most experienced drivers very frequently miss signals if given above the head. When the top is up a signal above the head cannot be seen by the driver behind, and he, therefore, values it as it is well for every driver to position himself to signaling always from the side of the car—using the left hand for a left hand drive car, and the right hand for a right hand drive car.

"In the last few seasons, completely uniform cars have become extremely popular. If the driving environment is entirely unobscured, it is obvious that the driver cannot extend his hand for signaling. In such a case, I would strongly advise the use of any automatic signaling device. But it must be borne in mind that signaling oncoming drivers is of the utmost importance.

"I would also like to urge upon drivers who travel a great deal in the country that they remember to signal clearly that they are turning. Signaling requires an effort and if followed continuously becomes such a matter of habit that the driver never thinks of it. However many times a failure to signal on a country road has the cause of accidents. This is a fact that, while cars move increasingly and where traffic is less as it is in most country roads, nearly everyone travels at a considerably higher rate of speed, and it is, therefore, all the more important that the driver of a car signal, to be sure that any machine running behind him at a high rate of speed shall have ample warning of what he intends to do.

"A comprehensive investigation will prove that the signals described above

are known and recognized by more automobile drivers than any other signal made in use. Would it not be well, therefore, to begin a consistent campaign to secure the adoption of the simplest and best known signals, rather than to advocate the use of signals so little understood, more complicated and decidedly less familiar to the great majority of drivers?"

Get results—Use Herald Want Ads.

Show Week Notes

"We are out to win the first prize for the best decorated car driven by a woman," says David S. Rutledge, of the Southern Motor company. "Watch our Hayden roadster in the parade. It will be classy."

"Our advice for decorations goes as a line on what is being done for show week," says C. L. McDonald, "and I can promise you that everybody in El Paso will know Monday that El Paso Automobile Week is on."

"Not telling anything about the Mitchell display in the parade but just watch us" in the parade given by Billy Adolph of the El Paso Auto Sales company.

A striped Red chassis is to be one of the displays of the Nauman Motor Sales company next week. C. B. Nauman also has some other stunts for the big week.

The Hudson car will be introduced by the Nauman Motor Sales company this afternoon.

Three policemen will award the Maxwell trophies during the big parade on Friday evening. The trophies are valued at \$10,000.

"Our show has already started," says P. M. Bennett, of the El Paso Overland company. "We've had a continuous succession of visitors since the new Overland arrived on Thursday. They hardly save us time to eat turkey."

The El Paso speedometer service station is planning a novel display to be made in the parade.

Wanted—A couple who will consent to be married by Walter J. Murphy on the Rogers track during the parade Friday night; reward, \$50 worth of furniture and other awards; justice Murphy will do it all except the proposing; lawful beaus are advised to use the mail if tongue tied.

One of the features promised for the parade is an active session of the automobile speed court, with "conscientious" on the bench. If "conscientious" declines, a suitable substitute will be found.

ANOTHER BUSINESS COMES TO EL PASO

With thousands of automobiles in and around El Paso, it is but natural that manufacturers of portable fireproof garages should seek trade in this territory and the coming of the Edwards "Steelco" garage is quite in the usual order of things.

Arthur W. King has been appointed sales representative of the Edwards Manufacturing company in this city and is already getting considerable business here.

Mitchell THE SIX of '16 5-Passenger—\$1350. El Paso ON DISPLAY IN OUR SALES ROOM EL PASO AUTO SALES COMPANY Phone 6666. 114-18 N. Kansas St.

United States Tires Are mightier than the road and every one a good one. DISTRIBUTED IN EL PASO BY Quick Tire Service, Inc. "Open Every Hour in the Year." 320 Texas Street Phone 700 Free Road Service to El Paso Motorists Anywhere, Any Time.

To Those Interested in the Automobile Permit us to refer to our record as given in another column of this issue. When the fact is developed that we have delivered 674 Ford cars since August 1st, does it not impress you as a strong, everyday endorsement that we are "delivering the goods?" With the near approach of the time when we can occupy our handsome new home, we wish to still further impress you with the statement that we are putting in stock the largest and most complete line of general accessories to be carried in the Southwest. Tri-State Motor Co. Distributors. Ford Parts. Firestone Tires.

Some Oils Are Worthless If an oil proves to be unfit for the purpose it purports to serve, you have probably found it out by the injury it has done your machinery, which might have been so great as to cause your engine to fail you at a critical moment, when you need its service most. You Take No Chance Whatever When you use any of our products, as we handle only the best oil available and guarantee whatever particular kind we sell you to give entire satisfaction, so that you are then protected fully. You can secure our line of oils either from your dealer or at our branch Tire and Oil Distributing Station, at 319 Texas Street. RIO GRANDE OIL COMPANY Main Plant, South Kansas and E. Seventh St.