

# Ray McNamara's More Miles Per Car

## IMPORTANCE OF WATCHING GAUGES AND INDICATORS

By RAY McNAMARA

Who has motored farther than any man in the world? I am wondering how many car owners know when the gauges and indicators on the dash are functioning properly. The mere fact that the indicators move and show some action when the motor is running does not always mean that all is well.

You may have driven a certain make of car for a season and formed a half way acquaintance with just what the gauges do and mean. Now, when you switch this car for another make, or even a new model of same make, with similar gauges and indicators on the dash it does not follow that these instruments should operate same as your old ones.

In connection with oil gauges, there are many little things that can happen to reduce pressures. Your instruction book might recommend a reading of five or eight pounds pressure at low speed, and 30 to 40 pounds at high speed. Suppose your gauges show the correct reading at low speed but when the motor speeds up the pressure remains the same as at low speed. In certain motors there would be danger of bearings burning out.

In another case, your instruction book may call for four pounds pressure at slow speed. If your pressure runs high in this condition may cause excessive smoking of exhaust and overloading piston and valves. Therefore, you can readily see that the mere fact that gauge is working does not mean that all is well.

On most motors a wide limit is allowed on oil pressures, that is, several motors of a certain make may function properly with high pressure at both low and high speed or perhaps a range of five pounds at low speed to 30 or 40 at high speed is satisfactory. In a few cases where splash systems are employed a pressure of five pounds takes care of all speed and on some makes of cars only a slight feed indicator is used merely to show that oil is circulating. In any event, you should know just how your indicators are supposed to register at high and low

speeds. The greatest danger to bearings usually follows low pressures at high speed, if your oil pressure is supposed to read 40 to 60 pounds at high speed do not drive at high speeds until you can have regulator adjusted properly.

Another very important indicator on the dash is ammeter. This should be studied closely in your new car, because, as a result of generator brushes wearing in to full seat, the charging rate usually builds up to a high rate in the first several hundred miles.

A lot of damage can result to generator from high charging. The high rate of output runs temperature of armature, commutator and generator up to a point where there is danger of soldered terminals melting.

The usual practice to compensate for overcharging is to run with lights on in the day time. This protects the battery, but remember your generator is still charging at the high rate. The best procedure in a case of this kind is to call on the electrical service station representing the make of instrument in your car for advice.

For Owners Scrapbook.  
Last week—Oil Leakages.  
Next week—Cautions in replacing worn or lost parts.  
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## Rockefeller Foundation Will Help Bulgaria

SOFIA, Bulgaria, Sept. 12.—(By Mail).—The Rockefeller Foundation is about to embark on a campaign to develop sanitation and preventive medicine in Bulgaria. The first step has been the selection of two Bulgarian physicians for a year of study and hospital practice in America; other selections will be made later.

Miss Elizabeth Crowell, of the foundation, has outlined a project for the establishment of a nurses' training school here which is to be submitted in New York.

Dr. Edwin R. Embree, general secretary of the foundation, has inspected the hospitals of Sofia, and conferred with the minister of health and a number of local physicians.

## MYER TALKS ON TRAINING

Fifty Opportunities Open Now to One in Days of James J. Hill

"The new day has arrived and it is absolutely essential that the young men have special training in order to meet competition of the new era of prosperity," declared A. H. Myer, New York city, director of the department of commerce in the United YMCA schools. Mr. Myer spoke at the Chamber of Commerce upon the subject, "The New Day in Commerce."

Briefly he sketched the historical heritage of the business man from the time when the home was the center, on down through the days of the little red schoolhouse and the three R's, bringing his audience to the days of craftsmanship, followed by the industrial revolution and the introduction of machinery, when the skill of the individual was transferred to the handling of machines with a loss of craftsmanship.

### Many Opportunities Open

"During the pre-war days the needs of the individual were numerous and complex," Mr. Myer said. "These needs made necessary the actual scientific study of business. After the war leading economists felt that because the nation advanced rapidly it was headed toward economic destruction. There are 50 opportunities open to the young man of today in comparison with one of the days of James J. Hill, Charles Schwab and other noted men. The small organization of the present will be a large corporation 10 years hence."

"That the YMCA schools had an enrollment last year of 150,000 in the various vocational courses, was stressed by the speaker, who said that the economic situation had been met and that the nation was riding on an even keel today and in a comparative good condition.

### Special Courses Offered

Special vocational training courses are being offered through the YMCA all over the country and are on a standard basis. The courses are prepared by a commission appointed by the national board of directors and by successful men who are leaders in their particular vocations. Of the 400 schools now in operation in as many different cities of the country, 107 are on standard bases, with 26 of these standard colleges. "Vision and purpose are essential to every man who is training

## FIRST PHOTO OF ACTUAL EARTHQUAKE VICTIMS IN JAPAN.



One of the series of most remarkable photographs yet received from Japan, showing thousands and thousands of bodies in the Ryogoku district of Tokio, where 32,600 met death when trapped by flames. The figures are official.

himself, because his vision will point the way and his purpose will strengthen his courage," Mr. Myer said in closing. "Special training is necessary to direct the energies so that if a man is willing to make an investment in himself, his purpose can be visualized and his success insured."

### Courses Given Here

Courses to be offered this winter by the Salem YMCA in connection with the united school system will be foremanship, salesmanship, public speaking, traffic management, advertising, business letters and reports, life insurance, underwriting and real estate salesmanship. Instructors in these courses will be Salem and Portland men who will be named later by the committee in charge.

Mr. Myer is on a transcontinental tour, appearing before groups of business men and students in the interests of the united YMCA schools. With him last night was L. G. Nichols, Portland, president of the Oregon Institute of Technology. Dan Burns, chairman of the education committee, presided. Nearly 20 of Salem's business men met with Mr. Myer for luncheon at the YMCA rooms Friday noon. At this time Mr. Myer outlined the courses to be offered in the city this winter. L. G. Nichols gave some practical explanations of the courses offered by the YMCA school in Portland, and said that the school was planning on constructing a \$300,000 building for its activities. The luncheon was presided over by Dan Burns.

## RAIDING BRUIN COMES TO GRIEF

SOFIA, Sept. 10.—(Associated Press)—The carcass of the largest bear killed within the memory of present inhabitants of Bulgaria was brought triumphantly into Vatissha, almost within sound of the cathedral bells of Sofia, by a party of peasants recently.

For more than three weeks the animal had raided flocks and spread terror throughout the countryside. No obstacle seemed to trouble the bear, which had broken down fences, and climbed high walls in its raids, during which it carried off 57 sheep, cattle and goats and defied the herdsmen. Reinforced by a party of soldiers the villagers set out in pursuit of the beast, which was not overcome, however, before it had badly mauled two of the hunters.

"Sis, what does 'chaperon' mean?"  
"It isn't used any more, dear-est."—Judge.



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## HOLDING A HUSBAND REVELATIONS OF A WIFE

### CHAPTER 427

WHAT MRS. TIGER SUGGESTED TO FIND JUNIOR

Where was Dicky? The question which Jim had voiced beat insistently upon my brain while I dashed down the road toward the Tiger farm.

I knew one answer to it well enough. That he was somewhere with Edith Fairfax. I was certain, but the danger to Junior had wiped out all conscious jealousy and resentment of that fact. Subconsciously it was, no doubt, with me as with my knowledge of driving a car. But as far as my own realization of the girl was concerned she had ceased to exist. Sometime I would remember her, just as I would recall how I managed to drive my car automatically along the road.

But on that mad dash it was as if I were being projected through space without volition of my own, and all remembrance of my husband's defections was swallowed up in my desperate need of him. The veneer of civilization was stripped from me, and I was back in a primitive age. With my baby in danger and my man away I must reach him somehow.

Mrs. Tiger was in the yard as I turned into the roadway. She must have seen something was amiss, for even before I brought the car to a stop I heard her send forth her familiar slogan, "Here, you, Tiger! Jerry!" Then she came to the car door with that appearance of leasurly slowness which she manages to give, yet she was at my side as I alighted, and gasped:

"Have you seen Junior?" She put her hand upon my shoulder as she answered, and I reflected afterward that she must have seen in my face something which made her fear I would swoon.

"No, Mrs. Graham," she said. He hasn't been here all day. But he's somewhere around, you may be sure. Jerry ran away every day when he was Junior's age. We'll all come over right away and help hunt him. How long has he been gone?"

If anything could have lightened my terrible fear it was her tone and words. But there was fast settling upon me the psychic conviction that this was no ordinary running away of a child, that

something sinister menaced my little lad.

### Swift Response

"About twenty minutes," I returned, quickly relating the story of my unsuccessful search for him with Grace Draper, and my fear that he had strayed into the woodland swamp. Sam Tiger and Jerry sauntered up as I finished, and a word from Mrs. Tiger galvanized them into action.

"We kin jump right in and go back with you," Sam said, but his wife interrupted him.

"That won't do," she said. "If he's in that swampy woodland he's getting farther and farther into it every minute. They've already searched the part of their farm that borders on it. Now, you and me, Sam, we'll just run up to this end of it, it comes up to our wood lot, and Jerry, you get in with Mr. Graham and show her how to get around to that wood road to Hill's and Brown's. Their farms have the same swamp, only the other side of it. Get their men out to beat the swamp out from that side. Jerry, get every man to come that way see."

"Of course we'll find him, but that swamp is a mean place for a little fellow, and there's no need of his getting frightened. You're sure he must have gone that way. Mis' Graham? Could he possibly have gone out to the road?"

"I'm sure not," I said. "For we found his woolly dog on the path which leads through the orchard to the woodland. And I have just come over this part of the road. Of course, he might have gone the other way."

With Jerry by my side I was in the car, ready to turn it and dash

on my way again. But Mrs. Tiger stopped me with a gesture which I only too readily obeyed. My dazed brain realized that hers was functioning quickly and clearly, and I was only too glad to follow her directions.

### Jerry's Guess

"If you'll stop at Benton's," she said, "and ask them to telephone Tiffany at the brickyard and Rogers down the turnpike the other way, they can start out at once and go over the road and fields from there as far as your house. You've been along the road this way, so then it'll be a sure thing that he can't have gone by the road. He couldn't have gone any farther than either place."

"Not unless somebody has kidnapped him," Jerry suggested, as I turned the switch key.

My very fingers went numb at the awful suggestion.

"You, Jerry, shut your mouth if you can't say anything with more sense than that," his mother admonished, but Jerry waited on until we had gone beyond her hearing before resuming his gloomy predictions, evidently movie-born and nourished.

"Yes, ma'am," he began with his invariable salutation and an-

swer for every question whether he is talking to a man or a woman. "Yes, ma'am, my mother can laugh if she want to, but I'll be somebody kidnapped that little fellow. He's too smart to run away, and he's so cute and pretty lots of folks would want him. I'd think that man across the road might have done it. I wouldn't put it past him, for he's awful sore at you, but he's been working in the field across from here all day, and I've been where I could see him every minute the last hour, so it couldn't have been him."

The man across the road! I hardly heard Jerry's reassuring statement that he could not have been concerned in the terrifying vision that flashed upon my brain—of my floundering little lad in his cruel hands.

(To be continued.)

## FIND COPPER DEPOSITS

ANCHORAGE, Alaska, Sept. 4.—(By mail).—Valuable finds of copper ore have been located in the Kashtin section, 40 miles from the Alaska railroad in the interior, it is reported here. A pack trail to the district has been opened.

# S. O. S.

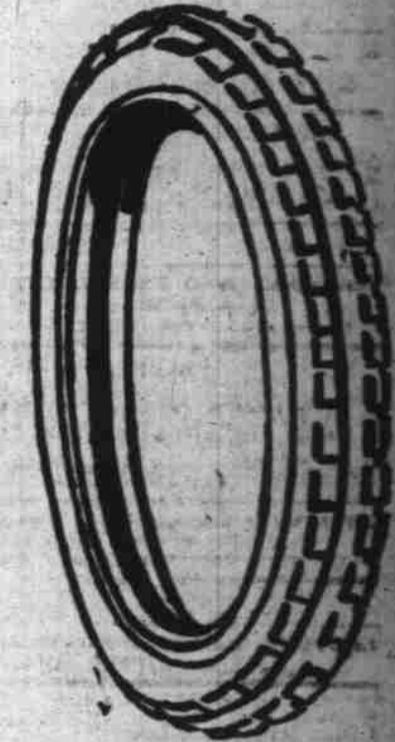
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