

FOUR

INSUFFICIENT LIGHT IS ONE HAZARD ON HIGHWAY

More Accidents Caused by Dim Lights, Says Expert

EXAMPLES CITED BY PIM

Points Out That Average Motorist Knows Nothing of Care of His Headlamps

The primary requirements of standard specifications for control of automobile headlights such as have been approved by the government for adoption by the various states are that there be sufficient illumination in front of the car night for the driver to observe readily a substantial object or person at 200 feet directly in front of the vehicle. This is impossible if the lights are dim or poorly arranged, says Frank A. Pim, illuminating engineer, formerly state illuminating engineer for Oregon and Utah. Statistics show, he says, that more accidents are caused through insufficient illumination than by bright lights.

"The average motorist knows nothing of the care of his headlamps and does not attempt to give them any care," says Pim. "He will work on his car Sunday mornings preparatory to taking a trip in the afternoon and he will work on all parts of the car. He will oil the steering wheel, grease the wheels and the rear end, but when he comes to the headlamps he probably will not even turn them on and out he goes on the highway returning at night with lights perhaps blinding other drivers. If motorists would take the same care of their headlamps as the oil in their engine or the air in the tires conditions on the highway would be considerably better."

Adjustment Simple
"A simple method of procedure that could be followed by a motorist would be to mark his car on the level space of ground about 25 feet from a wall or garage door, adjust the bulb in one headlamp until the beam is at the most concentrated position. Then measure the distance from the floor to the center of either headlamp and strike a line on the garage wall or door at this height to see that all of the light from the headlamp is below this line. This will insure a good driving light that will not be offensive to the other fellow. If the reflectors are bent, rusted, fogged or scratched they should be repaired, polished, resilvered or replaced with new ones, so that the light emanating therefrom will permit correct observation."

FUMES FROM THE GASOLINE TANK

When Safety on the Highway Is Achieved; Packard Dealers to Confer; Record Sale of Oldsmobiles Reported

Then—and Then Only
Not until we have done away with certain classes of automobile drivers, either by education or by means of force, can the average motorist take the road in safety. When we have—

- Blotted out the drunken driver;
- Abolished the under-age motorist;
- Outrun the "beat the train" driver;
- Shot down the highway robber driver;
- Forced the road hog into a bottomless ditch;
- Taught the no-signal driver sign language;
- Caught the hit-and-run driver for good and all time;
- Whipped the smartness out of the smart aleck driver;
- Thrown the bootlegger driver behind the bars for 20 years;
- Convinced the speed maniac that he is not in such a hurry after all;
- Stepped on the loafer driver's rear bumper to give him reasonable speed;
- Equipped the one-light driver's car with three lights;
- And just naturally pounded some common sense into the bone-headed driver's cranium with a sledge hammer, if necessary;
- Then, and not until then, can the average man drive out to a nearby lake for a picnic supper or a fishing trip with reasonable assurance that he will return home fit and whole, and not to a hospital maimed and mangled.

The Hathaway Motor company has just received a Graham Brothers truck of hydraulic lift type. It is designed especially for sand and gravel hauling. This is the first truck of its kind to be displayed by the local distributor.

Packard Conference Stated
Ray O'Donnell, distributor, has received a carload of Packards. Mr. O'Donnell announces that the Packard company has held its Pacific coast conference of dealers for December 15 and 16 at the Multnomah hotel, Portland. It will be attended by Packard representatives including Col. Vincent, director of engineering; Ray Chamberlain, general sales manager; H. N. Davock, technical service manager; F. H. McKinney, advertising manager; and W. W. Loranger, financial specialist, all of whom will give addresses pertaining to the automotive industry.

Record Sale of Oldsmobiles
F. E. Calkins, distributor of the Oldsmobile, last week set a record for sales when he sold and delivered six new cars within six days. He also received two carloads of Olds the past week, all enclosed models. Mr. Calkins finds the demand for coupes and roadsters far ahead of the supply.

Taking No Chances
Visitor, returning to city from week-end in country, to chauffeur—"Don't let me miss my train, driver."
Chauffeur—"No, danger, sir. The mistress told me it would cost me my job if I did."

The Benjamin Motor company is still moving used cars in their special sale of good values at bargain prices.

Carload of Stars Received
The Lane Auto company received another carload of Stars on Thursday. Mack says the sale of certified use cars is getting results. H. W. Curtis, Pacific coast representative of the Star, has called a conference for December 7 and 8 at the Hotel Oakland, Cal. All dealers of this section are to assemble at the meeting. Kenneth Ables of the local company and Claude

daytime? Why is this? They are the same lamp bulbs, the same reflectors, the same lenses, and the same battery, yet they do not glare. The reason for this is that the sun shining upon the roadway reflects back in the eyes of the driver and causes the iris of the eye to maintain a constancy that will not admit the glare or dazzle to the retina which produces the stress on the eye nerve tissues.

Sunlight is Best:
"If there is no apparent manifestation at night to the sunlight conditions of the day on the highway the less will be the possibility of glare. In other words, the brighter you have your lights focused properly on the roadway, and with a 21-candle power lamp bulb, the less is the possibility of being driven off the road by the bright lights of the approaching car. But do not overlook the all important fact that this must be accomplished without glare from your own car."

"It is a well-known fact that when we enter a dark room and remain there for a period of time that the iris or the pupil of the eye becomes enlarged. No one can control this. The reason is because nature provides that when we enter a dark room the iris becomes large to admit all the light in that room to pass into the eye so that we may have visibility in the darkened room. When we leave the dark room and pass into the sunshine there a change takes place which is evidenced by contraction of the pupil in about three and two-thirds seconds. That is the reason we have to shade our eyes with our hand when we enter the sunshine from a dark room."

Dim Light Bad
"Suppose, then, that you are driving your car down the highway with your lights dim, or with inefficient illumination. The pupil of the eye enlarges the same as in the dark room because you have poor light in front of you with absolutely no reflection from the highway to give the iris of the eye any degree of constancy. Suppose you are approached by another vehicle with bright lights which shine in your eyes and cause the pupil to contract. The closer you approach this car the smaller the pupil in your eye becomes and the contraction continues until the approaching car passes you. The condition of the eye then is exactly as you are in the dark. It will take 3 2-10 seconds to adjust yourself to the darkness, and while this is in process you are absolutely blinded."

"Under these conditions you are moving at 35 miles an hour, you will travel in 3 2-10 seconds just 144 1/2 feet, and it is this period you lose your sense of bearing and possibly also lose the control of your car."
"Motorists who do not want to take care of their headlamps themselves should suggest to their garage men that the headlights be adjusted according to specifications."

A. A. MOVES TO ABOLISH ARRESTS ON THE HIGHWAY

Directs Drive Against Speed Traps and Courts

FEE SYSTEM UNDER BAN

To Place All Main Highways Under State Road Patrol is Feature of the Program

WASHINGTON, D. C.—The placing of all the main highways of the country under state road patrol and the abolition of the fee system of arrests are among the main features of a program put forward by the American Automobile association today for ridding motorism of its worst irascibility, namely, the speed trap and the roadside court.

Thos. P. Henry, president of the A. A. A., in announcing the plan of the national motoring body expressed confidence that the program formulated on the basis of a survey by 750 A. A. A. clubs would not meet for protection for motorists using the highways, but also assure safer and more effective enforcement of motor vehicle laws.

"Our investigation has proven conclusively that there is virtually no enforcement by Justice of the Peace Courts and that a system of fees is honeycombed with corruption," President Henry declared.

Features of the Program
Following are the main features of the A. A. A. program:
First, that all main highways be put under the jurisdiction of state road patrols.
Second, that the fee system of arrests should be forthwith abolished, and that pending the time when all states established road patrols, every officer should be elected by the people, paid by the people, and compelled to wear a uniform.
Third, that arrests should be based on recklessness rather than on technical violation of speed limits.
Fourth, that laws be enacted barring evidence secured by speed traps on the ground that such evidence is "immoral" and gotten by trickery.
Fifth, that every state take steps similar to those recently taken in Ohio for defining the jurisdiction of J. P. Courts, in order that the motorist may know that the power of these courts are also that state auditors should institute a strict accounting system for fees and fines collected on the highways.
Sixteen states and the District of Columbia, said President Henry, "have already established road patrols. We find that law enforcement of the motor vehicle is not only more effective in these states but also that motorists have greater protection." He continued: "The situation as regards speed traps and roadside courts is much worse in those localities where the road patrol is not under state supervision. My first suggestion would, therefore, be that state police take over and patrol main highways everywhere. As long as small villages have the right to make their own regulations, hire their own speed cops to go out and haul motorists, who are breaking neither state laws nor common rules of motoring, we will be plagued with speed traps. In many instances the justice of the peace is a constitutional officer. Steps should be taken to relieve him of all jurisdiction as far as the motor vehicle laws are concerned."

Fee System Held Farce
"It is clear to all that justice on fee system, as far as the high-

ways are concerned, is a farce and a caricature. In the absence of a road patrol under the direction of the state, constables, sheriffs and their deputies should be salaried officers paid by the people of the community. They should have no financial interest in the result of an arrest. Take away this pecuniary interest and you will have taken away 99 per cent of the enthusiasm of your average speed trap cop, but you will replace him with a better officer."

"I feel very strongly that the existence of present speed limits on main highways—in many cases so low as to be ridiculous—is one of our difficulties. Arrests and violations should be based on recklessness rather than on the actual speed of an automobile at any given time. We must come down to common sense and cease to be pestered by the hobgoblin of fifteen miles an hour! The states that have made recklessness the test have materially improved motoring conditions within their borders."

"There is another point I would like to see stressed in this connection. The duty of a patrol officer is to prevent violations. Your typical speed cop too often encourages technical violations and too frequently plays the

role of an agent provocateur for the purposes of conviction. Testimony thus secured is not only worthless but highly immoral and should not count for conviction."

BENEFITS OF FAMILY CAR PROVIDES BETTER HOME LIFE FOR LABORER

Improved living conditions for day laborers are made possible by the automobile according to an item in "Successful Methods," November 1925.

"The president of a contracting company which does an enormous amount of work in isolated districts told us the other day that he has noticed many valuable results from the widespread use of automobiles by workmen. One of these is that such transportation enables local men to live at home and travel considerable distances to a job."

Thirty-five of the 43 groups of products once burdened with war excise taxes have been granted complete repeal. Federal war excise taxes on the automobile have not been repealed.



Gifts for Men

A great many beautiful, as well as practical gifts are now ready for your inspection and selection. A purchase at this store — comes with it an assurance of rightness, as to quality and price.

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DeNeffes Complete men's wear
McDonald Theater Bldg.

Wonderful Christmas Values!

EASY PAYMENTS MEANS EASY GIVING
Folks Find out for Yourself.
7-Jewel Elgin Watch Chain and Comb
A diamond timepiece priced to offer the best value—just having a small payment.
\$15.00
The Gift of Thrift
A Flawless DIAMOND
It's Giving and Saving
Bought here is your assurance of finest quality, blue-white and perfect. We make it easy to give by making it easy to pay.

Take Reasonable Time to Pay
Diamond Values
In this store stand the test of comparison. These low prices prove the truth.
Wrist Watch Special
Happy gift thought for her stocking—and proof to work no hardship on your purse. Pay the easy way..... \$15.00 Up
Latusca Pearls
18-Inch Strand Pay Weekly \$10.00 Up
Just what "she" wants—at the price you want to pay—don't overlook big value!
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A Christmas She Will Never Forget

Give Her the World Famous Grand Prize Eureka Vacuum Cleaner

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SPECIAL CHRISTMAS COUPON
 Please favor me with trial demonstration in my (home) (office).
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 Please enter my order for a Eureka complete. Enclosed find check for \$ _____ to be delivered. Date: _____ Hour: _____
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68 Ninth Ave., West "WIFE SAVING STATION" Telephone 1750

A Host of Practical Gifts

This Christmas give something that will be useful and practical the year round. We have hundreds of gifts that are close to both the masculine and feminine hearts — and for the kiddies, good, strong wagons, scooters, etc.—built for hard rugged wear:

FOR HIM—
Golf Clubs—Golf clubs are always close to a man's heart and are sure to make a pleasing gift. Priced from— \$1.50 to \$12.00
Flashlights—Flashlights are essentially a practical gift—useful for those dark nights when putting the car in the garage, etc. Priced from— \$1.00 to \$5.00
Carving Sets—Nothing looks nicer on the dining room table than a nice, new carving set—he is sure to appreciate this gift. Priced from— \$3.75 to \$15.00

FOR THE CHILDREN—
Wagons—Wagons are always popular with the children—they afford hours of pleasure and will last for years. Priced from— \$3.00 to \$12.00
Scooters—Scooters are always wanted by children and will be one of their most prized presents. Priced from— \$3.50 to \$6.50
Kiddie Cars—A gift that is sure to please the kiddies. The child that owns one is always the envy of all other children. Priced from— \$2.50 to \$7.00

FOR HER—
Percolators—A practical gift to grace the morning breakfast table will be enjoyed every morning of the year round. Priced from— \$1.50 to \$4.00
Silverware—24-piece silverware in several different designs. This is a gift the woman prizes most. Priced from— \$9.00 to \$14.00
Pyrex—The nationally known Pyrex sets—will make a splendid gift for the woman who loves to cook. Priced from— 80c to \$2.00

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