

OLD MODEL HOMES HEATED WITH GAS

Thirty-six model homes, each equipped to use gas for all fuel purposes, are built in 28 of the larger American cities this summer, according to recent announcement of the American Gas Association.

In addition to gas stoves, water heaters, incinerators, and radiant heaters, the homes will be equipped with fired heating plants.

The builders in each city are under contract to erect not less than nine model homes, following the original specifications, which will bring the total to 288 model homes throughout the country.

Three hundred gas companies throughout the United States have in force special rates for gas heating, and the number of gas-fired heating plants is increasing rapidly.

AUTO LIGHTS AND HOW TO USE THEM

ARE AID TO ROAD SAFETY

Experts Describes Types and Use of Lamps and Points Out Value; How to Drive Best at Night

(By H. Clifford Brokaw, technical advisor, New York City West Side Y. M. C. A. Automobile School).

One of the most remarkable circumstances in connection with motorizing is the small proportion of accidents due to the blinding lights of cars on the roads at night. It looks as though the focal apparatus of the motorist has sort of adjusted itself to the situation which obtains when one car meets another after dark.

Illuminating engineers have devoted their skill in behalf of creating headlights which will not glare and yet at the same time will give sufficient brightness to light the road ahead. Recently some cars have been equipped with a device which may be considered to represent an important improvement in this situation. This new device, through a control on the steering wheel enables the driver to direct the headlight rays downward on the road ahead. This to a considerable extent removes the glare from the approaching driver's eye and yet does not handicap the driver by a quick change in the quality of the light as is the case in dimming.

Eye Adjusts Itself
When the sun is shining automobile headlights may be turned on with no inconvenience to approaching motorists. As evening approaches the headlights appear to become stronger and this process goes on until darkness arrives. The darker the night the brighter the headlight. During this process the eye has been automatically adapting itself to the strongest light.

As dawn appears the process is reversed. It is generally considered that the dangerous glare of auto headlights can be considerably modified by placing them under certain tests. For instance, when a headlight is placed in front of a white screen or wall about 25 feet distant and the light turned on, the bright light can then be adjusted to a certain position which will give the driver a fairly satisfactory view of the road and the flow of the rays of light will be sufficiently low so as to reduce the glare in the face of drivers of autos coming in the opposite direction.

Screen Test
When such adjusted headlights are taken on to the highways where there is no white screen or wall to reflect the light a somewhat different result is obtained. This happens because a large amount of light from the headlights which was rendered invisible by the light reflected from the screen makes its appearance so the eye changes to adapt itself to the weak light deflected from the dark roads. Once in a while headlights which appear to glare on the road will at the same time pass a screen test.

In any event, headlights on the automobile should enable the driver to distinguish clearly a pedestrian or vehicle or any large object in the road at least 200 feet ahead. Every car should have two headlights in operation after sunset or before sunrise, one on each side of the car and both lights of equal power. These lights should be on, especially if the car is in motion and the lights should be white or very close to that color.

When Standing Still
If a car is standing still one or two headlights should be visible from a distance of at least 500 feet. Also whether the car is standing still or in motion one red tail light should be displayed visible at a distance of 500 feet. The tail light should be in the center or to the left of the center of the car and should illuminate the plate number with a white light. The headlight bulbs should not exceed a

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CUTS MILLION FROM YEAR'S ESTIMATES

President Lops That Sum From Probable Appropriations; For Economy

One hundred million dollars has been lopped off the government estimate for the new fiscal year by the President. Even with this reduction the nation will spend during the fiscal year ending June 30, 1928, some fifty-five millions more than it had expected to spend in the current fiscal year. However, responsibility for this increase rests with congress which passed an appropriation for the Spanish war veterans amounting to thirty-six million; for the Veterans bureau, eighteen million; and sixteen million for the Civil Service Retirement act. In connection with these measures, it should be said that the President signed them after congress passed them, and has no desire to avoid responsibility. The President stands for economy and savings, but in the broadest sense. Economy which will provide the means and wherewithal for constructive spending. That is the goal towards which he is aiming in which he is sustained by the people of the country at large.

Rating of candle power that the law of the street requires.
In some headlights the bulbs can be set slightly forward or backward by adjusting a small set screw. It will be well for the owner to become thoroughly informed as to the method of adjusting the lights on his particular car so that if there is any readjusting needed he will be able to do this without difficulty. It often happens that the vibration of the car will result in giving a tilt which requires a focal adjustment.

Carry Spare Bulb
Carry at least one spare bulb for your headlights and know how to put it in when there is need for a new one. This is just as important as having a spare tire and knowing how to change it. The surface of the reflector on a light should be frequently cleaned so as to produce the best lighting results. For this purpose a soft cloth is desirable and in using such a cloth be sure to wipe from the center outward toward the rim rather than round and round. It is also well to inspect the general wiring through which the electric current is provided for the lights to see that it is in good shape, as well as the storage battery to insure its doing the work required in the whole lighting arrangement.

MOSES RENOMINATED FOR U. S. SENATOR

The senate would hardly have seemed a natural place without George Moses, and the rejoicing over his renomination is very genuine. George has a sharp tongue, but an able one, and now and again when in the great and honorable senate the disposition seems to be to discuss topics in a purely academic way, he adds a little life and pleasure to the debates not only on the floor but in the cloakroom, which cheers even the soberest thinkers. The New Hampshire contest ended as all Republican contests should end, with Senator Bass, the defeated candidate, sending a fine and sincere message of congratulation and support to George.

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SHOE MANUFACTURING IN STATE INCREASES

Twenty-five years ago there was practically no shoe manufacturing industry in Illinois; today there are more than seventy factories employing about 11,000 workers and making 20,000,000 pairs of shoes a year. This statement is from a recent bulletin of the Illinois Chamber of Commerce which points to the remarkable growth of Illinois industrially in the last quarter of a century.

It is assumed, after a study of several recent criminal defenses, that an alibi nowadays is proof that you weren't there when you did it.—Detroit News.

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