

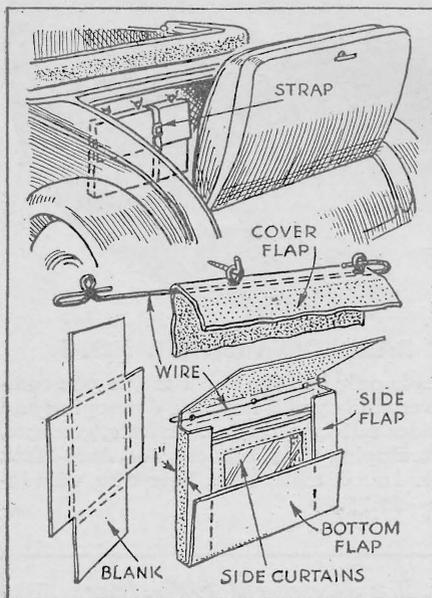
# Useful Short Cuts for MOTORISTS

*Suggestions for Quick Repairs and Handy  
Improvements on Cars Made by Our Readers*



Sheet of orange cellophane over headlamp helps light pierce fog

**L**IVING in a section of the country where fogs are a frequent danger to those who venture out in a car, I devised a simple kink to get clear visibility even on the soupiest nights. Borrowing the idea from the modern neon beacon, I found that a smooth sheet of orange or light-red cellophane fastened over the lens of each head lamp with a strong rubber band colored the light just enough to allow it to pierce the fog. According to experts, the explanation is that light at the red end of the spectrum is less easily dispersed by fog or dust than is blue light.—W. R. J.



## Side Curtain Case

**W**HEN I first became the owner of a small roadster, I spent considerable time trying to find some convenient place to stow away the side curtains when they were not in use. At first, I decided on the tool compartment under the front seat, but the tools scratched the celluloid "windows." Finally, I made the simple case shown in the illustration.

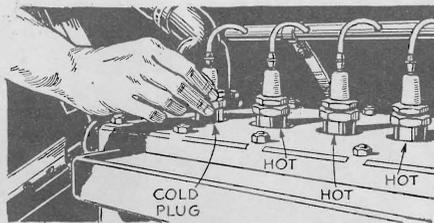
A piece of heavy yet flexible cardboard

served as material for the case. It was cut cross-shaped, so that the flaps when folded back form an inch-thick envelope just wide enough and long enough to house the curtains.

To mount the case, an ordinary wire coat hanger was first straightened and then reshaped to form three small loops. These project through three small holes cut in the upper edge of the

case and hook over three hooks screwed into the wooden framework at the front of the rumble seat compartment. An ordinary slip-buckle strap is used to hold the case closed. If desired, the case can be given a coat of shellac and then painted.

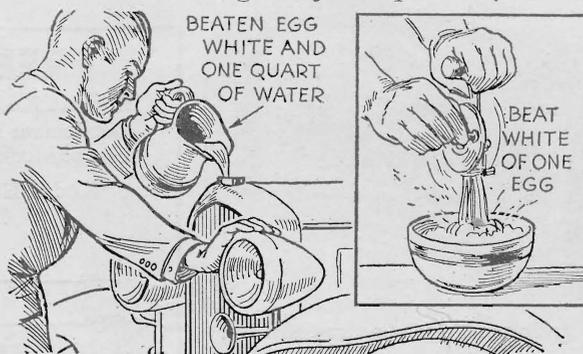
When storing the curtains, all sides should be unfolded and the curtains laid flat in the case. Soft cardboard separators (shirt boards will serve) can be placed between the curtains to prevent them from rubbing together.—M. A. F.



## Finding Faulty Plug

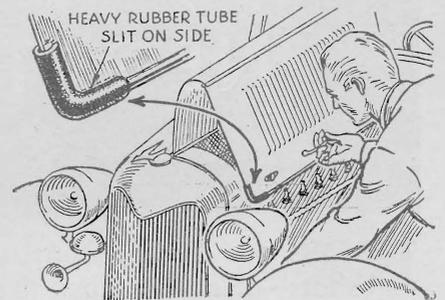
**A**LTHOUGH many tricks are used to locate a spark plug that is missing, the easiest way that the writer has found requires no tools or homemade testers. Simply start the motor when it is cold and allow it to run until it is warm. Then stop the motor and feel the base of each spark plug. The spark plug that has been missing will be colder than the rest.—E. J. N.

## Emergency Repair of Radiator Leaks



White of egg beaten to a froth is mixed with quart of water and poured in radiator. It coagulates and will stop a leak

**O**NE way to stop small leaks in a radiator core is to beat the white of one egg to a froth, mix it with one quart of water, and pour it into the radiator. The writer has found that as soon as the water gets hot, the mixture coagulates and will stop any small leaks that may exist without interfering with the normal circulation of the radiator and cooling system.—K. M.



## Guards for Hood

**O**N MANY modern cars, the head lamps are so placed that they receive scratches and dents from the front corners of the hood everytime it is raised or lowered. This can be prevented by providing these offending front corners with improvised bumpers made by splitting short lengths of heavy rubber tubing lengthwise and slipping them over the head that edges the corners of most hoods. If desired, the tubing can be held rigidly in place with cement.—O. B.

## Mending Radiator Hose

**W**HEN making an emergency repair on a leaky radiator hose, your first thought will be to use ordinary friction tape. However, if tape is used alone, the heat and water soon dissolve the adhesive. A better method is to use a long strip of rubber cut from an old inner tube. Wrap it around the hose in the manner shown. Then apply a layer of friction tape to hold it in place.—J. L.

