

# Helpful Hints FOR Motorists

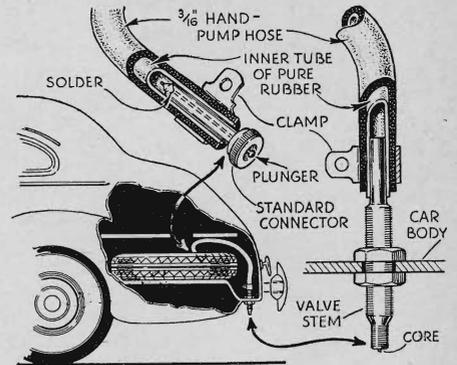


## Periscopic Mirrors Remove Blind Spot

TWO ordinary rear-vision mirrors mounted on the dash and at the top of the windshield on my car serve to reduce the "blind spot" beyond the hood by many square feet. In effect a periscope, the mirrors show up objects that ordinarily cannot be seen from the

Two mirrors, mounted as at the left, show the driver the part of the road hidden by the car hood. The oval illustrates the area brought in view

driver's seat. They enable me to see if children are playing in front of the car when I am about to start off. On the highway, they show exactly where the shoulder of the pavement begins, a valuable aid when driving on narrow roads.—L. J. L.

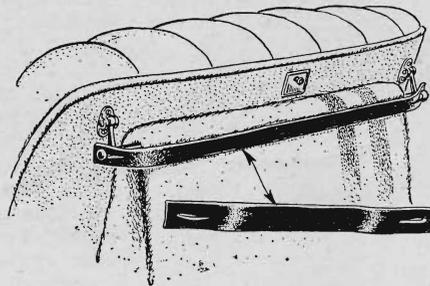


## Outside Valve for Spare Is Easily Installed

TO ELIMINATE the necessity of opening the luggage compartment on my car to check the spare-tire pressure, I installed the homemade device shown above, that has a handy valve extending from the rear of the car body. I lined an old tire-pump hose with pure-rubber tubing bought at a surgical-supply store, and connected one end to the tire, the other to the cut-down valve of an old tube, bolted through the body metal.—J. R. G.

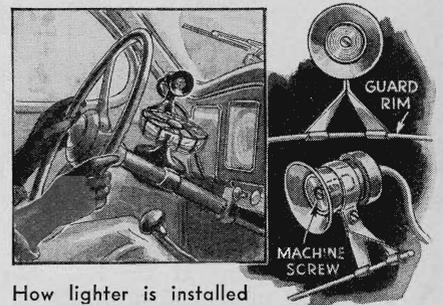
## Rubber Strip Keeps Robe in Place

KEEPING the car robe from slipping off the hanger rail is accomplished easily by cutting a rubber strip from an old inner tube and providing a slit near each end. In use, the strip is simply looped over the hanger rail as indicated in the drawing reproduced at the right. This holds the robe or rug in place, and yet allows it to be both quickly and easily removed when it is needed.—A. H. W.



## Cigar Lighter Helps Defrost Windshield

IF AN electric cigar lighter is fastened to the guard of your vacuum or battery driven car fan, the fan will do a much more efficient job of defrosting the windshield. Mounted as in the illustrations at the right, the lighter serves to warm the air circulated by the fan. A short machine screw, with its round head set in a hole tapped in the end of the heater provides the means for connecting the unit into the car's battery circuit. The heater also helps to keep a driver's hands warm.—W. C. W.



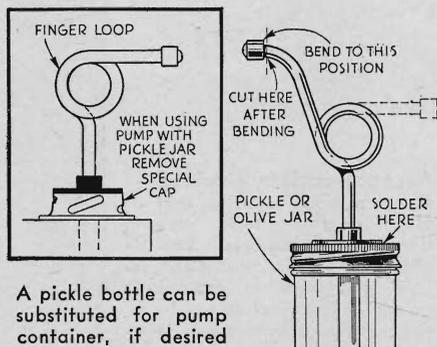
How lighter is installed



## Carpet Hung in Garage Sweeps Snow off Car

A PIECE of old carpet, the heavier the better, suspended from the top of the garage-door frame so that it just touches the roof of the car as it is driven in, is an excellent device for cleaning off snow that collects on the car roof during a snow storm.—A. H. W.

## Homemade Gun for Refilling Shock Absorbers



A pickle bottle can be substituted for pump container, if desired

A HANDY device that makes it easier to refill hydraulic shock absorbers, usually mounted in inaccessible places under the chassis, can be made from an old insect spray gun of the type operated by one finger. Bend the tube as indicated at the left, and saw off the tip. Fill the container with the fluid and remove the plug in the shock absorber. When the tube is inserted in the hole, it is only necessary to move the container up and down to inject the fluid, the altered insect-spray head serving as a pump.—J. B.