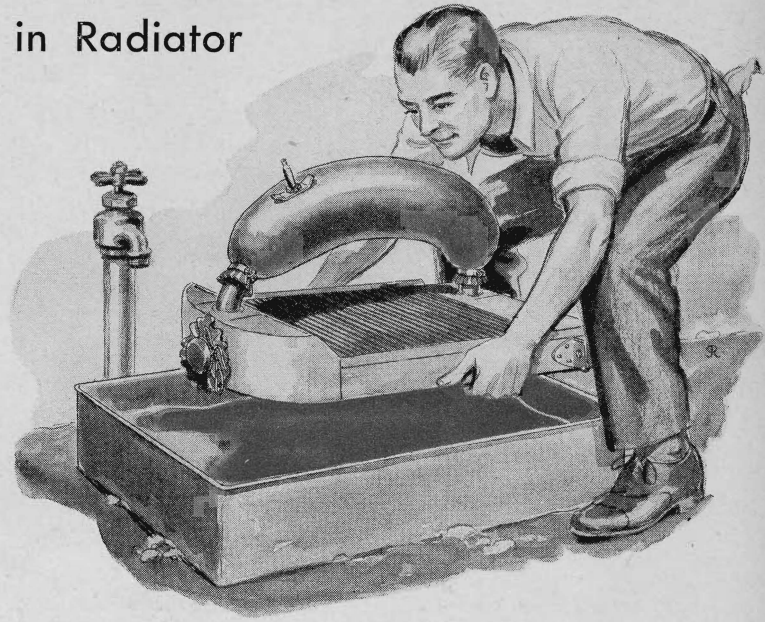


Tricks To Help Motorists

Inner Tube Helps Find Leak in Radiator

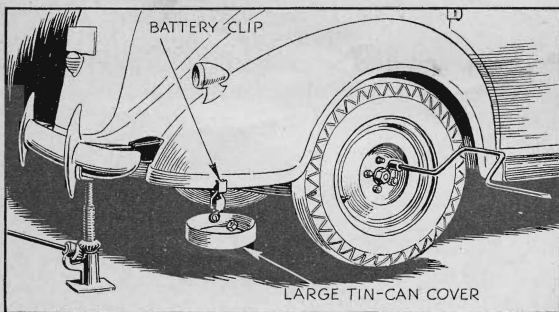
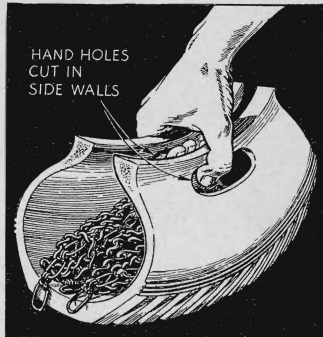
RADIATOR leaks can be located easily by fastening a piece of an old inner tube, including the valve, to the openings of the radiator with hose clamps, as shown at the right. Cover the filler opening with a square rubber patch, and plug the overflow pipe with a small cork. When air is applied to the tube, and the radiator is immersed in water, bubbles will show the location of the leak so it can be repaired.—J. P.



With all openings sealed and air pumped in through the tire valve, the radiator is placed under water. Bubbles will betray the position of leaks

Chain Carrier Made From Tire

A CONVENIENT carrier for tire chains can be made from a discarded balloon tire. Cut a section about eighteen inches long, and make hand holds under the beads on each side. The curved shape of the carrier prevents the chains from falling out.—H. A.

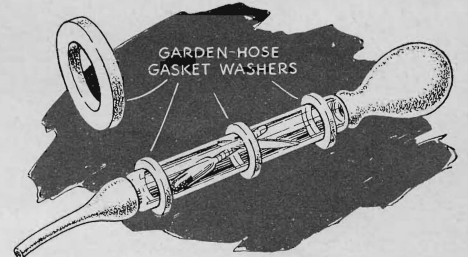


Handy Rack Holds Wheel Nuts When Changing Auto Tire

MY CAR, like many other late models, has no wide running boards on which to put the wheel nuts when changing a tire, so I use the little rack shown. It is made from a tin-can cover bolted to a battery clip whose jaws are lined with rubber, and fastens to the edge of the fender.—E. T. G.

Rubber Washers Protect Hydrometer

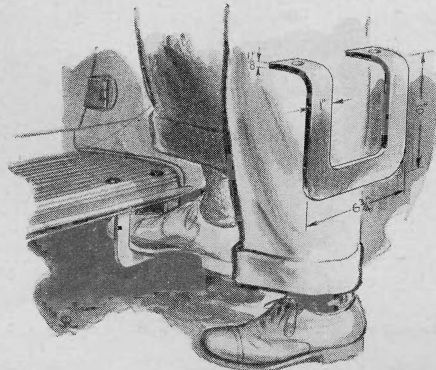
AFTER I broke a battery hydrometer and spilled acid over the floor of my car, I decided to find a way of protecting the glass tube. Inexpensive rubber washers of the kind used as gaskets on garden hose proved to be the answer. Three or four of them placed on the hydrometer barrel do the trick, and they do not interfere with the use of the instrument in any way. Dipping the washers in water makes them slip on easily. If the hose washers are not available, wind narrow strips of inner-tube rubber around the hydrometer, cementing them in place.—A. H. W.



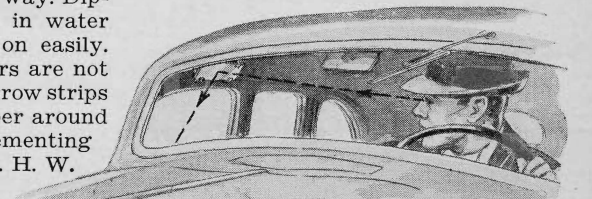
Accidental breakage of a hydrometer is prevented by a few rubber hose washers

Shoe Scraper Keeps Mud Out of Car

AUTOMOBILE owners who drive in muddy districts will appreciate this simple shoe scraper. It consists of sheet steel, one-eighth inch or more in thickness, cut in the shape of a "U," and bent as shown. Two holes drilled in the bent-over ends permit it to be attached to the running board of the car with nuts and bolts. Lock washers should be fitted to keep it from loosening. The scraper is inconspicuous, and does not interfere with the car's operation. It aids in keeping the inside of the car clean.—E. F.



Suggested dimensions for the foot scraper. It keeps mud from being tracked into a car



Dotted lines show how the mirror permits the driver to see the curb. The mirror is held by two homemade brackets

Mirror Aids in Parking at Curb

AN EXTRA mirror, placed as shown, will enable you to park close to the curb without danger of scraping the fenders or running board. It is mounted inside the car above the front window by means of two light metal brackets. The exact position and angle of the mirror will depend upon the width of the car and the stature of the driver. It should be placed so the running board and curb both are visible from the driver's seat, thus enabling the driver to gauge the distance from the curb.—W. H.