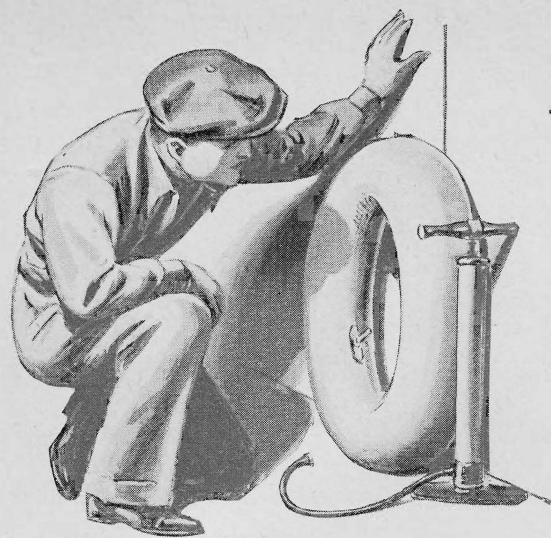
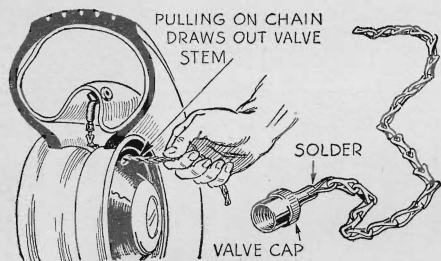


Helpful Hints FOR MOTORISTS

Experienced Drivers Among Our Readers
Offer You These Valuable Suggestions



WHEN no water is handy, it is sometimes difficult to determine whether or not an inner tube has a slow leak. A kink that the writer has found valuable in such cases is shown in the illustration above. The tube is inflated and rested against the wall. Then a pin is stuck into the wall above the tire so its head touches the top surface of the rubber. Even the smallest leak will cause the tube to sink away from the pin in five or ten minutes.—E.J.N.

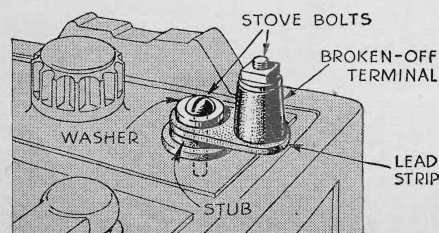


Replacing Tire Valves

OWNERS of cars equipped with so-called "air-wheel" tires may experience some difficulty replacing the valve stem in the rim when making tube repairs. To make the job easier, solder a short length of light chain to an extra valve cap. The cap then can be screwed to the valve and the chain pulled through the hole in the rim to lead the stem into place. The chain should be about a foot in length to allow plenty of slack. When not in use, the chain and cap can be stored on the valve of the spare tire.—F.L.C.

Broken Battery Terminal

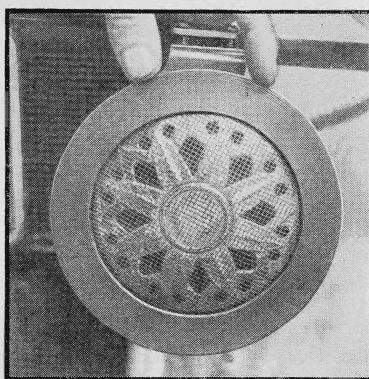
WHILE trying to loosen one of the cable clamps on my car battery recently, I accidentally sheared off one of



the terminals. It had broken off so close, that not even a slight projection remained to serve as a terminal for the clamp. After trying several ideas without success I made the temporary terminal shown in the sketch. From a small sheet of lead, I cut a flat arm about 1 in. wide and 2 in. long. At one end I mounted the sheared-off end of the terminal with a stout stove bolt. Through a hole in the other end, I drove a second stove bolt into a hole drilled in the terminal base on the battery.—E.D.T.

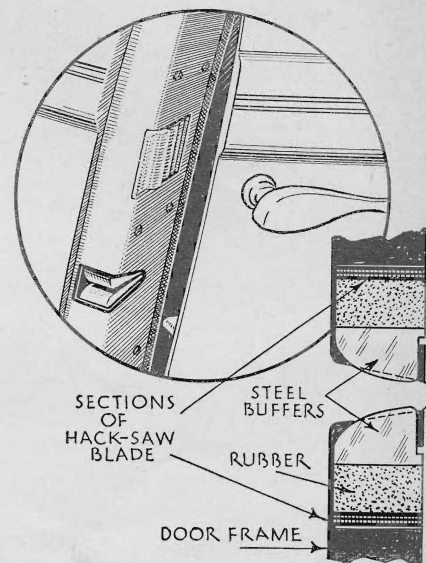
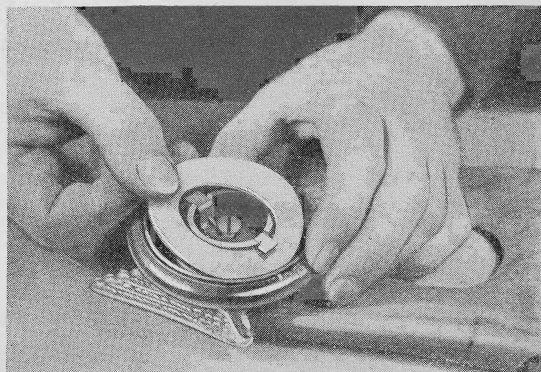
Insect Shield for Horn

ORDINARY window screening and a soft rubber telephone base ring can be combined to form an inexpensive insect shield for the flat, open horns used on modern cars. Simply cut the screening to fit the front face of the horn, hold it in place, and slip the rubber ring in place over the rim. The ring will fit snugly and hold the screening tightly over the open face of the horn.—F.W.B., Jr.



Rubber Gasket for Leaky Radiator Cap

IF THE radiator cap on your car fits loosely, allowing water to spray back on the windshield when the radiator is filled, remove the worn gasket and replace it with one made of rubber. Measure the inside of the cap with a drawing compass and then, with the compass, draw an inked circle on two thicknesses of live inner tube that have been cemented together. Wet the rubber for ease in cutting with scissors. The rubber gasket will give a perfectly water-tight seal that will last.—K.M.



Stopping Door Rattles

ANNOYING closed-car door rattles often can be silenced with small sections of discarded hack-saw blades. To make the repair, remove the steel buffers and rubber pads from the door jamb and place two shims of hack-saw blade steel between the jamb frame and the outer edges of the rubber blocks. The shims will reduce the clearance between the steel buffers and tend to hold the wedge-shaped projection on the door frame tightly in place.—C.H.J.

Soap for Squeaking Hood

ORDINARY hand soap rubbed on the fabric lacings under the hood at the cowl and radiator frames will eliminate annoying squeaks and rattles that sometimes develop. Soap is better than grease as it does not collect dirt.—R.L.S.