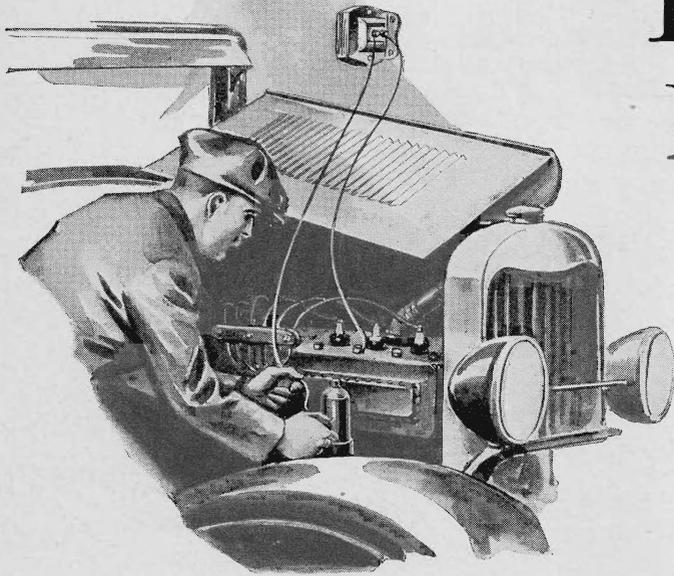


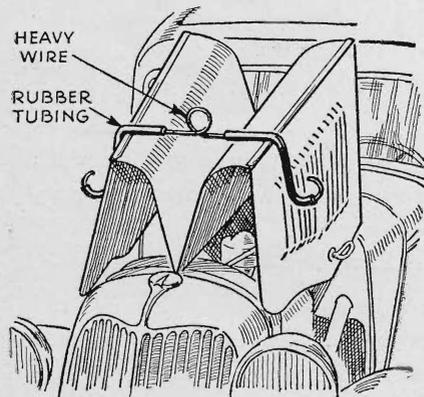
Tricks to Help MOTORISTS

Valuable Suggestions for Drivers
Contributed by Experienced Readers



Bell Transformer Starts Car With Dead Battery

ONE morning recently when I was in a hurry to get the car started, I came to the sad realization that my battery was dead. Spinning it by hand failed to stir up even a sputter. In trying to think of some way out, I spied the six-volt transformer that supplied the bell system in the house (my garage is built into the house). With the car ignition switch *off*, I connected two wires to the six-volt side of the transformer, wired one lead to the wire that usually supplies the battery current to the ignition coil, and grounded the other to the motor. When I spun the motor this time, it started easily. Then, acting quickly, I switched on the car's ignition and at the same time yanked the two transformer wires free of their moorings on the motor. Unfortunately, this system will not work on cars fitted with protected distributor cables.—J. J. A.



Wire Holder for Hood

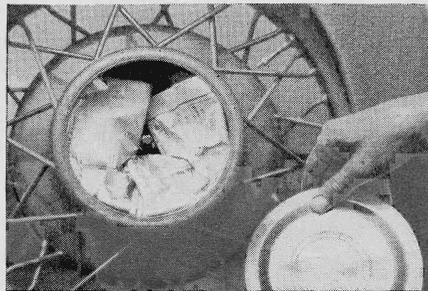
OFTEN when working on a car motor, it is convenient to have both sides of the hood open at the same time. The wire hood holder shown makes this possible. The holder can be made from any scrap of sturdy wire. To protect the finish on the sides of the hood, slip short lengths of small rubber tubing on each of the legs.—M. A.

Transformer, supplying the bell system in residence, was wired to car's ignition coil and used to start the car when battery failed

tire provides room for several towels. Wrap them in paper, stuff the package inside the hub, snap the disk cap back into place, and they will be there when you want them to clean up after a dirty job on the road.—R. M.

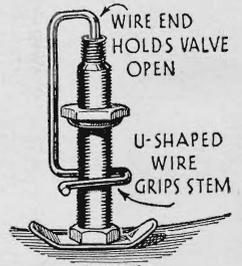
To Deflate Inner Tube

AFTER testing an inner tube for leaks, you are confronted with the problem of deflating it. Of course, you can let the air out by holding down the pin with the valve cap but that takes time and keeps you from your work. The easiest solution to the problem is to make the simple tire deflator shown in the drawing. It consists of a piece of stiff, springy wire bent to form two U-shaped loops—one horizontal and one vertical. The wire at the end of the vertical loop is inserted in the top of the valve to push down the pin while the horizontal loop holds the wire in place.



Storing Towel and Soap

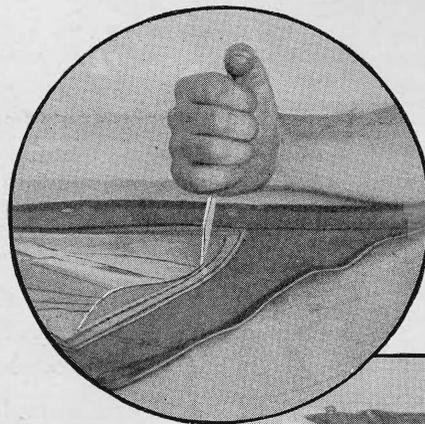
EVEN under the best conditions, changing a tire is a messy job. But it always seems worse when you are on the road and have no towel and soap for the cleaning-up process. However if your car has large hubs, there is no excuse for not carrying a towel and soap with you. The space under the hub cap of your spare



Drawing shows how to make wire device that depresses pin in valve stem and so releases air —M. Y.

Replacing Celluloid Windows in Side Curtains

LACK of strong needles and sewing ability is no excuse for not replacing the broken celluloid windows in your side curtains. With sheet celluloid and cement, you can do the job quickly and easily. First, remove the old window by cutting it out even with the opening. This will leave the strip with the stitching, which in most cases is in good condition, attached to the curtain cloth. Then cut the new window the same size and shape as the original. Finally, using a modern quick-drying cement, stick the new windows to the stitched edges.—J. D. S.



When windows in side curtains wear out, new ones are made of sheet celluloid. After the damaged curtain is cut out, as above, the new curtain is cemented to edge of old one as shown at right

