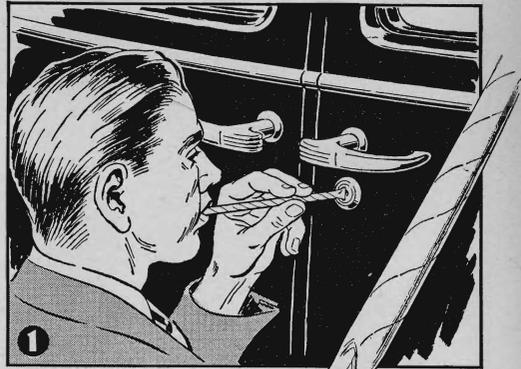


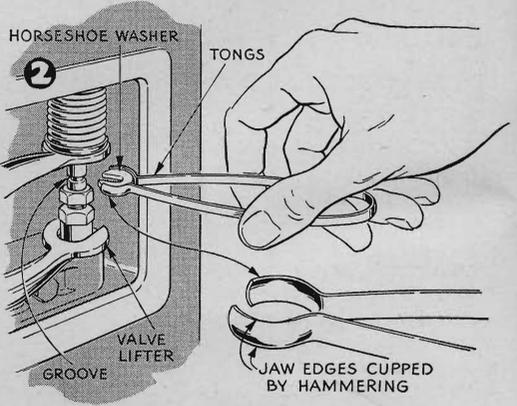
# HELPS FOR MOTORISTS

**1 LUBRICATING DOOR LOCKS** with a little finely flaked graphite is one of the most effective ways of keeping them from sticking. To get the material into the keyhole, dip an ordinary soda straw into the supply of graphite, then pinch the end so the straw will fit into the keyhole. Blowing into the other end will force the material into the lock of your car door, a little of it getting into every corner of the lock for a perfect job of lubrication.—A.H.W.



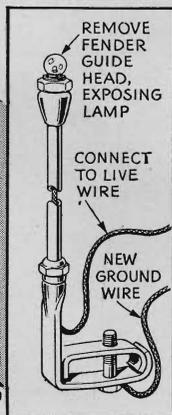
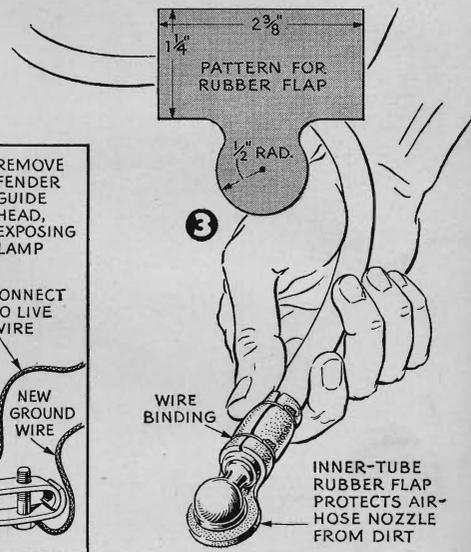
STUFF END OF SODA STRAW WITH FLAKE GRAPHITE, THEN FLATTEN

**2 A SIMPLE HOLDER** for installing horseshoe washers on valve stems and other spring-tension units can be made from a 14" strip of sheet metal about 1/4" wide. Shaped like sugar tongs, and with the ends cupped as shown, the holder easily grasps the washer for setting in place, without any danger to the worker's hand should the valve lifter fail during the job.—N.W.

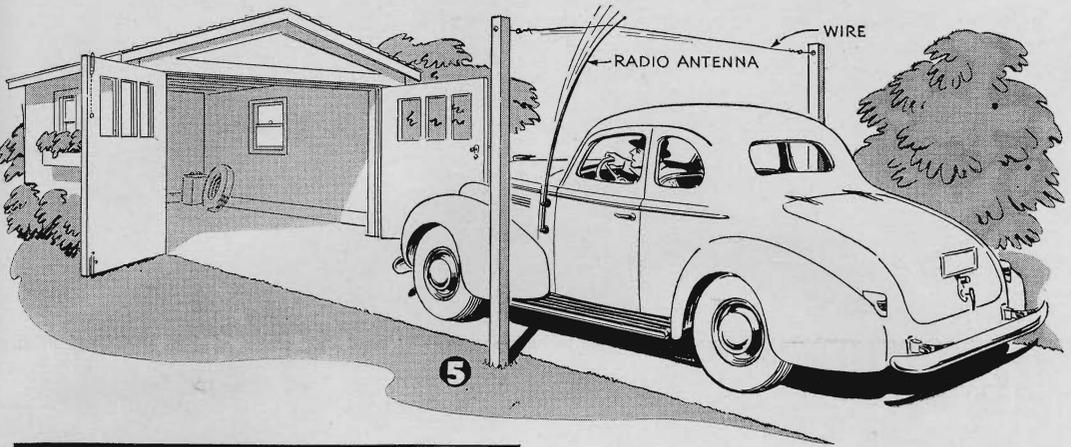


**3 DUST WILL NOT COLLECT** in the nozzle of the service-station air-hose adapter if a flap made of inner-tube rubber is wired securely in place as indicated in the drawing. Taking but a few minutes to make, the attachment will prevent dirt from entering valves while tires are being pumped up. The flap bends back easily on contact with the side of the tire valve stem.—O.R.

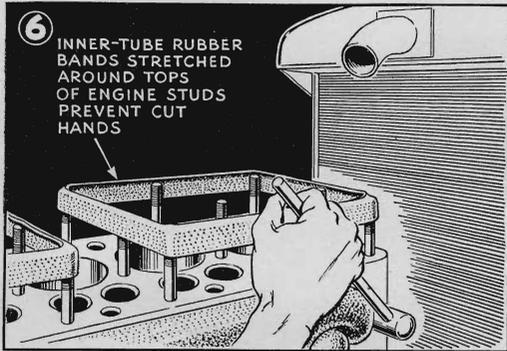
**4 WITH A TROUBLE LAMP** made from an old illuminated fender guide, you always have power on tap for night repair jobs. Jaw-type terminals on the wires shown in the diagram will facilitate connecting the unit to your car's electric system. Remove the translucent globe from the lamp for better light.—D.L.G.



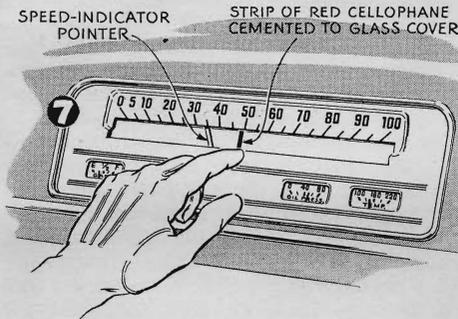
# AND SERVICE MEN



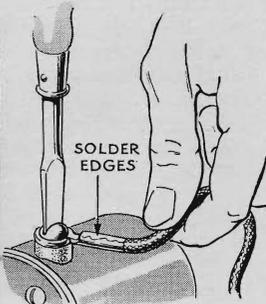
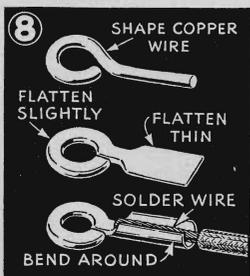
**5 FISHPOLE ANTENNAS**, often raised above the level of your garage doorway, may get broken against the door frame or the ceiling of the garage if not lowered before driving your car in. A wire stretched over the driveway between two posts of required height will strike the antenna if too high, setting the antenna swinging as a warning to lower it to safety.—L.D.



**6 RUBBER BANDS** cut from an old inner tube and stretched around the engine studs while the head is removed for work will protect the hands and fingers from scratches and cuts against the sharp stud threads. Make the bands wide enough to cover the threads and curve over the ends of the studs.—H.A.



**7 A RED CELLOPHANE STRIP** cut from the tab of a cigarette package can be made into an effective warning marker for your speedometer. Cement a short piece of it on the glass over the numerals representing the maximum speed limit of your community. A glance at your speedometer pointer while driving will always show whether you are staying safely below the limit.—P.J.F.



**8 HOMEMADE WIRE TERMINALS** can be turned out in a jiffy with only a hammer and a soldering iron. Using short pieces of stiff copper wire, bend them and pound them flat as shown in the drawing, and solder the wire leads for a permanent contact. The terminals thus formed make handy connectors for many car accessories such as cigarette lighters, fans, turn signals, etc.—C.W.S.