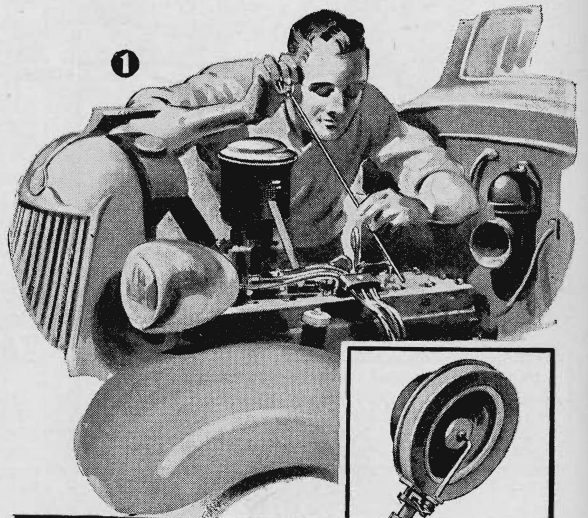
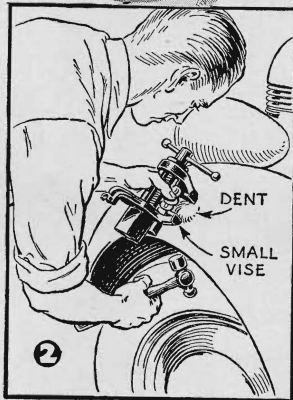


EIGHT CAR TIPS FOR

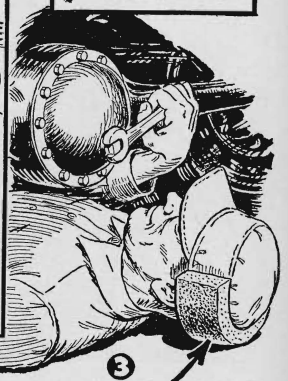
1 A HOMEMADE STETHOSCOPE for diagnosing motor ills is easily assembled from the reproducer head of an old phonograph arm and a length of $\frac{1}{8}$ " steel rod 18" long. File one end of the rod, as shown in the inset at right, to fit the needle holder. Holding the reproducer up to the ear and moving the other end of the rod around on the engine block will quickly locate most engine noises.—C.O.M.



2 REPAIRS TO DENTED FENDERS are facilitated with an ordinary small bench vise used as illustrated at the right. First the vise jaws are opened wide and placed against the top of the fender so that the dent is between them, if small, and along their edges, if large. Tap the underside of the fender with a hammer to bring it back to shape. Shifting the jaws of the vise around the dent improves the job. By turning the vise in various positions, its rounded jaws can be made to conform to the fender curves.—R.J.W.

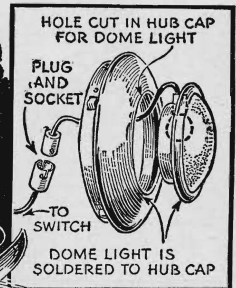
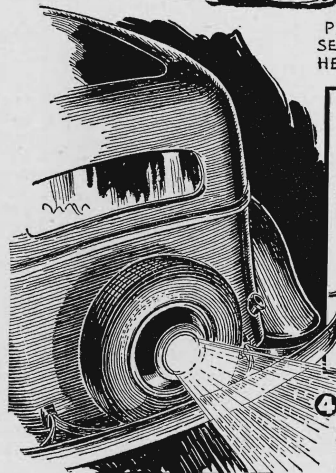


3 FOR WORKING UNDER A CAR, a piece of sponge rubber about 1" by 3" by 8" in size sewed onto the back of a mechanic's cap provides a soft cushion wherever he rests his head. Besides providing comfort, the cushion will eliminate any possibility of bruises and cuts should a slipping tool or dropped part cause the worker to jerk his head backward and downward against the floor.—N.B.



PIECE OF SPONGE RUBBER SEWED TO CAP SERVES AS HEAD CUSHION

4 BUILT INTO THE HUB CAP OF a rear-mounted spare wheel, an old dome light obtained from a junk yard can be a serviceable and decorative backing light for your car. Cut a circle in the hub cap large enough to take the fixture, to which a single-wire lead and plug are attached. Then solder the fixture to the cap to hold it and provide a "ground." Connect a wire from the socket by means of a plug and long wire to a switch on the dash, and thence to one ammeter terminal. When you change a tire, switch the hub caps, too, so as to keep the light on the rear of the car.—S.A.T.



LIGHT AIDS DRIVER WHEN BACKING AT NIGHT