

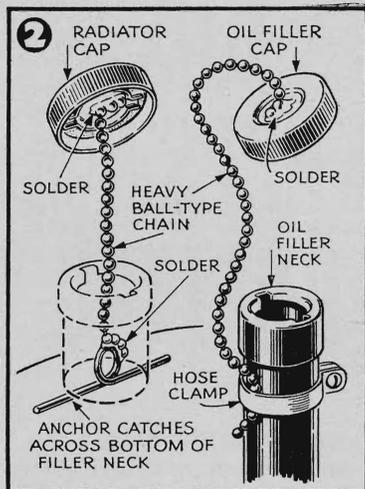
# USEFUL AUTO HINTS



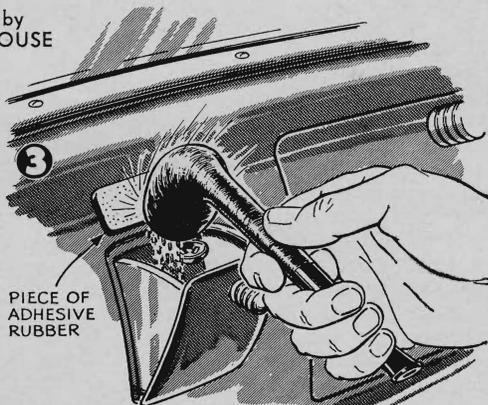
3"x7" ICE SCRAPER  
MADE OF THIN,  
HARD FIBER  
BOARD

Drawings by  
STEWART ROUSE

**1 AN EFFICIENT SCRAPER** for removing ice and frost, or just plain snow, from the windshields and windows of cars can be made from a piece of stiff fiber board, cut to the size and shape shown. Put a couple of these in your glove compartment when you ready your car for winter. They will come in handy some day.—H. A. T.



**2 TO PREVENT LOSS** of radiator and oil-filler-pipe caps of your car, solder heavy ball-type chains to the caps and connect the other ends with anchors of the types indicated in the drawings. The anchor holding the radiator cap should be made of brass or copper. The oil-filler-cap chain uses an outside clamp.—W.H.Q.



PIECE OF  
ADHESIVE  
RUBBER

**3 A DASHBOARD PIPE BUMPER** directly over a pull-out-type ash tray can be made by simply affixing a small piece of adhesive-backed rubber to the panel above the tray. Tapping the pipe bowl against the rubber will quickly empty the ashes into the open tray, making it unnecessary to use two hands for the chore.—A.L.G.

**4 TO MAKE A BABY-BOTTLE WARMER** for use on automobile trips, bend two strips of galvanized iron to the shapes shown and rivet them together, adding a drop of solder or two for rigidity. Hung over a door of the car heater, the unit holds a bottle near enough to the blast of warm air to heat it as much as desired.—W.C.F.

