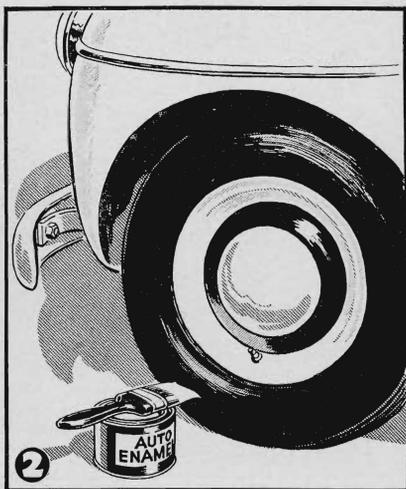


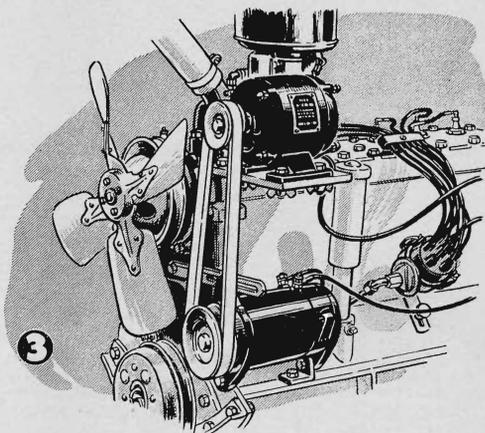
HANDY AIDS FOR THE



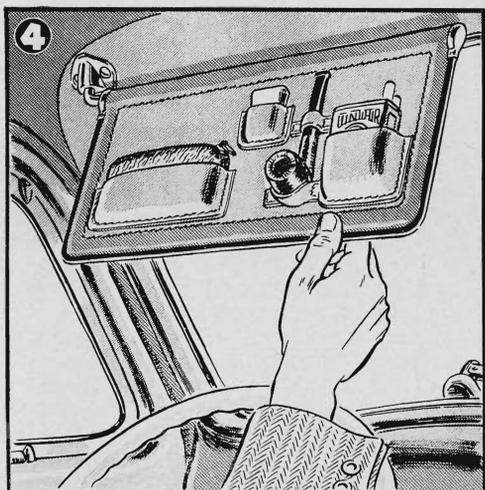
1 DEFROSTER FANS, which frequently are furnished new with plain on-off-type switches, can be made more flexible by replacing the original switch with a rheostat type such as most heater blowers have. The rheostat switch, available at most automobile-accessory stores, costs but a few cents and attaches easily under the dash.—P.V.



2 WHEEL APPEARANCE is improved by the simple expedient of applying white enamel to the wheel rims, as shown in the accompanying drawing. The resulting effect to the eye is that the car is equipped with white-wall tires. The area covered should extend only from the lip of the rim to the point where the drop-center rim is fastened to the wheel itself.—A.P.

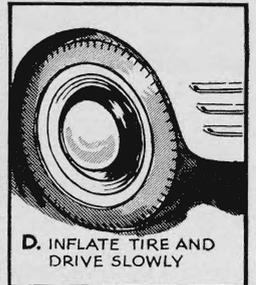
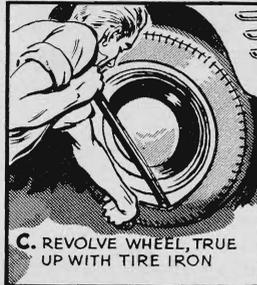
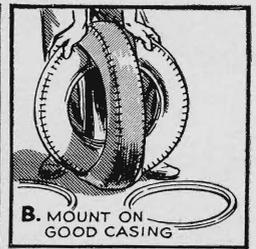
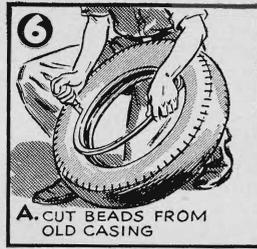


3 LITTLE-USED BATTERIES can be given an occasional charge with an old quarter-horsepower house-current motor plugged into a garage outlet and rigged on the car motor as shown. The electric-motor bed of iron can be permanently bolted to the car-motor studs, and the demountable motor connected to the generator pulley with a short V belt.—C.R.M.



4 A HANDY SMOKER'S SET for the motorist can be made of cut-out pieces of soft leather, sewn as indicated to the top side of one windshield visor. Material from a pair of old kid gloves should furnish all the leather needed.—D.McM.

AUTOMOBILE OWNER



DRAWINGS BY STEWART ROUSE

5 A HAT HOLDER that will keep your hat off the car seat and floor while you are driving can be readily rigged up with a wire coat hanger and a strip of steel. Mount the unit as shown in the drawing by making use of one of the screws holding your rear-view mirror in place.—H.N.

6 HOMEMADE TIRE CAPS, good enough for slow, careful driving can be made by the method detailed in the series of drawings above. In cutting off the tire beads to make the cap, cut close to the bead welt. It is absolutely essential to use a tire of the same size as the one over which it is to be mounted.—T.D.

7 BROKEN OR STRIPPED threads in spark-plug holes of aluminum cylinder heads usually call for either a new head, or re boring and rethreading the hole for an oversize plug. a simpler repair is to bolt the plug down with a piece of strap iron, cut and drilled as shown to fit under the heads of two engine studs.—R.H.

8 COMPARTMENTS within your glove compartment will help bring order out of the chaos of articles that usually find their way into this handy catchall. Plywood, cut to your individual requirements and glued or nailed together, is excellent material for the device. Allow for hinge movement, and leave it free for easy removal when desired.—D.McM.

