EIGHT HANDY IDEAS

COINS FOR TOLLS on highways, bridges, ferries, and tunnels are always at your finger tips in this special holder mounted on your dash. A heavy spring paper clip is attached to the dash with a screw through one of the handles. Coins pinched between its jaws are easily removed as needed.— D.K.

2 SLIP-PROOFING A BUMPER JACK is easy if you keep on hand a few pieces of old innertube rubber about one by two inches. One of these folded in the notch of the jack will keep the bumper from slipping. I always carry a few of the rubber pieces strung on a wire in my trunk compartment.—M.J.P.

3 BATTERY-TESTER PRONG POINTS often become corroded and dulled through neglect when not in use. To prevent this, attach a clip to the wall to grip the handle of the tester, and beneath it mount a small trough. The latter is filled with a mixture of sand and soda which keeps the tester points bright and sharp.—W.G.W.

4 TWO-IN-ONE GLARE SHIELD. While traveling against the sun on a winding road, you are likely to find yourself continually shifting the glare shield back and forth between the windshield and the door. Hinge an extra shield to the front shield as illustrated. When not in use, it folds against the front shield, which swings up against the top in the usual manner.—E.H.





POPULAR SCIENCE

FOR THE MOTORIST





UE

DOOR 6-IN. STRAP

STOP LUG ON

MOUNTING PLATE

HINGE

5 A GLOVE-COMPARTMENT LIGHT eliminates the annoyance of groping in the dark for licenses, maps, cigarettes, or other articles. Controlled by a door-jamb switch, the lamp goes on automatically when the compartment is opened.—P.N.

6 COMPRESSING PISTON RINGS can be done easily with a piece of wire and a pair of pliers. Loop one end of the wire firmly around a stud in the cylinder block and wind it once around the ring to be compressed. Pull the free end of the wire until the ends of the ring meet, and tap gently on top of the piston to force it down into the cylinder.—F. McC.

7 RUNNING-BOARD FOOT SCRAPER. The best way to keep the floor of your car clean is to install a foot scraper under the running board or body. A six-inch strap hinge is mounted on a steel plate, which in turn is fastened to the running-board bracket. A protruding end of the mounting plate serves as a lug to stop the hinge in the open position. When not in use, the hinge folds back out of sight.—E.F.

8 RUBBISH FENCE FOR GARAGE. Leaves and rubbish are kept from blowing into an open garage door by a fence of inner-tube rubber five or six inches wide stretched across the opening at the floor level. The rubber gives enough to allow the car to pass over it.—A.H.W.

> DRAWINGS BY STEWART ROUSE



9

FLOOR

0

6 0

SHEET-

PLATE