USEFUL AUTO HINTS

SUMMER HEAT IN THE TRUNK compartment can make the spare tire grow old long before its time. To cool the trunk, a hole about 6" in diameter is cut in the shelf behind the rear seat and a wire mesh mounted over the hole. Another hole is drilled in the trunk floor close to the catch. Insert the funnel into this hole, split the spout, and nail (or solder) the funnel in place to the floor.—S. S. PALESTRANT.

2 ROADSIDE FLARES are worth carrying even though you may rarely need them. A simple flare can be made from a jelly jar and a stubby candle. Cut a hole in the jar top and put in a candle.—KEN MURRAY.

3 CLEANING SPARK PLUGS is as easy as shaking a stick with the gadget shown at the right, and done the same way. The pipe is tapped at one end to fit the plugs, and closed at the other. Put in some darning needles and a little gasoline and shake briskly.—I. J. STRETTEN.

4 FIXING A FLAT when you have an axle jack usually means reaching far under the car. One way to avoid this is to bolt the jack to a narrow board, or to one of two boards hinged together to make it easier to stow them in the tool compartment. The hinge can be placed facing down as shown here, or up.—D. K. ABELS.

HINGE



10"

FUNNEL AIR

-SCREEN



138 SCIENCE