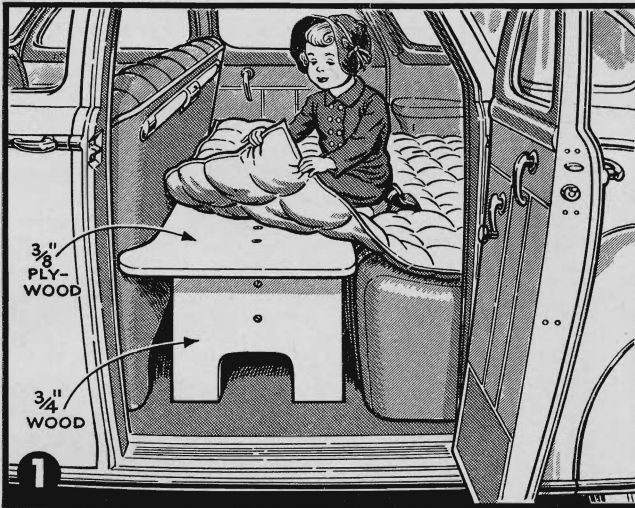
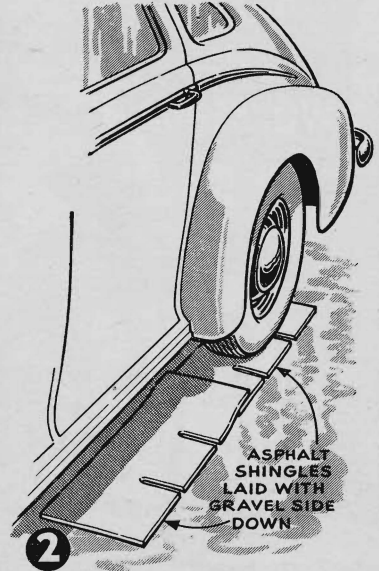


# USEFUL AUTO HINTS



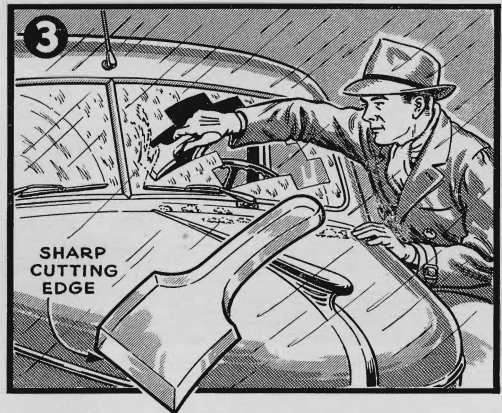
**1 A BACK-SEAT PLAY PEN** will give a baby room to move around in the rear of a car without falling off the seat. It's formed by sliding in a plywood-topped table the exact height of the back seat and shaped to conform to the curve at the back of the front seat. A play-pen pad or blankets cover it. There is storage space underneath.—L. P. LA P.



**2 ASPHALT SHINGLES** laid gravel-side down on ice or in a rut will give a car traction to get a start. They are more compact and less messy to carry in the trunk than sand or ashes.—B. H.

Drawings by STEWART ROUSE

**3 ICY WINDSHIELDS** are cleaned quickly and efficiently with a sharp-edged tool sawed to the shape shown from a thick scrap piece of plexiglas or lucite. The cutting edge can be formed on a disk sander or beveled with a file.—E. L.



**4 A HOT SHOT TO THE IGNITION** will start a car on extremely cold mornings when oil is so stiff that most of the battery output is consumed in turning over the starter motor. The extra juice is furnished by four 1½-volt dry cells installed under the seat and connected through a two-way switch to the ignition circuit as shown in the drawing. Flip the switch to the ammeter side when the engine starts. A switch from the control panel of an old bus, if available, will provide spring action to close the storage-battery connection when the hot-shot battery is not held "on" by hand. Mount it on the dash.—L. C.

