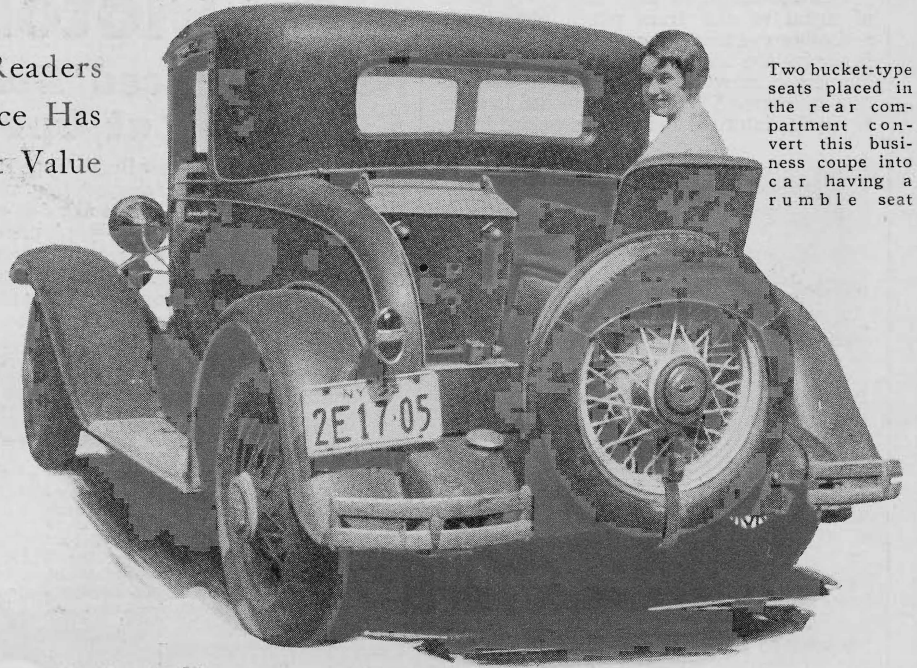


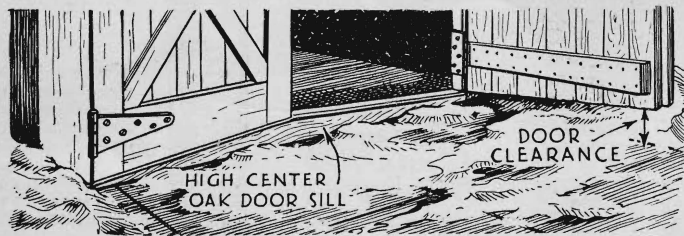
# Useful Hints for Car Owners

Ideas Furnished by Our Readers  
Whose Practical Experience Has  
Demonstrated Their Great Value

**B**Y INSTALLING two bucket-type seats, I recently converted the rear compartment of my business coupe into an inexpensive, yet comfortable, rumble seat. An automobile junk yard that harbored a disabled coach yielded the seats for a few dollars. After the lid to the rear compartment was removed by loosening two bolts, I placed the seats to allow plenty of leg room and bolted their hinged standards to the compartment floor. When not in use, the seats can be folded down and the lid replaced. If at any time I want to remove the seats entirely, all I have to do is pull out the hinge pins in the standards.—R. G. A.



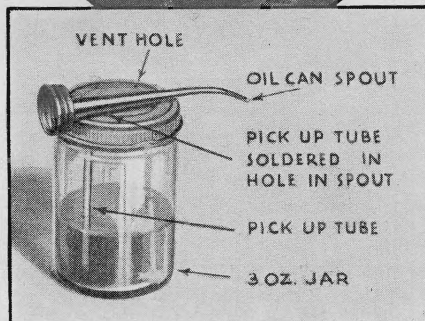
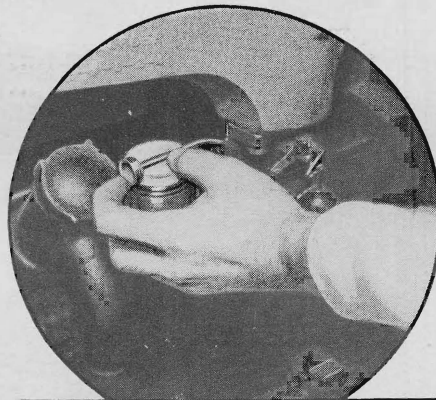
Two bucket-type seats placed in the rear compartment convert this business coupe into a car having a rumble seat



Cutting the bottom of garage doors on an angle, as shown, will keep ice from forming so they stick. Note oak sill high in center

## Sticking Garage Doors

**I**N THE winter, swinging garage doors often stick and freeze along their bottom edges. As a result, every bit of snow that accumulates on the driveway in front of the doors must be cleared away before the doors can be opened. You can make this less of a chore, however, by altering the construction of the doors and supplying an oak sill. Since it is generally the snow and ice on the driveway directly in front of the seam between the two doors that causes the trouble, cut the door bottoms at an angle as shown and install a triangular sill that will provide about four inches of center clearance.—J. D. G.



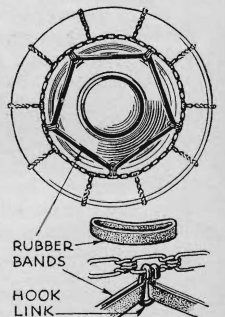
## Oiling Cylinders

**H**ERE is a simple device for quickly introducing any given quantity of oil into the upper cylinders of a new or reconditioned motor during the initial running-in period. It is made up from a small, mayonnaise jar, an oil can spout, and a short pick-up tube having an inside diameter of approximately one-sixteenth-inch. After drilling a hole in the oil can spout near its larger end, solder one end of the pick-up tube directly over the hole. The pick-up tube then is inserted in a hole in the screw top of the mayonnaise jar and a fillet of solder placed around it to hold it in place. The screw cap also should be provided with a small vent hole. To use the injector, fill the jar with

upper cylinder oil and with the motor running at a fairly high speed, hold the jar so the oil-can spout rests in the air intake of the carburetor idling jet. By placing a finger over the large end of the spout for short intervals, you can cause the motor suction to draw the oil up through the jet into the cylinder.—R. J. W.

## Tire-Chain Spreader

**W**ITH the coming of ice and snow, owners of many of the modern cars may find that the jumbo hubs gracing the new wheels make it impossible to fit spring spreaders to their tire chains. Being large in diameter, the disk hubs interfere with the spring links of the spreaders. However, spreaders that will fit can be made from narrow bands cut from a worn-out inner tube. Five bands will be needed for each wheel. The spreaders are hooked to the side chain at equally spaced intervals by means of hooks made by opening the looped ends of cross-link fasteners taken from an old chain.—H. F.



Rubber bands cut from old inner tube serve as inexpensive tire-chain spreaders

## Leaking Grease Fittings

**W**HEN grease fittings become nicked and worn, they very often leak grease when the gun is applied. You can prevent this by placing one or two thicknesses of cheese cloth over the fitting before attaching the gun. The cloth will serve as gasket.—E. J. N.

