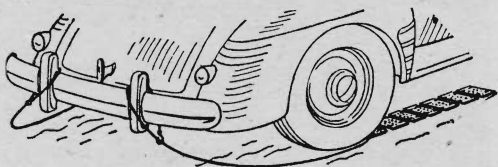
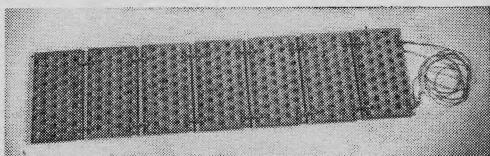
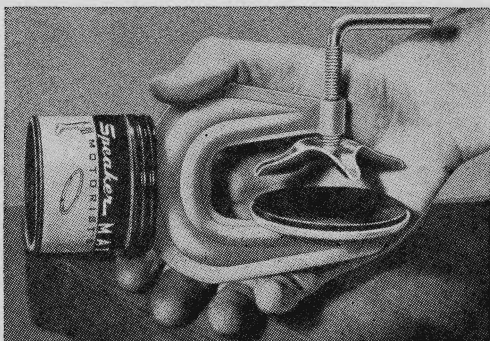


AUTO IDEAS

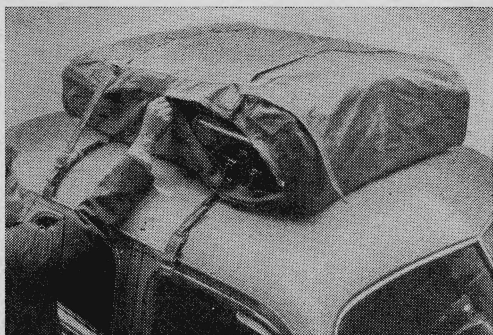
STEEL RUNWAYS. Patterned after the mats used on wartime airfields, these linked steel plates aid in freeing a car bogged in mud, sand, or snow. They can be folded up to take little space in the luggage compartment, and have cables that can be looped over the bumper so the driver can tow them along behind until he reaches firm ground. The plates may also be employed as wheel chocks and as jack platforms on soft shoulders. The Morton Manufacturing Co., of Chicago, makes them.



A LUGGAGE CARRIER that fits on the roof of a car is one answer when the luggage compartment in the rear won't hold all the equipment for a vacation or fishing trip. The carrier is a simple canvas bag, made by the Kari-Top Co., Dayton, Ohio, and is adjustable to fasten securely to any coach or sedan roof. A zipper closes the bag and keeps out rain and dust. When not in use, the carrier can be easily removed and folded compactly into a small box, which can be stowed away in the car or garage.



A RUBBER GROUND strip for carrying off static electricity from fuel and other trucks has been developed by the U.S. Rubber Co. Made of a special conductive rubber, the strip grounds the frame so any static electricity can pass off harmlessly. Besides being noiseless, the rubber is said to wear longer than the conventional chain.



VULCANIZING A TUBE can be done out on the road with the kit made by J. S. Speaker Corp., of Milwaukee, Wis. A buffer and three patches, with heat units and metal pans, are carried inside the can. The vulcanizer is attached to the top of the can. A tube is buffed, clamped in the vulcanizer with a patch, and the heat unit lighted. Heat and pressure make a well-cured joint between the patch and tube in the same way tubes are repaired with the larger vulcanizing equipment commonly used in shops and garages.