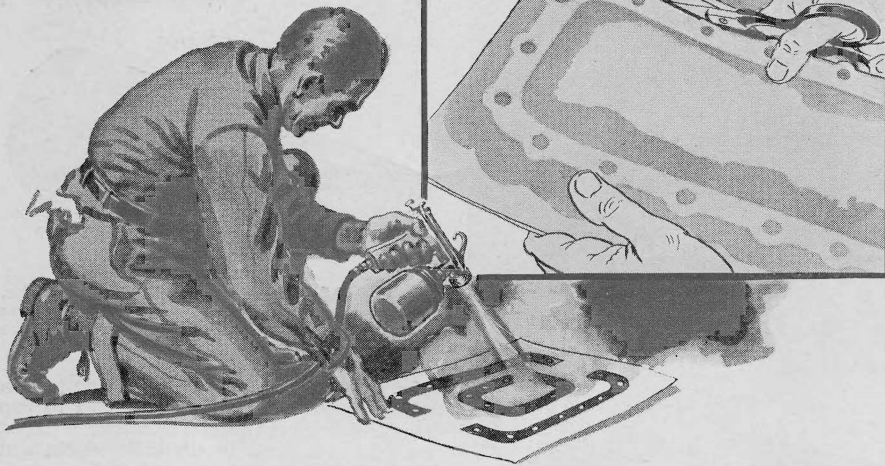


# Short Cuts for Car Owners

Pattern of old gasket is outlined with a spray gun to make an accurate copy of it



## Spray Gun Simplifies Gasket Making

**I**F YOU have a paint spray gun handy, it can be used as a means for making accurate copies of gaskets. Simply arrange the old gaskets on a sheet of new gasket material, fill your spray gun with a thin solution of paint, and spray the entire

surface as shown above. When you remove the old gaskets, you will have accurate stenciled copies of their outlines to serve as a guide for the cutting. This is a particularly convenient method when a variety of gaskets must be made.—E. M.

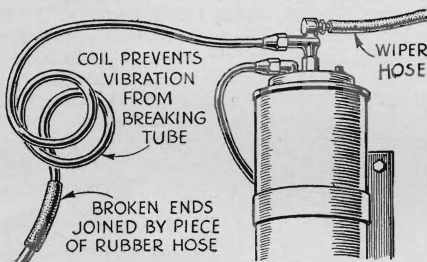
## Improving the Gas Line

**V**IBRATION from rough roads recently broke the gas line from the vacuum tank to the manifold on my car. When a replacement suffered the same fate, I experimented and found two ways of making a lasting repair. The pipe can be replaced with a new section bent into a coil to ease the shocks, or the two broken ends can be joined with a piece of flexible rubber tubing.—R.L.S.



## Handy Oiler for Wheels

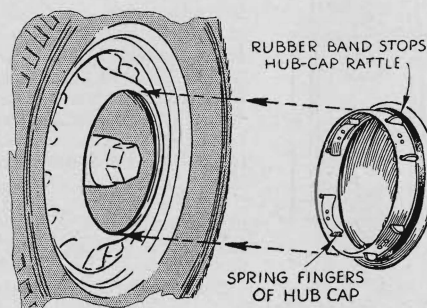
**T**O SIMPLIFY the problem of servicing independently sprung wheels, one wide-awake service man invented the handy oiler illustrated. It consists of a wide-mouthed jar having a screw cap fitted with a spout, a vent, and a graduated measuring stick. In use, the oiler can be handled from the rear of each wheel unit, the wheels being cramped but not removed. The graduated stick measures the amount of liquid used and makes it easy to approximate the cost.—L. K.



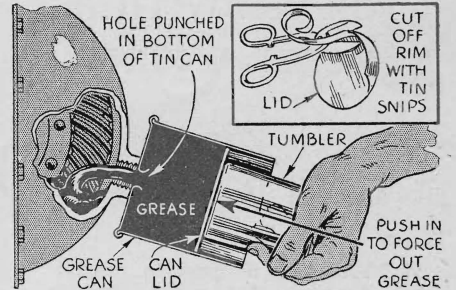
To keep vibration from breaking the gas line, coil it or insert a section of flexible tubing

## Rubber Band Silences Noisy Hub Caps

**A**LTHOUGH the large, disk-type hub caps used on most modern cars are designed to fit tightly in the wheel recesses, dents and rough handling often cause them to loosen up and rattle. They can be silenced, however, by making use of a quarter-inch-wide band of rubber cut from an old inner tube. Simply remove the hub cap, stretch the rubber band, and place it over the projecting spring fingers on the inner rim of the cap in such a way that it will serve as a washer between the hub cap and the wheel.—G. A. I.



## Seven Ideas from Readers That Will Help You Keep Your Automobile In Shape

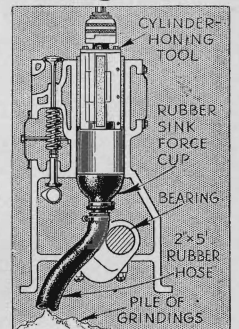


## Filling a Differential

**T**O FILL a car's differential with grease from a can, remove the lid from the can and cut off its outer rim to form a disk. Then punch a hole in the bottom of the can and push the disk into the open top of the can. Finally, hold the can so that the hole in its bottom coincides with the differential filler hole, place a drinking tumbler against the disk, and push. The pressure will force the grease out of the hole in the can, and into the differential filler hole, just as it does in a grease gun.

## Cylinder-Honing Aid

**T**HE simple cup-and-hose arrangement shown prevents metal filings from reaching the crankshaft of a motor when a cylinder honing tool is being used. It is made by fastening a length of rubber hose to a plumber's force cup.—R. D.



Rubber cup and hose catch cylinder filings



## Mask Protects Motor Head

**W**HEN a motor is being repaired, carbon scraped from the tops of the pistons may fall into the water jacket and cause trouble. To prevent this, I use a simple sheet-metal mask cut to the same outline as the cylinder-head gasket, but without the water-jacket openings. Laid in place over the motor, it covers the water holes and seals them against dirt and scrapings.—E. T. G., Jr.