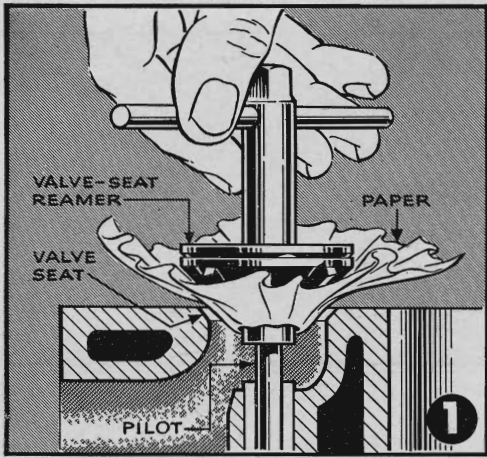


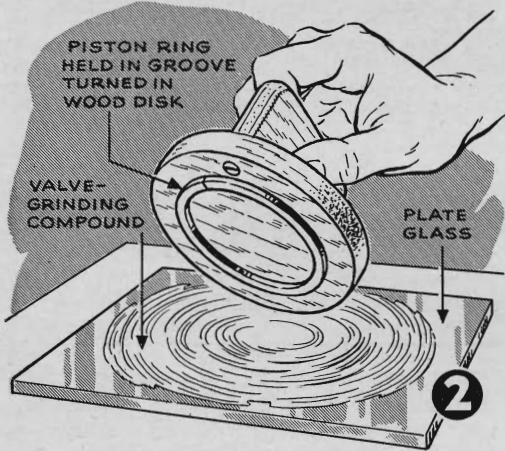
# Hints From the



## 1. Stopping Chatter.

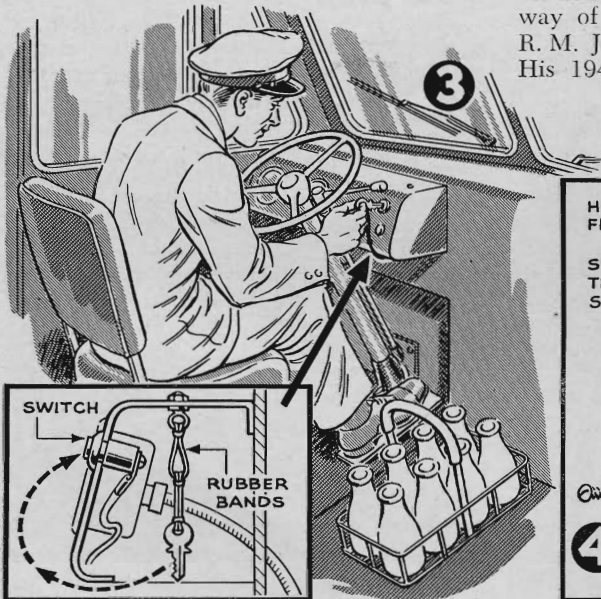
If you have to ream a valve seat by hand, here's a trick that has been useful in the Model Garage. Slip a piece of thin paper over the pilot and ream right through it with short, quick turns. This will prevent

the vertical ridges or chatter marks that sometimes ruin jobs of this kind.



## 2. Ring Sized in Jig.

Piston rings that are oversize in width can be ground with this jig. Saw out the disk and turn a groove in which the compressed ring will partially fit.



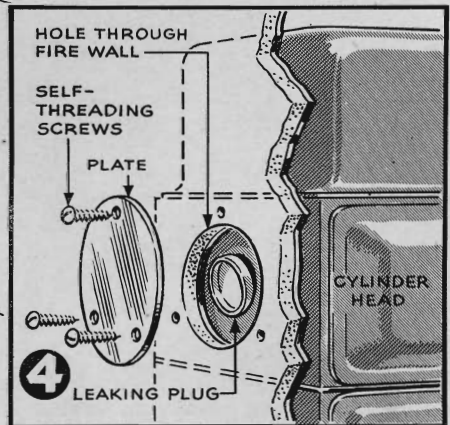
## 3. Ignition Key Hidden.

A milkman must often go out of sight of his truck while making deliveries. Rather than invite theft, one driver pocketed his ignition key each time that he left. But it was always a nuisance to fish around for the key when he returned. He has now solved the problem by fastening the key behind the instrument panel with a rubber band. This keeps it hidden, but always at hand.

## 4. He Kept His Head On.

An easy way of doing a tough job was found by R. M. Jackson, Jr., of Patuxent River, Md. His 1941 Buick developed a leak in the

*Drawings by Stewart Rouse*



# Model Garage

freeze-out plug at the back of the head. The repair job threatened to be long and costly, because the closeness of the fire wall seemingly meant that the head had to be removed. Instead, he cut a hole in the fire wall and had the job done in minutes. A plate closed the hole.

## 5. Getting Back Lost Plates.

Erich Dallmer, of Narrowsburg, N. Y., suggests painting your name and address on the back of each license plate. It's a fine idea, and costs less than a replacement.

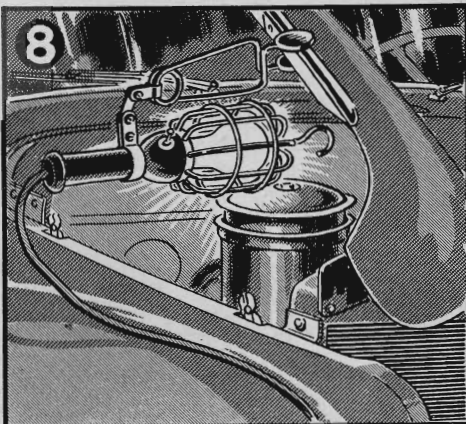
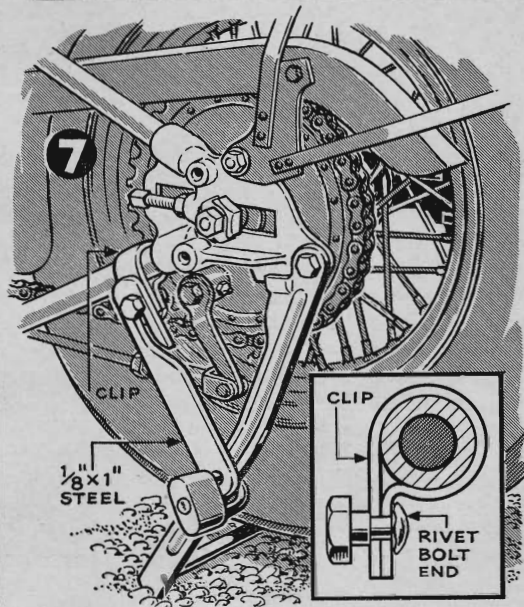
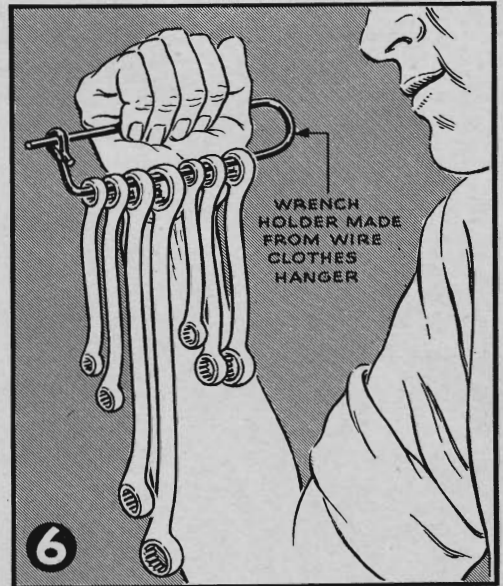
## 6. Wrenches Kept Together.

Tired of hunting through his tool case for a needed box wrench, Arthur E. Nordhoff, of Seattle, made a large "safety pin" from a clothes hanger. This keeps them all at hand.

## 7. Lock Protects Motorcycle.

This rig, writes Ivan J. Stretten, of Detroit, will both lock a motorcycle and prevent it from rolling off the stand. The slot in the arm lets you stow the arm in the tool box when it's not in use.

**8. Clamp Added to Light.** A spring clamp of the kind used on photographic lights lets you clip a trouble-shooting lamp in practically any desired position. H. Zave, of Chicago, makes the suggestion.



*Gus Wilson*