

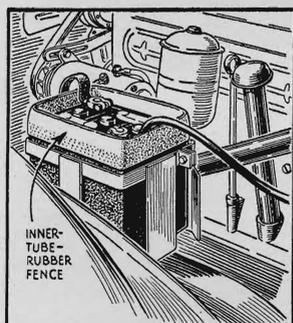
# Tricks for Motorists

## Extension for Electric Drill Helps in Close Work



A LONG extension for an electric drill is often handy when installing radios or heaters, or doing other work around an automobile. The extension I use was made from a half-inch, cold-rolled steel rod about thirty-six inches long. One end fits into the regular drill chuck, while the other is threaded to take a second chuck that can be purchased at little expense at almost any hardware store. By using this extension, I can drill in confined quarters with little danger of damaging wiring or other delicate parts.—W. A. S.

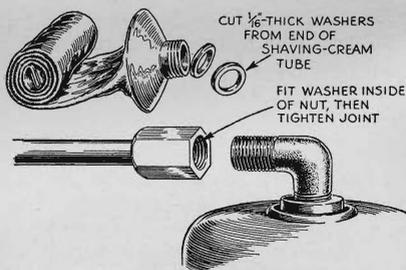
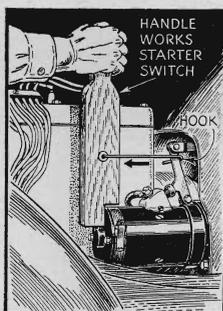
## Rubber Fence on Battery Top Keeps Acid from Spreading



ON LATE-MODEL automobiles that have their batteries underneath the hood, any possible damage to wiring and metal parts can be prevented by stretching a section of inner tube two inches wide around the top edge of the battery. This keeps acid from spreading if the battery is overfilled.—E. J. C.

## Starter Handle Is Used in Motor-Testing Jobs

TO START a car when testing or adjusting the engine, the wooden handle shown at the right is convenient. Resting on the starter motor, the handle carries a wire rod that hooks around the starter-pedal arm. By pulling back the handle, which can be reached from either side of the engine, the starter is made to operate.—F. G.



## Shaving-Cream Tube Yields Pipe Washer

I FIXED a leak at a fuel-line connection in my car by fitting inside of the nut a 1/16" washer cut from the tip of a shaving-cream tube. Because this washer is soft, it spreads when the nut is tightened and forms a good seat. The same stunt can be used to advantage in oil-line connections and other places where a leakproof pipe joint is needed.—R. B.

*"I certainly am  
**NOT** loafing"*

**ME LOAFING?** I should say not! When Susan called, I was merely deep in thought. "I know I am supposed to polish the car," I said. "But, Susan, you do not understand. I have been lying here inventing a new and easier method for polishing autos."



"**WELL**, you can stop inventing right now," said Susan, pointing to the No. 7 Polish ad in my magazine. "Somebody beat you to it. And if this polish is as easy to use as everybody says it is, even you can shine the car quickly. Now get going!"

**SOON AFTER**, Susan stuck her head out the window and shouted: "Stop gawking at the neighbors' new car and get that polish!" "But, Susan," I replied, "this is our car. It was so easy polishing it with No. 7 I think I'll go into the car-polishing business!"



**DU PONT  
No. 7 POLISH**

made by the makers  
of DUCO\* and DULUX\*  
\* Reg. U. S. Pat. Off.

**WANT A SAMPLE?**

DU PONT CO., Dept. 4-SP, Wilmington, Del.  
Please send me a sample of the improved No. 7 Polish—enough for hood and fenders. I enclose 6¢ to help cover mailing costs.

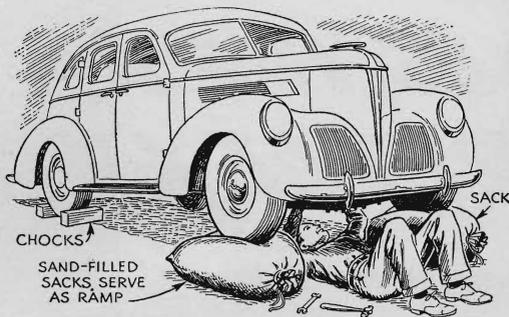
Name \_\_\_\_\_

Address \_\_\_\_\_

City & State \_\_\_\_\_

*Offer good in U. S. only*

**WINDSHIELD AND TOP MOULDING LEAKS** stopped quickly and securely with DU PONT TOP SEALER. Good for rear window leaks, too.

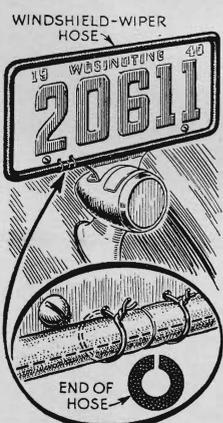
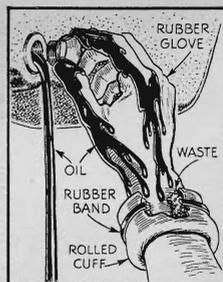


**Sandbags Form a Ramp  
For Lifting End of Car**

WHEN I want to do repair work under the front end on my car, I get extra working space by running the front wheels up on sacks filled with sand. I find that this method is easier, quicker, and safer than raising the car on jacks. Chocks placed under the rear wheels, as illustrated, keep the car from rolling off the improvised ramp.—R. A.

**Gloves Keep Oil off Arms**

TO PROTECT my hands and arms when working around the car, especially when draining the oil, I wear a pair of long rubber gloves, with the cuffs turned up and stuffed with old rags or cotton waste. A rubber band holds the cuffs in place, so that oil does not run off the gloves onto my arms but is absorbed by the material in the cuffs, which can be thrown away.—W. L. G.



**Rattleproof  
Plate Frame**

A RATTLEPROOF and rustproof license-plate frame can be made from windshield-wiper hose. Split the hose with a vise-held jack-knife, and stretch it around the plate rim, fastening the ends with fine wire, as illustrated in the drawings reproduced at the left.—L. J. Van D.

SOME SMOKERS THINK IT'S  
**FIERCE!**



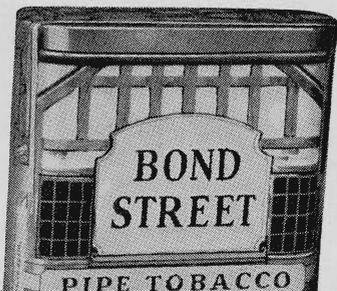
Others *know* there's no tobacco on earth that equals this truly AROMATIC pipe mixture

Some people don't like anything *new*. Here's such a new, *different* smoking-experience that some men don't like it. But thousands won't touch any tobacco but Bond Street.

Bond Street's like expensive custom-blends in flavor, fragrance, bite-free coolness. Contains *rare aromatic tobacco never before used in a popular price mixture*. Even women approve its aroma.

In fairness to yourself, get a 15¢ tin — today!

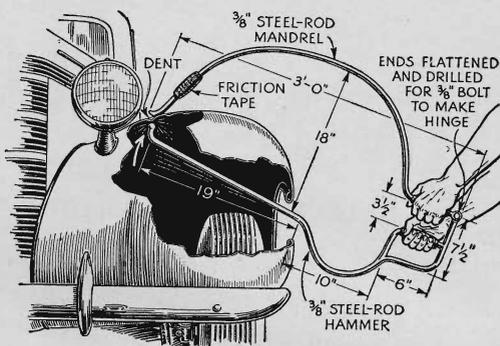
**15¢**



Today—try a tin of  
**BOND STREET**  
Pipe Tobacco

A Product of PHILIP MORRIS

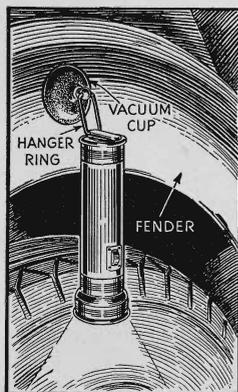
## Fender Tool Combines Hammer and Mandrel



WITH the pecking hammer generally used to smooth out small dents in a damaged car fender, a repairman must hit the low spots solely by his sense of touch, making the process slow, tedious, and unsatisfactory. To make this job easier, I devised a tool made of 3/8" steel rods, with one end of each flattened and drilled so that the two may be bolted together to make a hinge on which the lower piece can swing. The open end of the upper section, or mandrel, is ground to a flat curve and receives the point of the lower or hammer section, which is ground into a ball shape. Both rods are bent to clear the fender edges. In use, the tip of the mandrel is held at the edge of a dent, and the hammer brought up sharply against the underside by using the built-in hand holds indicated in the sketch. I have used the tool in a wide variety of fender repairs, and it always did a first-class job.—C. N.

## Vacuum Cup Holds Light

A RUBBER vacuum cup attached to the hanger ring of the flash light you keep in your car will increase the light's usefulness. When changing a tire at night, for example, you can throw the light right onto the work by attaching the vacuum cup to the fender above the wheel. In the same way, it may be fastened to illuminate the motor or the trunk compartment, or any other spot where light is needed.—E. F.



Please mention POPULAR SCIENCE when writing to advertisers.