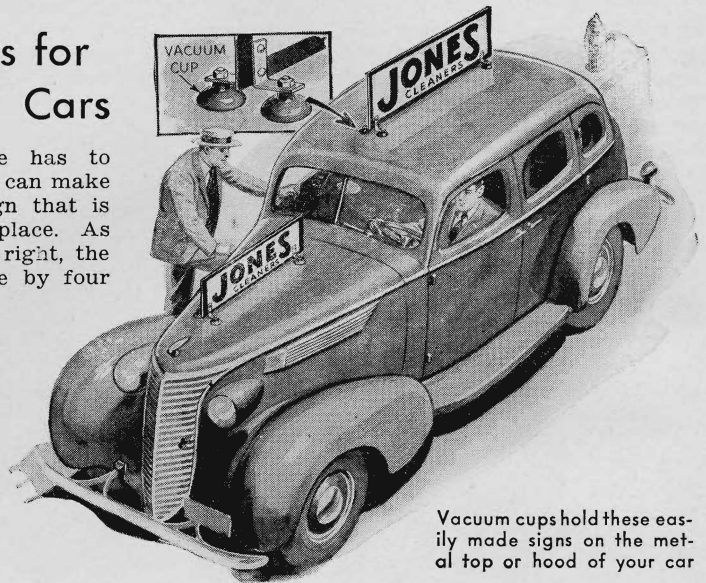


Stunts for Car Owners

Removable Signs for Business-Pleasure Cars

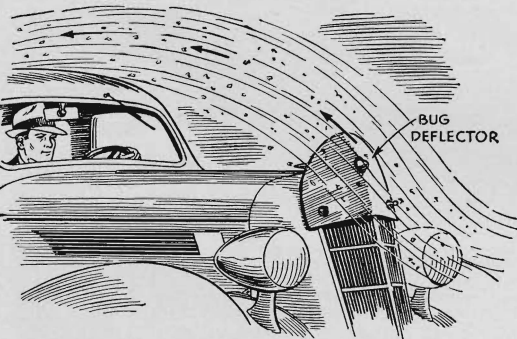
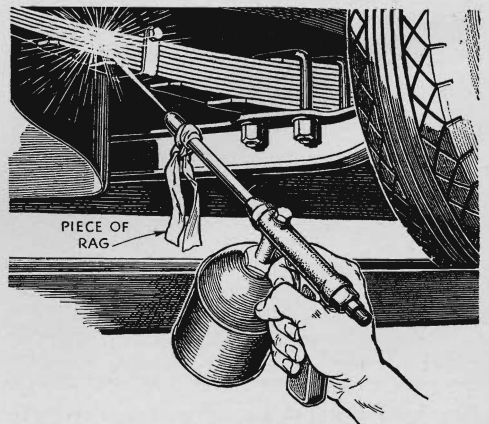
IF YOUR family automobile has to double as a business car, you can make an inexpensive advertising sign that is easy to remove or put into place. As shown in the drawings at the right, the advertisement is held in place by four vacuum cups bolted to angle irons which in turn are riveted to the rectangle of sheet metal that forms the painted sign. The signs can be stuck to the metal top of your car or to the hood. For best results the vacuum cups should be moistened before they are pressed into place. If the sign is parallel to the center line of the car, the effect of wind resistance is negligible.—A. H. W.



Vacuum cups hold these easily made signs on the metal top or hood of your car

Rag on Oil-Gun Nozzle Collects Drippings

PRESSURE-TYPE oil-spray guns sometimes have an annoying way of collecting oil around the nozzle. The oil runs down the barrel of the gun to the reservoir, making the tool messy and slippery to handle. I solved the problem by tying a piece of rag around the barrel of the gun just below the nozzle. It acts like a wick to soak up the oil and keep it from running any farther back toward the reservoir.—S. R.



Homemade Bug Deflector Keeps Windshield Clean

BUGS can be more than just something to slap at when you're out driving in warm weather. They can dirty up a car's windshield in no time, particularly at night. I cut a bug shield out of sheet metal, shaped as shown, and fastened it on the radiator grille of my car, extending about four inches above its top—not high enough to interfere with road visibility. Bugs that strike it are deflected, and the flow of air it creates turns aside many more that would otherwise hit the windshield. The deflector can be removed when it is not needed.—R. B.

"Sure Keeps Models RUNNING FINE!"

NEEDS JUST A FEW DROPS



MOBIL HANDY OIL

A light, penetrating, non-gumming oil that is excellent for scale models. Lubricates all electric appliances, sewing and washing machines, bicycles, toys. Fine for automobile generators. Prevents rust. Convenient wall bracket free with every can.



QUIETS CAR ENGINES

MOBIL UPPERLUBE

Add to your gasoline—reaches the engine as a vapor. Protects upper cylinder walls, piston rings and valve stems from internal rust and scuffing wear. Reduces carbon.

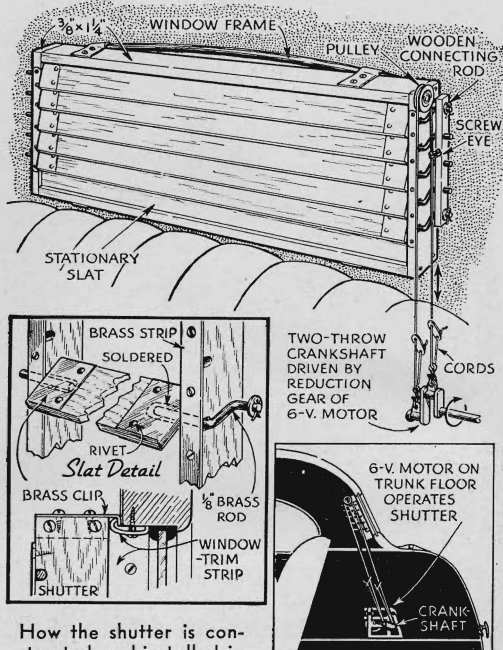
Buy where you buy Mobiloil or Mobilgas

Mobil Specialties

MOBILGLOSS · MOBILWAX · MOBIL STOP-LEAK
MOBIL HANDY OIL · MOBIL RADIATOR FLUSH
MOBIL WINDOW SPRAY · MOBIL UPPERLUBE
MOBIL HYDROTONE · MOBIL SPOT REMOVER



BY THE MAKERS OF MOBIL OIL



How the shutter is constructed and installed in the rear-window frame

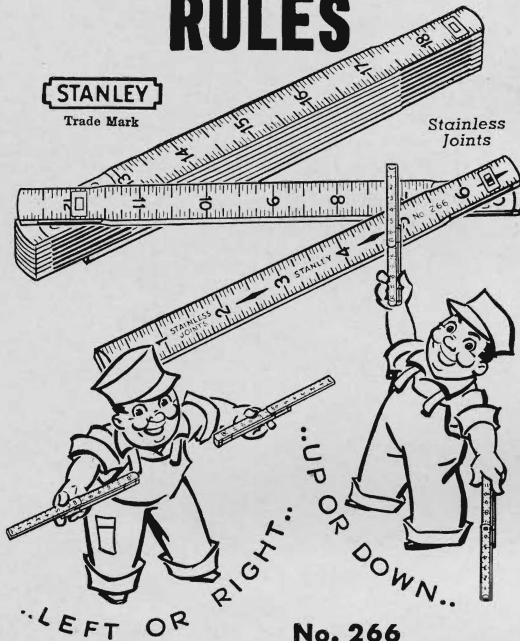
Rear Car-Window Shutter Operates Electrically

TO BLOCK OUT distracting sunlight in the daytime, or the headlights of following cars at night, I built the electrically operated rear-window shutter illustrated above, which is controlled by a button near the driver's seat. Three-eighths by 1 1/4-inch material was used for a wood framework that was clamped to the window frame. Venetian-blind slats serve as shutters. At the end of each slat I attached a brass clip having a 1/8-inch crank soldered to it. Notches were made in the frame, the slats laid in, and a brass strip screwed on the frame edge to hold the slats in place. A wooden connecting rod ties all the slat cranks together, making them all act as one. Cords fastened to the center of this connecting rod lead to a motor installed in the car trunk compartment directly below the rear window. I used an old six-volt motor and reduction gear once employed to operate a furnace damper. The cords are attached to a double crank connected to the reduction gear. Bowsers on the cords serve to take up the slack. Pressing a dashboard push button starts the motor, and the shutter slats can be stopped at any position by releasing the control button at the proper moment, as they keep opening and closing as long as the push button is held down.—F. R. S.

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EASY TO READ

RULES



No. 266

Stanley "Zig-Zag" Rule
With Vertical Figures
Easiest of all folding rules
to read. 6 foot.

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The two rules shown here are outstanding in that they combine finest quality with an unmatched ease of reading. They are but two of scores of practical Stanley Rules all described in Stanley Tool Catalog No. 34. Write for your free copy.

No. 6386

Stanley "Pull-Push" Rule
Direct Reading

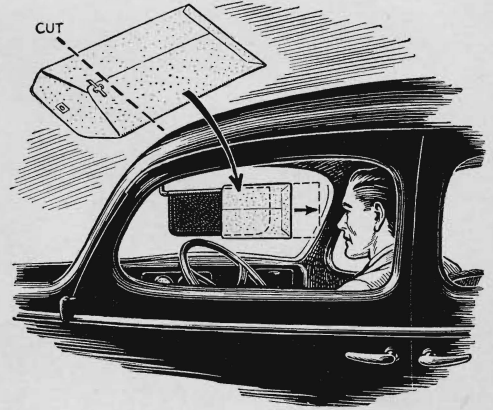
Black and white blade—you can almost read it in the dark. 6 ft. flexible-rigid blade

Red indicator on case points to exact inside measurement . . . no guesswork.



STANLEY TOOLS

Division of The Stanley Works, 106 Elm St., New Britain, Conn.



Mailing Envelope Makes Sunshade Extension

WHEN driving at an oblique angle toward the sun, so that its rays streamed in the side window, I found that the sunshade on my car, when swung into position, was not long enough to shield my eyes. This meant that I had to lean forward in an uncomfortable position to avoid the sun. To overcome this, I lengthened the shade by cutting out a paper sleeve from one end of a mailing envelope. This is slipped over the end of the sunshade so that it may be pulled out as an extension to the right length for keeping the sun off my face. When not needed, the extension telescopes back over the sunshade, where it is inconspicuous and does not interfere with the regular use of the device, and at the same time is ready for service.—W. C. L.

Split Stick Retrieves Bolts Dropped in Pan

SOMETIMES the simplest ways to do things around a car are the last ones thought of.

I've often struggled to retrieve a bolt or nut that dropped beside the motor of my car, but recently I stumbled on an easy and effective method. Merely split the end of a twig and use it as a long-handled clothespin to grab and lift the elusive part, as shown in the drawing at the left.—L. M.

