

"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.

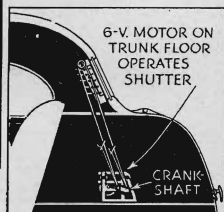
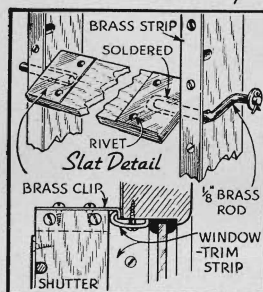
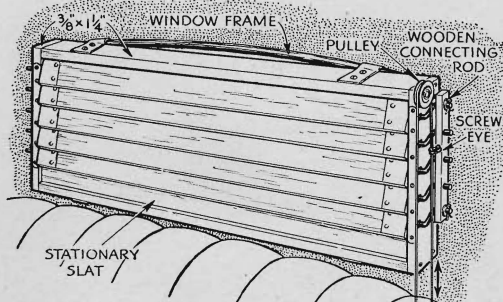
Buy where you buy Mobiloil or Mobilgas

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. Bowlers 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.