# Hints for the Motorist

### Mirror and Headlamp Make Shaving Easy

CAMPERS and automobile tourists who sometimes have to shave at night without adequate lighting can save themselves an ordeal by attaching a small rear-view mirror of the inexpensive auxiliary type to one of the car headlamps by its rubber suction cup. The correct position for the mirror is in a line between the bulb and the shaver's eyes, so that the shadow of the mirror falls across his eyes and allows him to see, while the headlight illuminates his face.—D.S.

### Using an Old Grease Gun on a New Car

How can I grease my car, which has new-style hydraulic fittings, with a grease gun made for the old-style fitting? That problem stumped me until I tried putting an old-style fitting on the end of the gun and then using it in the normal way. The bottom of the old fitting makes a perfect union over the top of the hydraulic fitting. —F.S.



An old-type fitting is attached to the gun nozzle

### Glove Is Case for Small Tools

THE SMALL tools that I keep in the dashboard compartment always rattled against each other until I hit on the idea of stowing them in the fingers of an old leather glove. The glove keeps them together, but prevents metal-to-metal contact.—H. J.

### Jack Makes Adjustable Stool

FOR motorists doing body or fender repair work, a handy adjustable-height seat for use while working can be made from a junked screw-type auto jack. Make the seat by upholstering a wooden disk. Then weld a metal plate to the top of the jack and fasten it to the bottom of the disk with wood screws. A stool like that pictured at the left may be extended so that the seat is ten inches from the ground at its lowest position and twenty-three inches at its highest. Adjusted to the proper height for the work in hand, it gives added comfort and efficiency.—A.M.



Adjustable for height, this homemade stool is handy for body and fender repair work



#### POPULAR SCIENCE

OIL THAT MAKES Models Hum!



### **MOBIL HANDY OIL**

Home craftsmen praise this light, penetrating oil. It's nongumming—fine for electrical appliances, sewing and washing machines, bicycles, toys. Use it in your car generator. Free wall clip with every can.



## Makes Your Engine SMOOTHER, QUIETER!

Mobil Upperlube, added to gasoline, reaches your engine as a vapor.Its special ingredient clings to upper cylinders, piston rings and valve stems—protects against rust and wear; reduces carbon.

Your engine runs more quietly, powerfully.

### MOBIL UPPERLUBE

Buy where you buy Mobiloil or Mobilgas



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



### Reflectors on Tool Box Give Safety at Night

WHILE changing a tire on an unlighted road some dark night, you can be sure that approaching motorists are warned of your presence by fitting out your tool box with a few red-glass reflector buttons of the type used for road markers and bicycle "tail lights." Fasten a row of them on the side of the box, and another row on the top, as shown below.—J.M.



Safety buttons reflect lights of approaching cars

### Paint on Clock's Hands Makes It Easy to Read

BECAUSE of reflections from its convex glass front and its shiny chromium face, the dashboard clock on my car was often difficult to read without taking my eyes off the road for too long a time. To overcome this, I painted the tips of the hands a brilliant red.—F.A.



Painting arrow-type clock hands a brilliant red POPULAR SCIENCE

Mobil

Upperlube

ONY-VACU



HERE'S the way many car owners do it every year! They put in a couple of quarts of Du Pont "Zerone" early in the season for protection against rusting and sudden cold snaps.

When winter gets down to business, they add enough "Zerone" anti-rust anti-freeze to protect to lower temperatures. A total of 6 quarts, put in as needed, can protect a car with an average size cooling system (15 quarts) for the entire winter. And 6 quarts of "Zerone" cost only \$1.50! You may need a little more or less, depending

You may need a little more or less, depending on the condition and capacity of your car radiator and the severity of winter in your neighborhood. But you can be sure that the unusual efficiency of Du Pont "Zerone" will save you real money. "Zerone" in a clean

"Zerone" in a clean cooling system prevents rust and corrosion, gives better dissipation of engine heat, avoids power losses. Put some in today! It's only \$1.00 a gallon, 25¢ a quart.

THE \$100 BRAND

OUPOND ONLY \$1 A GALLON

Anti-Rust ANTI-FREEZE



### Curtains Cover Windows When Car Is Washed

IN ORDER to prevent water from running down inside the doors when an automobile is being washed, I have found that it is a good idea to fasten pieces of oilcloth or canvas over the windows, as illustrated above. The strips are held in place by being pinched between the top of the frame and the top of the window. Cut the pieces slightly larger than the window so that the edges will overlap.—C.H.



### Radiator Winter Front Made from Bug Screen

A FEW simple changes will transform a radiator bug screen into a winter front for cold-weather use. Cut out a piece of leatherette to the exact outline of the screen, and then join the two with paper rivets or other fasteners, with the screen facing out. Cut holes in the lining to allow for the regular screen fasteners to extend through. The lining may be folded down part way if it is desirable to leave the radiator grille partially open.—A.C.N.

POPULAR SCIENCE