

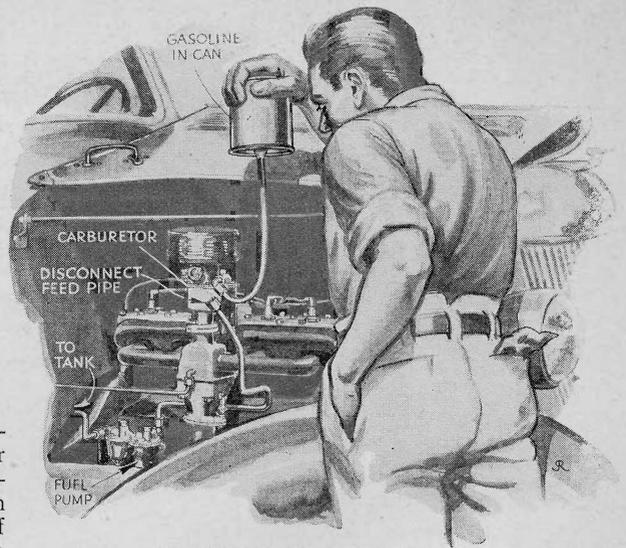
Tricks to Help MOTORISTS

THESE SUGGESTIONS FROM READERS
MAY SAVE YOU TIME AND MONEY

Test Tank Locates Fuel-Line Troubles

FUEL-SYSTEM troubles can be located easily with an auxiliary gasoline reservoir consisting of a tin can and a length of copper tubing fitted with a gas-line coupling. In use, the gasoline-filled can is connected first to the carburetor in place of the regular line. If the motor fails to start, it shows

that the carburetor is causing the trouble. If the motor starts, the trouble is elsewhere, and the can is then connected to other parts of the fuel system until the trouble is found.—H. A.



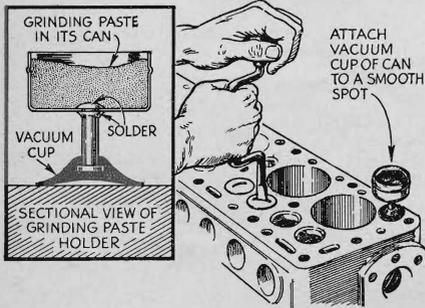
Testing a carburetor with an auxiliary fuel tank consisting of a tin can and a tube fitted with a gas-line coupler

Automatic Seat Prop for Two-Door Sedans



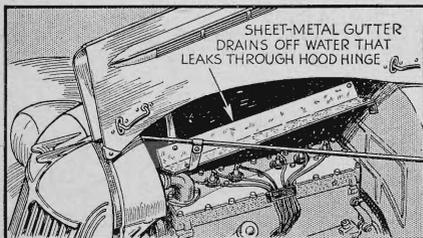
How the prop holds the front seat up to allow easy access to the rear of a two-door sedan

TO ELIMINATE the bother of holding the front seat up when passengers are entering the rear of my two-door sedan, I bolted a hardwood prop to the outside, rear leg of the seat, as shown at the left. When the seat is raised, the prop automatically slides into position, while a tap with the foot slips it forward and allows the seat to drop into riding position.—H. S.



Can With Suction Cup Holds Valve Compound

WHEN SURFACING valves, it is often difficult to know what to do with the container of grinding compound. In the kink illustrated above, the can is provided with a suction cup that allows it to be fastened to any flat surface on the motor. The suction cup can be mounted on the bottom of the can with a short bolt, or by means of a length of tubing or drill rod soldered in place.—A. H. W.

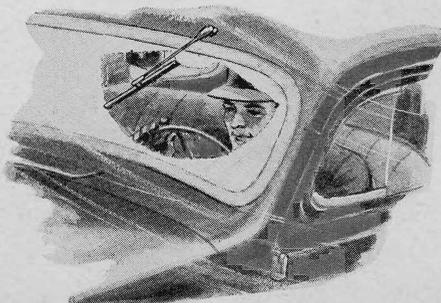


Water Drain Under Hood Protects Top of Motor

ON CARS having center-hinge hoods, water is very likely to drip down over the motor during heavy rain storms. The spark plugs and ignition wires can be protected, however, by installing a V-shaped, sheet-metal trough to catch the water, as indicated at the left.—E. R. W.

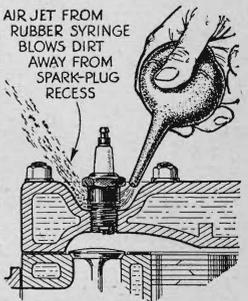
Windshield Wiper Shows Motor Efficiency

BECAUSE most windshield wipers are operated by the vacuum created in the intake manifold, they provide an excellent indication of just how efficiently the motor is operating. By watching them during rainy weather, and feeding the gasoline in such a way that they always operate at close to top speed, you can train yourself into good fuel-saving habits. Maximum gasoline mileage is obtained when the vacuum in the intake manifold is not decreased to a point where it materially affects the speed of the wiper.—W. T. M.

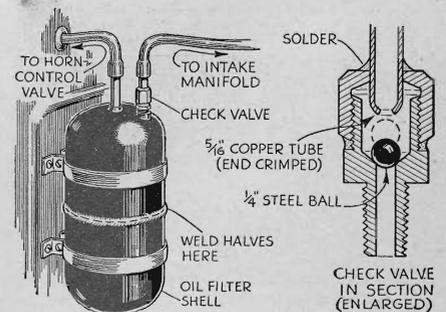


Syringe Removes Dirt from Spark-Plug Bases

IF SPARK plugs are unscrewed without first removing the dirt that collects around their bases, there is danger that the grime will drop down into the cylinders. As a precaution, I unscrew each plug a few turns and then blow the collected dirt away with an old ear syringe.—P. E. V.



An ear syringe proves a handy cleaning tool for removing the dirt around spark plugs



Vacuum Tank for Horn

AFTER installing an inexpensive vacuum horn on my car recently, I found that it would not operate when the car was accelerated. Deciding that a vacuum-storage tank was necessary, I made one from an oil-filter shell, with a compression connector and a ball bearing as a valve.—J. D. D.