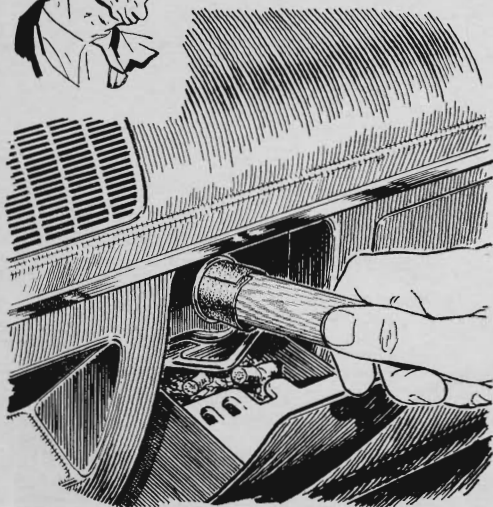
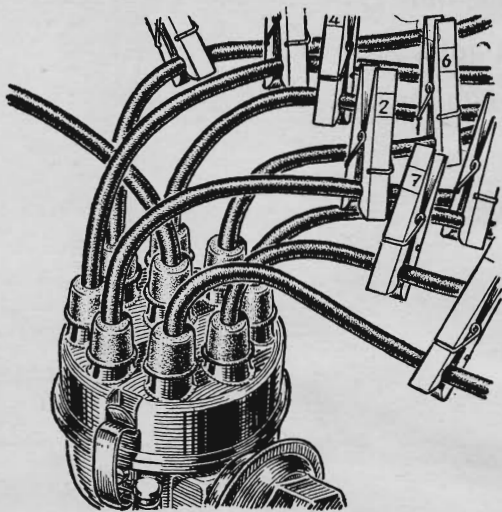




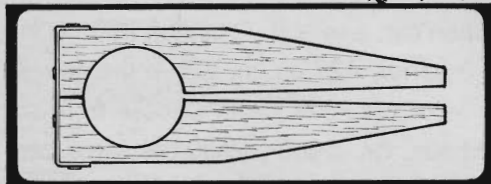
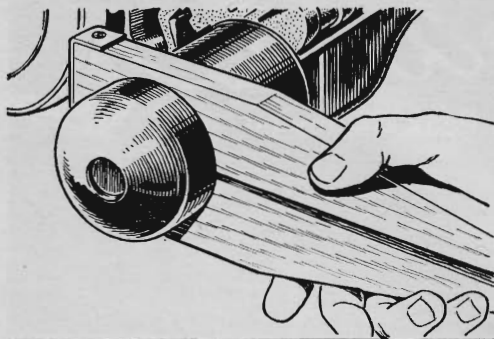
# Hints from the Model Garage



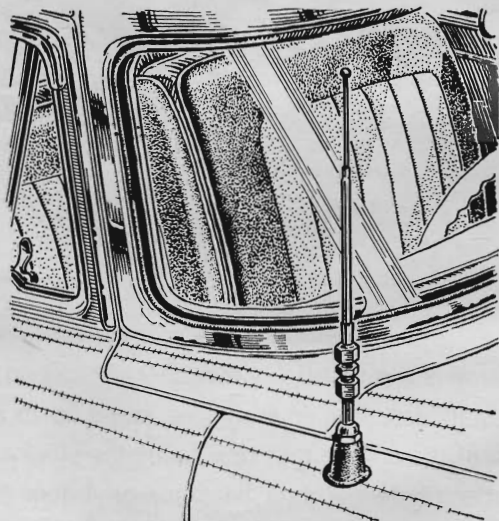
Cigarette-lighter problems often are caused by a poor ground between lighter and dash. To tighten the electrical connection, taper one end of a 6" piece of broomstick, wrap in emery paper for a snug fit in the lighter casing, and twist the casing.



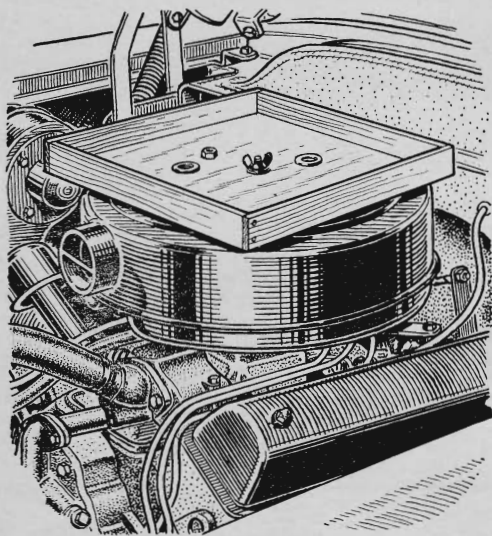
To keep from mixing up spark-plug leads, clip a numbered clothespin to each lead before removing it. Also, mark the number-one terminal on the distributor. With leads numbered according to firing order, it's an easy job to replace them properly.



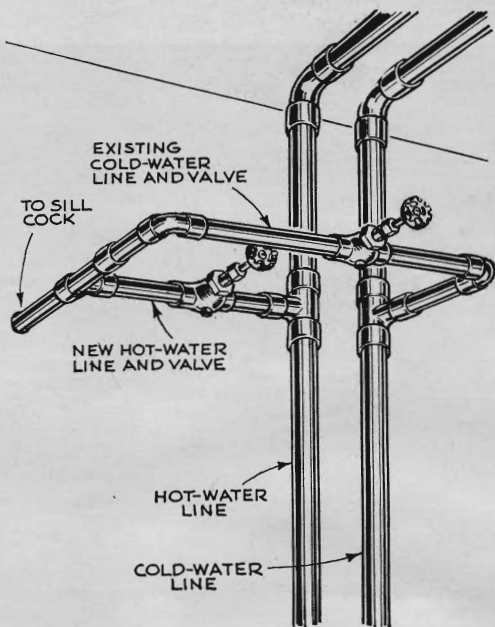
Can't unscrew your oil filter by hand? Make a wrench from two pieces of  $\frac{3}{4}$ " board, each 16" by 2 $\frac{1}{2}$ ". Cut a hole between the two halves  $\frac{1}{8}$ " smaller than the diameter of the filter. Attach halves with four nails and a strip from a tin can.



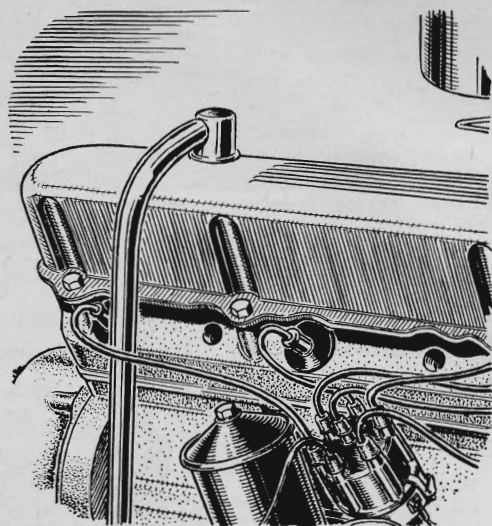
A broken aerial needn't be replaced. Fix it with a compression coupling of the type used to join copper lines. You'll get a permanent repair without soldering or flaring the aerial ends. The  $\frac{3}{8}$ " connector is just right for most aerials.



Keep tools and parts handy in a small tray made of wood scraps when you work under the hood. Drill a hole in the center to accept the air-cleaner bolt; fasten with the original wingnut. This works fine—except when the carb needs attention.



When washing your car in wintertime, the water can get numbingly cold if your garage has only a cold-water line. By connecting a hot-water line from the basement you can have warm water. A shutoff valve lets you turn off hot water in the summer.



An engine that wouldn't crank fast enough to start because of cold—this was one reader's problem. He removed every other spark plug to gain cranking speed. The engine started, soon warmed up. He shut it off, replaced the plugs, restarted easily.



If you've mislaid your ice scraper, an ice-covered windshield isn't the most pleasant sight to see first thing in the morning. Look around the house for a spare electric-outlet cover; it makes an effective and nonscratching substitute.