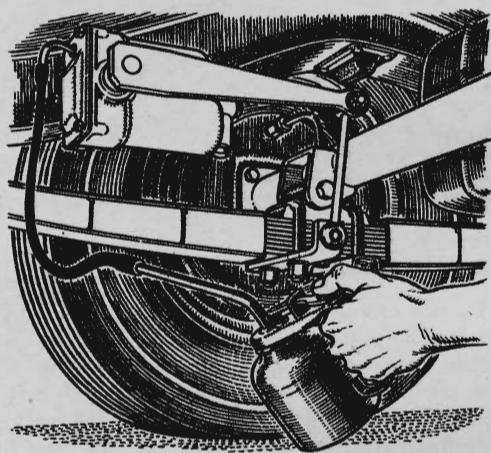
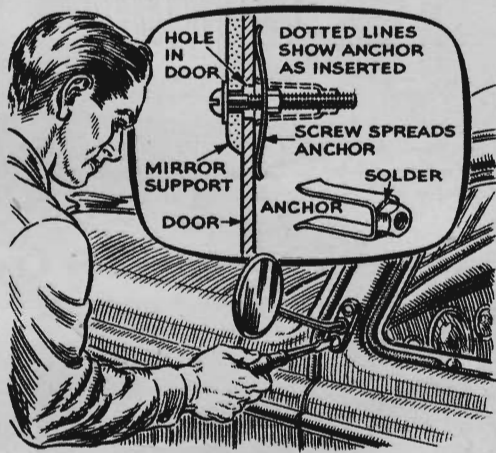


Jeep Engine Kept Dry. David Horvath, of Yonkers, N. Y., writes that he frequently had trouble starting his Jeep because water and snow collected around the spark plugs and on the battery and wiring. This sketch shows how he waterproofed the en-

gine for less than 75 cents. The openings between the hood and mud guards were closed with $\frac{3}{4}$ " by $1\frac{1}{2}$ " wood strips, fastened to the mud guards with wood screws. A length of weather strip diverts water flowing from the cowl. A blow-out boot protects the battery.



Shocks Filled with Oil Can. Here's a rig that will enable you to refill shock absorbers without difficulty when the filler plug is located in a hard-to-reach spot. Suggested by Marion L. Rhodes, of Knightstown, Ind., it consists of a pump-type oil can, a length of rubber tubing, and a small nozzle bent from copper tubing. With the nozzle inserted, a few strokes on the pump handle will quickly refill the shock.



Toggle Nut Holds Mirror. When the original self-threading metal screw tore loose, B. Leo DeMare, of Aberdeen, Md., devised the nut shown above to fasten a rear-view mirror to his car. A nut first was filed down slightly to clear a hole in the door frame. A strip of sheet brass was drilled, soldered to the nut and bent into a U. The nut and anchor were threaded on the bolt, inserted in the hole, and drawn up tight.