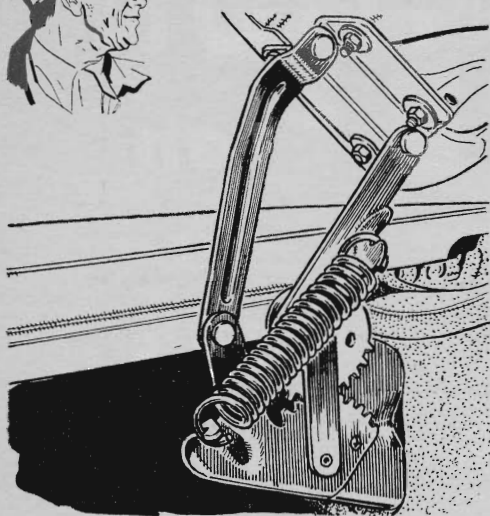
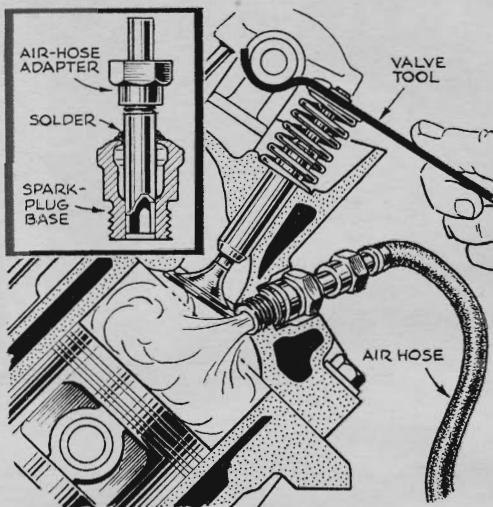




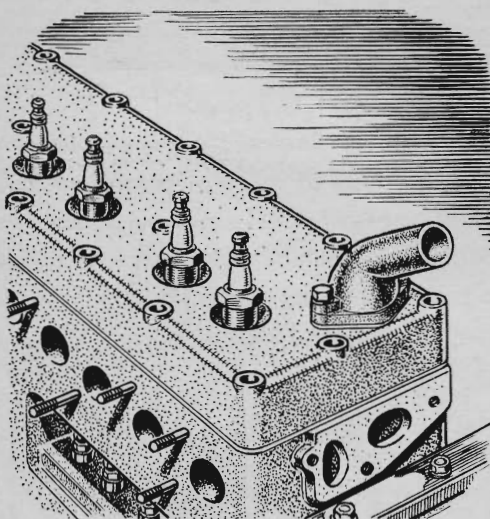
# Hints from the Model Garage



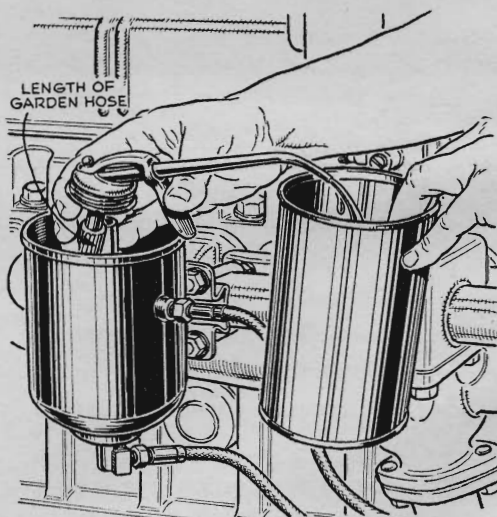
Check the position of hood springs before you unfasten them to remove the hood for major engine work. Reversing the direction of the spring hooks may prevent the hood from lining up properly with the cowl and fenders when you remount it.



To change OHV springs easily, one mechanic does this: He screws an air hose into the spark-plug hole, using an old spark-plug base as an adapter. The valve is kept from moving into the cylinder by 80-100 p.s.i. Unplug the oil pan, set piston at TDC.

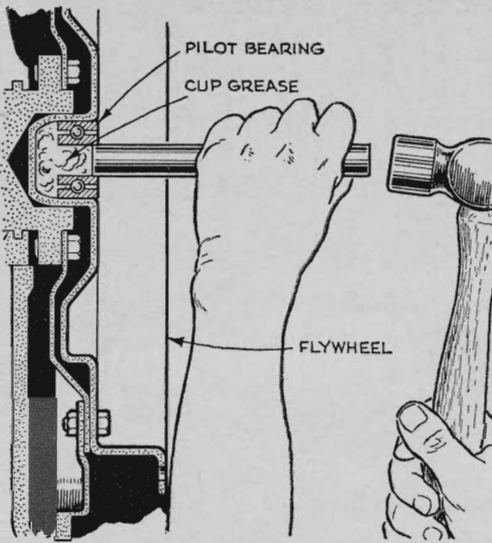


To free a cylinder head that's "frozen" to the block, try this easy trick: After you have removed all retaining nuts and bolts, engage the starter. This will build up sufficient compression to loosen and lift the head and save you a struggle.

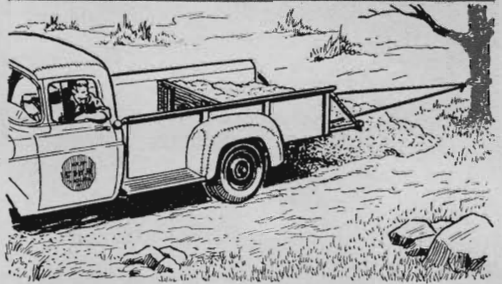
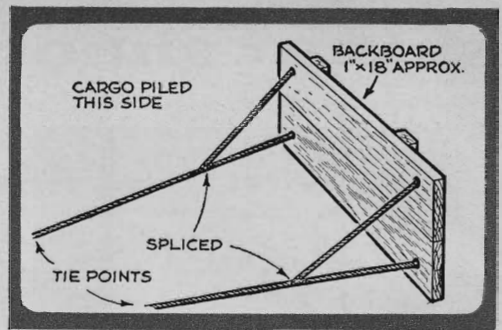


Changing an oil-filter cartridge gets messy when it's time to drain dirty oil from the filter case. A neat way: Pump out the oil with a plunger from an oil squirt can connected to a piece of old garden hose. Tape the plunger shaft for a good seal.

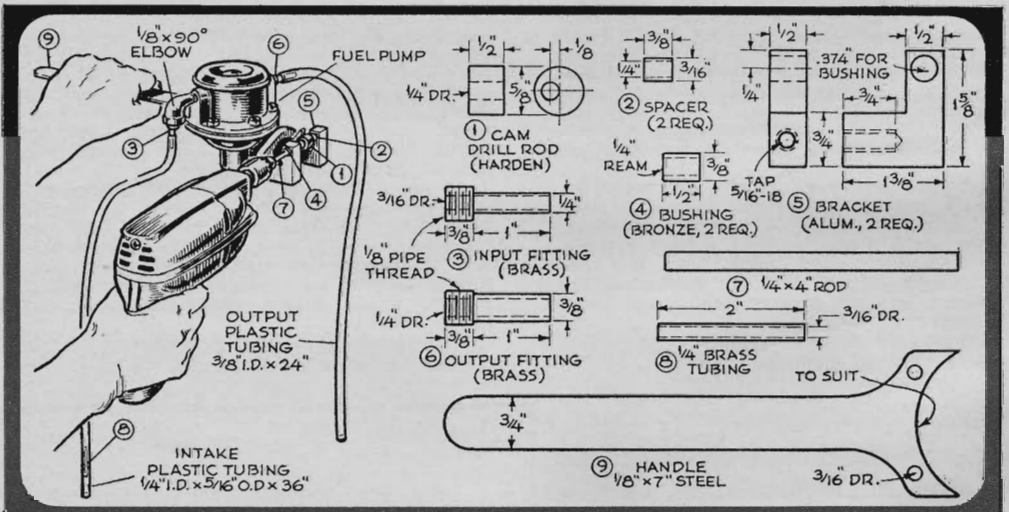
## More Hints from the Model Garage



Always replace the pilot bearing when you do a clutch job. To remove the bearing, fill its hole with cup grease. Insert a rod of the same diameter as the main shaft into the hole and tap it in with a hammer. Hydraulic pressure forces out the bearing.



Unloading a pickup truck is easy with this dump bridle. Cut a wooden backboard the width of the pickup bed and place it behind the cab. Then tie a bridle as shown. To dump, secure bridle to a tree or other anchor. Drive forward to empty bed.



Drain crankcase oil from the top? One mechanic with a flair for machine work does it with the outfit above. An electric drill drives a converted fuel pump, the input tubing being thrust down the oil-filler or dipstick hole. Quarter-inch brass tubing

inserted into the end of the intake line acts as a weight to hold the line down. The 1/8" steel handle is convenient for steadying the pump. Adapt the drill with rod, bushings, cam drill rod, spacers, and brackets as shown in the diagram above.