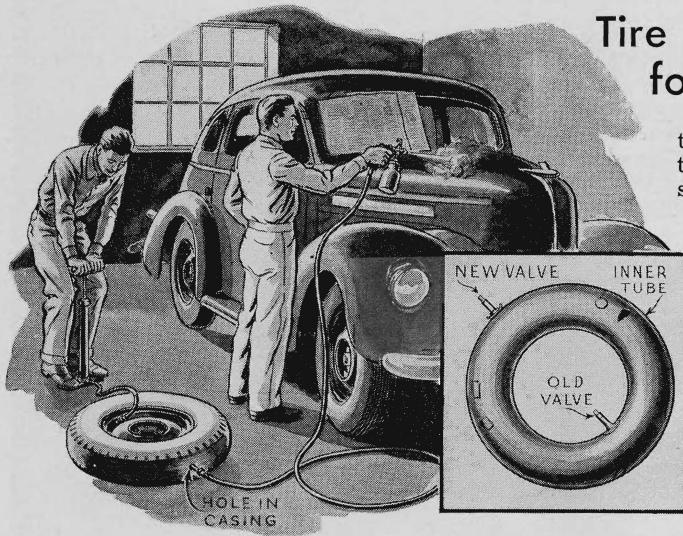


Seven New Tips



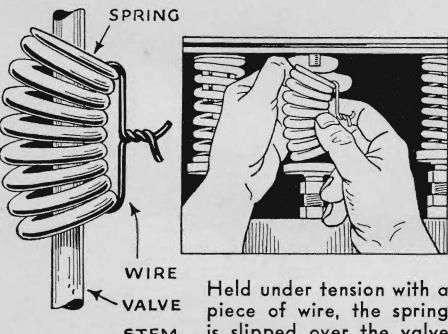
How an old tire can serve as an air reservoir for your spray gun

Tire Compresses Air for Spray Gun

MAKE a hole in the top centers of an old inner tube and tire casing, and insert a valve stem minus its valve in the tube. Mount the tube and casing on a spare wheel. By connecting your spray gun to the new valve stem, and a tire pump to the old one, you've got an efficient compressor for paint-spray jobs on your car, or for other jobs for that matter. You can use an assistant, as in the illustration, or pump up a supply yourself and then go to work with the spray gun.—P. M.

Automobile Door Straps Safeguard Children

IT'S hard to keep youngsters in the back seat from opening the rear doors while a car is in motion. I solved the difficulty by fashioning a leather strap as shown in the sketches below. A hole at one end of the strap fits permanently over the door handle. To the other end of the strap a metal ring is securely sewed. A shorter section of strap fastened to the robe cord has a stiff snap hook which engages the ring to hold the door shut.—H. R.

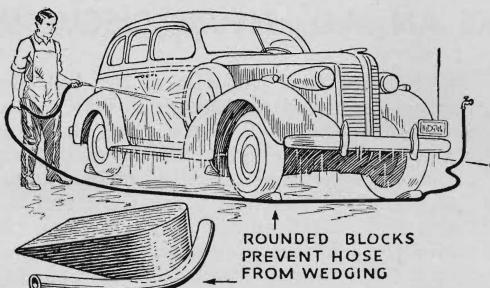


Held under tension with a piece of wire, the spring is slipped over the valve stem, then the wire is cut

Simple Way of Installing New Valve Springs

ON SOME cars, it is possible to install new valve springs without removing the cylinder head and the valves, thus saving time on the job. Cut away the old spring, then compress a new spring in a vise, being careful not to damage it. Run a wire through the spring and bring the ends around so that they may be twisted together to hold the spring when it is removed from the vise. The spring may now be worked under the raised valve stem and up into place, after which the holding wire can be cut and pulled out.—J. W. P.

for Car Owners



Wedges Keep Hose from Snagging Under Tires

UNTIL recently, every time I washed my car, I was annoyed by the way the water hose would catch underneath the wheels as I dragged it around the car. So I contrived the wedges, shown above, from a length of two-by-four lumber, rounding off the edges with a plane. Jamming one under each wheel keeps the hose from getting caught and saves a lot of time otherwise spent in disentangling it.—J. W. P.

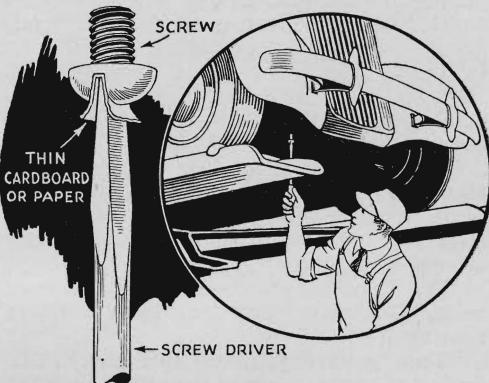


Insulation Cracks Filled with Finger-Nail Polish

COIL failure caused by a crack in the insulation around the high-voltage terminal, as indicated above, allowing the spark to short out on one of the low-voltage terminals, can be cured by the application of finger-nail polish of the lacquer type on the break. My car has run over a year with that "patch up."—A. W. G.

Paper Strip Holds Screw for Easy Starting

WHEN you have trouble starting a screw in an out-of-the-way place with an ordinary screw driver, try cutting a thin strip of cardboard or paper and bending it over the blade of the screw driver. The blade will then form a tight fit in the slot of the screw head so it can be started.—J. W. P.



Broom Handle and Cloth Make Car-Top Duster

TO MAKE a handy car-top duster, take a three-foot length of broom handle in which a groove is cut near one end. Over the same end place several dusting cloths two or three feet square. Bind them tightly in place with a heavy elastic band pressing them into the groove. Now turn the dust cloths back over the bound end of the stick and you've got a handy, scratchless top duster ready for use.—E. L. H.

