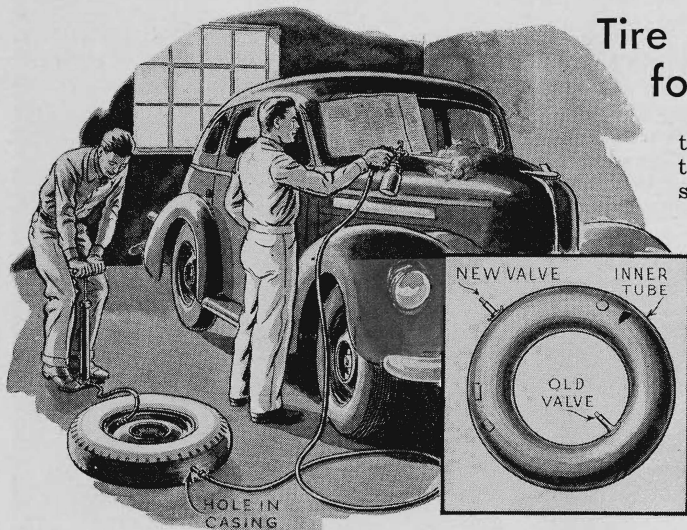


Seven New Tips

Tire Compresses Air for Spray Gun

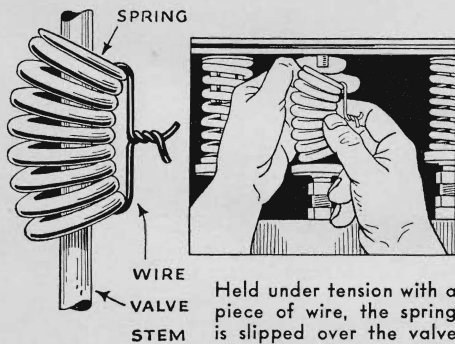


MAKE a hole in the top centers of an old inner tube and tire casing, and insert a valve stem minus its valve in the tube. Mount the tube and casing on a spare wheel. By connecting your spray gun to the new valve stem, and a tire pump to the old one, you've got an efficient compressor for paint-spray 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.

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

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.