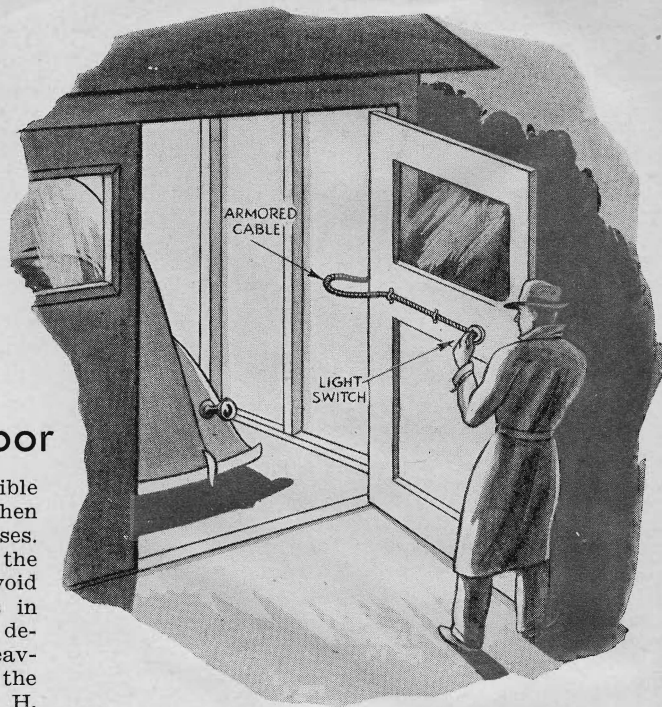


# Auto Ideas

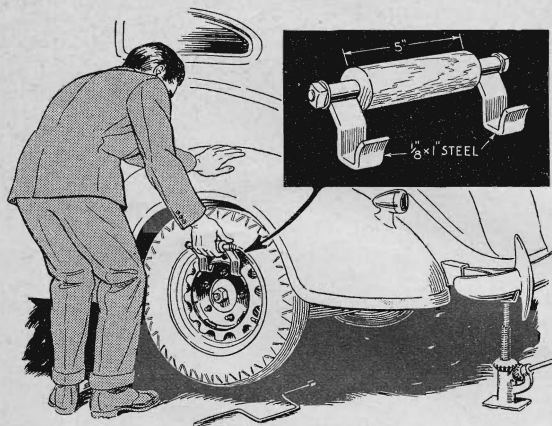
A PAGE OF HANDY KINKS FROM CAR OWNERS THAT WILL SAVE YOU BOTH TIME AND MONEY



## Light Switch Is Mounted on Garage Door

GROPING in the dark for the light switch in a dusty garage is a sure way to ruin a good suit of clothes. To put the switch where it could always be found, even on pitch-black nights, I mounted it on the garage door at about shoulder height. The switch is connected to the lighting circuit with flexible armored cable; a good-sized loop of the cable between the door and wall being provided

to eliminate any possible strain on the wire when the door opens and closes. The cable should be of the weatherproof type to avoid possible short circuits in rainy weather. The device also simplifies leaving the garage after the car is put away.—E. H.

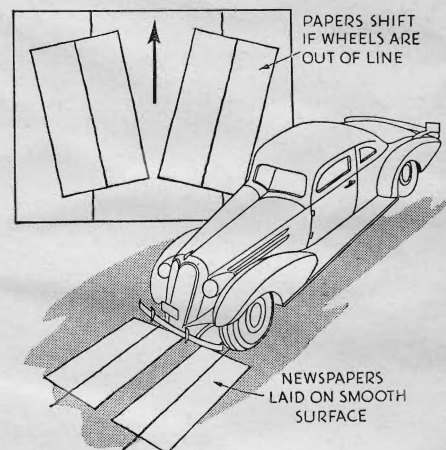


## Handle Aids Changing Tires

A SIMPLE handle like the one being used in the picture above will make it easier to lift a modern pressed-steel wheel into place when changing a tire. It is assembled from a long bolt, two sheet-metal hooks, and a wooden handle.—E. T. G.

## Papers Check Front-Wheel Alignment

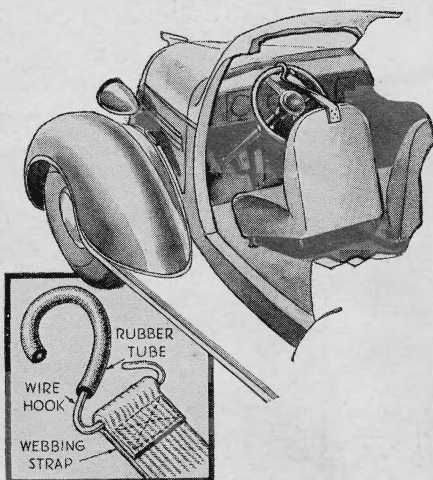
INCORRECT front-wheel alignment, which causes rapid tire wear and shimmy, can be checked by applying the principle of elaborate service-station machines to a pair of newspapers. Place them on a clean, smooth surface, as shown in the illustration at the right, then make chalk marks on the papers and the pavement to indicate their exact positions. Drive the car's front wheels over the sheets, and note if they have moved. If so, it indicates that the toe-in is not correct and the tie rod should be adjusted. Repeated experiment should bring the wheels into alignment.—F. O.



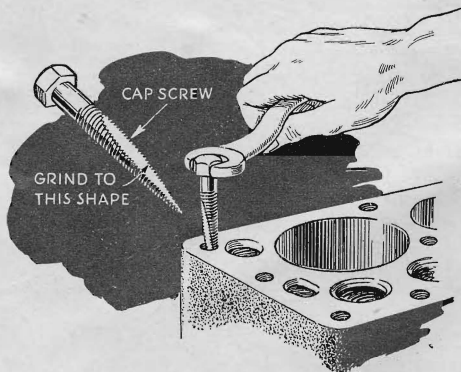
The papers at top moved when car drove over them, showing that the wheels are out of line

## Hook Holds Up Front Seat of Coach

REAR-SEAT passengers can get in and out through the left-hand door of a two-door sedan more conveniently if some means is provided to hold the driver's seat away from the entrance. For this purpose, I use a fabric strap fastened to the back of the front seat. The opposite end is equipped with a heavy wire hook that fits over the steering-wheel rim. To keep it from slipping and marring the surface of the wheel, the hook is covered with rubber tubing. The hook will be found particularly useful by shoppers.—L. V. H.



The driver's seat will remain in a raised position if fitted with a hook and strap



Dirt and corrosion are removed from studs holes of an engine by the use of this homemade device. It consists of a cap screw filed to a long point

## Pointed Bolt Cleans Out Threads

BREAKAGE of cylinder-head studs when they are being replaced after an overhaul job can be eliminated by cleaning out the threaded holes in the cylinder block. Take a bolt or cap screw of the same thread size as the studs, and file or grind it to a long bevel point. When turned into the hole, this reams out all dirt and corrosion that would cause the regular studs to stick and break.—A. H. W.