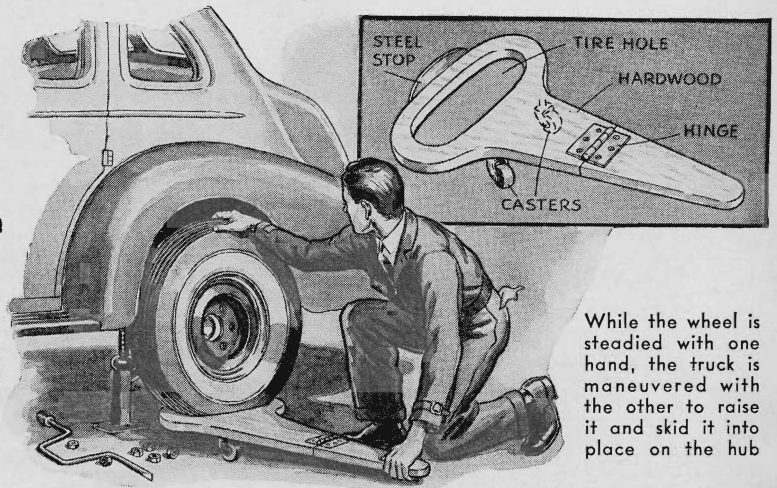


Tricks for Car Owners

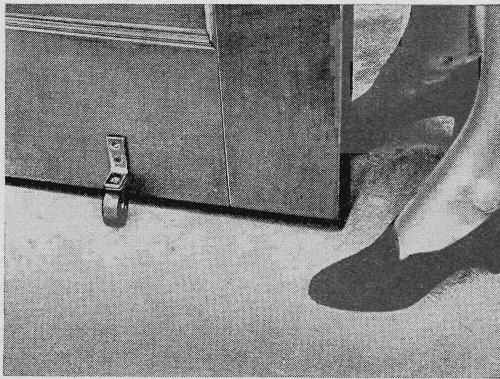


While the wheel is steadied with one hand, the truck is maneuvered with the other to raise it and skid it into place on the hub

Homemade Dolly Helps Put Wheel on Hub

LIFTING automobile wheels and maneuvering them into place on a car hub is made easy by a simple lifter consisting of a piece of hardwood slotted at one end and mounted on caster wheels. When putting on wheel, the lifter is placed close to the hub and the wheel is rolled into the slot. With one hand

steadying the wheel, the other operates the unit's hinged handle to hoist the wheel and skid it into place, the casters acting as pivots. The hinged handle permits the lifter to be folded for easy storage. If storage space is not at a premium, this feature can be omitted, simplifying the construction.—C.H.W.

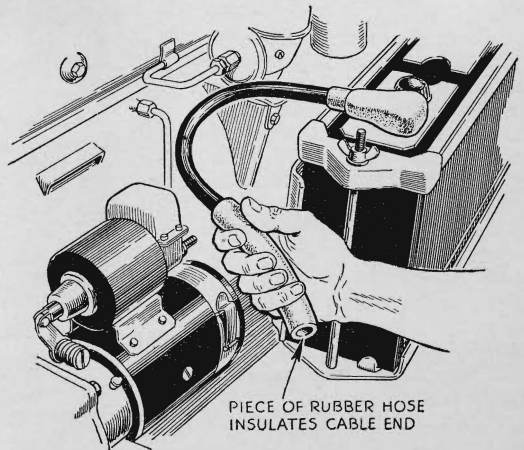


Caster Keeps Garage Door From Scraping the Ground

SAGGING garage doors that scrape along their bottom edges when being opened or closed, are soon pulled out of shape and require replacement. To prevent this, fasten a roller or heavy caster to the bottom of the door to support the door's weight and make it swing more easily. Saw off the caster shaft and bolt or weld the roller to an angle iron, as shown above. Of course, a smooth rolling surface is desirable.—C.E.B.

Rubber Tubing Insulates End of Battery Cable

IN REPAIRING a car starter motor, sparking, caused by the bare end of the battery cable touching some metal part, can be prevented by slipping a short length of rubber hose over the cable end as soon as it is removed from the starter.—R.L.

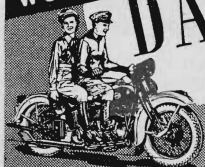




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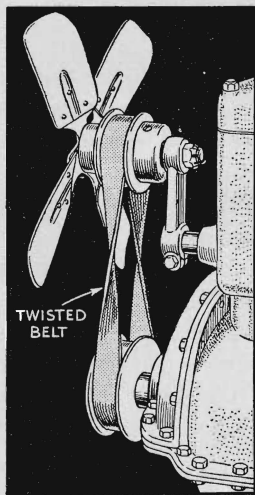
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Filling Scratched Places Without Spotting Finish

SCRATCHES and chipped spots on the finish of a car, always entering wedges for the damaging effects of rust, are hard to repaint without leaving the finish uneven and spotty. A better way to do the job is to clean the marred surface with gasoline, and then rub in a small amount of paint with a soft cloth, pressing firmly but not too heavily. The paint will fill in the scratches, but can easily be wiped off the surrounding surfaces to prevent unevenness.—A.C.S.

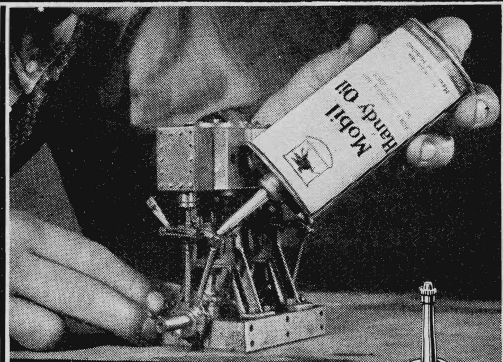
Twisting Gives Tension to Loose Fan Belt



NOT long ago, I found that the motor of my car was running hot and finally traced the cause to a loose fan belt. When I tried to fix this, I discovered that the tension adjustment had been tightened to the limit. Being unable to replace the belt immediately with a new one, I found a solution to the problem by giving the flat belt a twist, as shown in the illustration reproduced at the left. This

tightened the belt tension sufficiently to allow me to drive the car many miles before a replacement was necessary, thereby giving me considerably more service from the belt than I would otherwise have had.—L.A.B.

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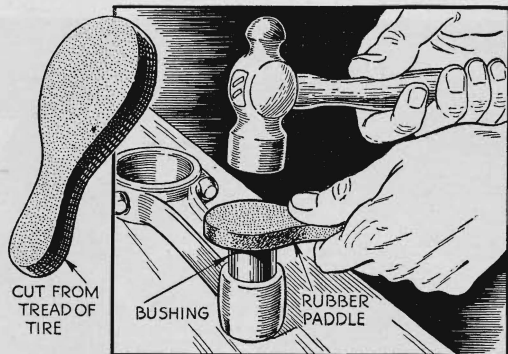
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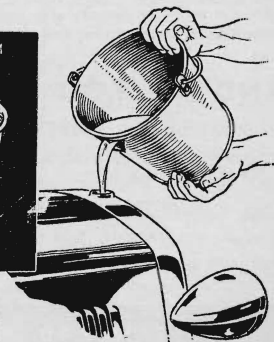
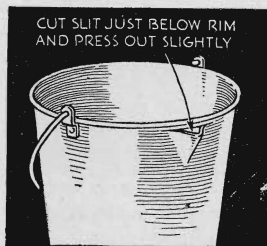


Paddle Cut from Old Tire Is Handy Hammer Cushion

A PADDLE-SHAPED piece cut from an old tire tread forms a handy addition to a motorist's garage tool kit. It can be used to advantage in driving bolts or bushings, as pictured above, where direct blows of a hammer would batter the rims or threads of the metal part. The tire-tread paddle is also useful for repair work on dents in car fenders. If the rubber is cut from the tough, reinforced part of the tire casing, it will stand up well under the heaviest of hammering.—A.H.W.

Spout Improves Water Pail

ANY water pail used for filling an automobile radiator can easily be improved by forming a simple pouring spout near the top, as demonstrated in the illustration below. A small slit is cut into the side of the pail directly below the rim, and the part below the slit is bent outward to form a spout. Water then flows through the spout into the radiator hose in a small, controlled stream, instead of slopping over the radiator rim and running down over the car finish.—J.K.L.



A spout cut in the pail keeps water from spilling on the finish of the car