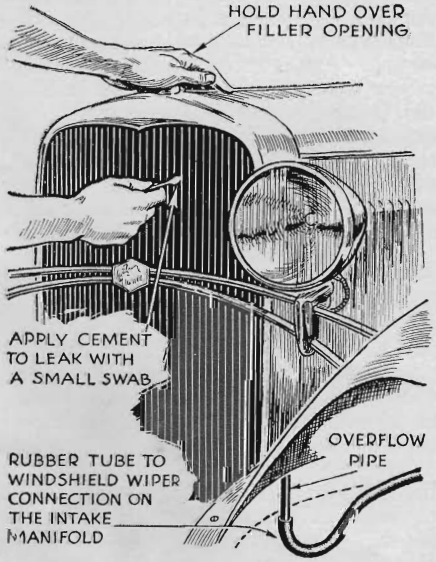
Hints *that will* Help Your Car

Tested Suggestions from Our Readers That Are Sure to Prove of Value to All Who Like to Work on Their Own Autos

An ordinary jack can be used, as illustrated, to spread the rim of a heavy tire. The base of the jack is placed against a block of wood and the rim closed for locking

WHEN you have trouble spreading a stubborn rim on a heavy tire, you can call on your regular jack to do the job. Place a 1 ft. long "two by four" or similar block of wood across the inside of the rim opposite the split joint. Then, set the base of your tire jack on the block so its upper end bears against the inner lap of the joint. Operating the jack to raise the head will spread the rim and push the stubborn lap into place.—J. B., Jr.

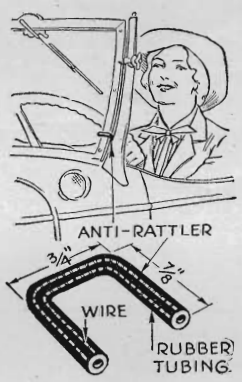
Stopping a Leak



SMALL leaks in a car's radiator sometimes can be stopped with shellac or a waterproof cement. However, these leaks are generally on the side or bottom of a cell or tube where gravity will not carry the mending liquid into the opening. To overcome this difficulty, the writer connects one end of a length of rubber tube to the windshield wiper connection on the manifold and the other end to the overflow pipe on the radiator. By idling the motor, the manifold suction is used to draw the cement up into place. When a motor is idling, however, the manifold vacuum is likely to be severe so the radiator cap is removed and one hand is placed over the filler opening. By lifting and replacing the hand, the suction in the radiator can be controlled quickly. The cement is applied with a small swab held in the other hand.—E. T. G.

Windshield Can't Rattle

NOISES in an open car caused by a loose windshield can be cured with the simple anti-rattle clips shown. Two 2½-in. lengths of stiff wire are covered with flexible rubber tubing of the windshield wiper connection type and bent U-shape to fit the windshield frame. One clip is placed over the metal frame at each side of the windshield. Although the dimensions given are for a small car, sizes vary only slightly for larger models.—R. F.

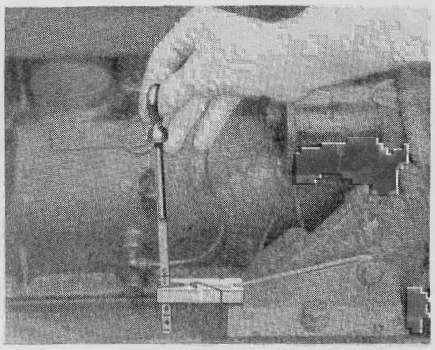


U-shaped pieces of wire, covered with rubber, can be used to stop the rattle of windshield

Two Keys in One

IF TWO keys are required for your closed car, you can simplify matters by combining them. Cut off one-third of each key head, bevel them for about 3/16-in., and solder them together as shown. Then, so the keys can be identified easily in the dark, file off the shoulders on the door key.—H. W. S.

Two keys cut and soldered together to make one key

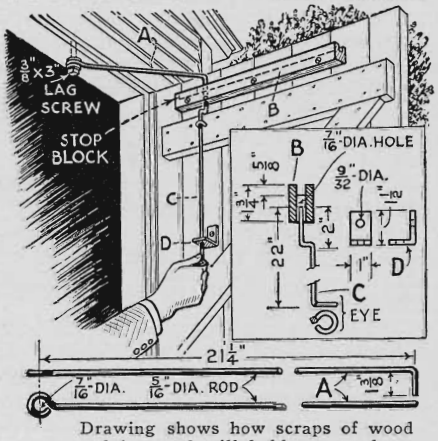


Oil Gage Wiper

A WIPER for the oil gage rod on your car can be made by gluing pieces of thin felt to the inner sides of the ends of a spring clothespin. The wiper then can be placed close to the oil gage rod hole by clamping its jaws on any convenient edge of metal.—L. G. P.

Stops That Will Hold Your Garage Doors Open

STRONG, professional-looking stops for swinging garage doors can be made from scrap pieces of wood and about 8 ft. of iron rod. The materials purchased new should not cost more than fifty cents. The sliding arm, guide rail, and release rod are assembled as shown in the drawing. As the door is opened, the arm A swings out as its free end follows along the groove in guide rail B. When it reaches the stop block at the inner end of the groove, it slips into a hole and is held fast. To close the door, the release rod C is pushed up. This raises the end of arm A out of the hole and allows it to slide forward. By placing the guide rail hole 1 ft. from the inner edge of the door and the pivot point of arm A 1 ft. from the door jamb, the door will be held in a position a little more than wide open. If the door has no cleat located below the guide rail a ⅞ by 2 by 2-in. block can be screwed to the door to serve as a stop for the release rod. The rod C should be bent to fit over the cleat or block.—P.E.K.



Drawing shows how scraps of wood and iron rod will hold garage doors