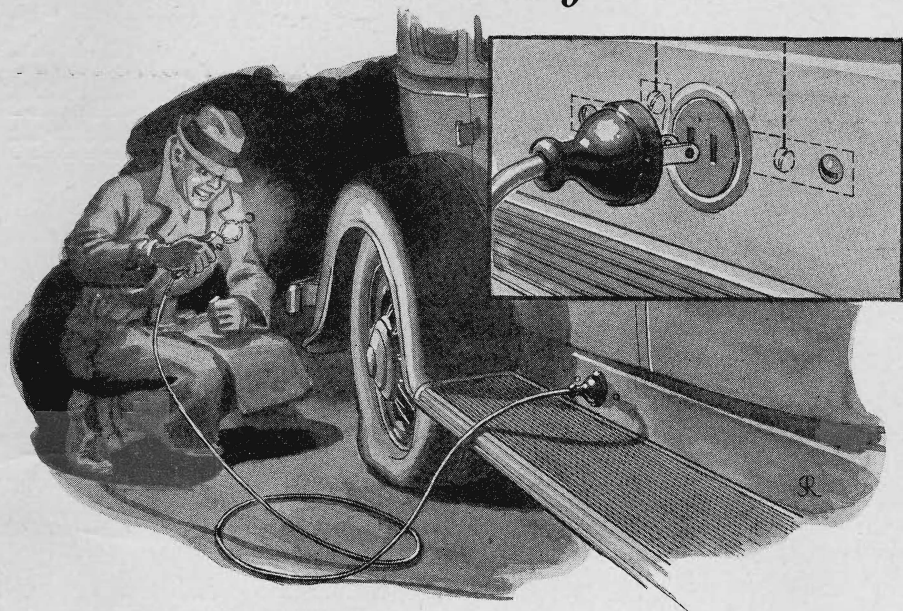


Six Kinks for Car Owners



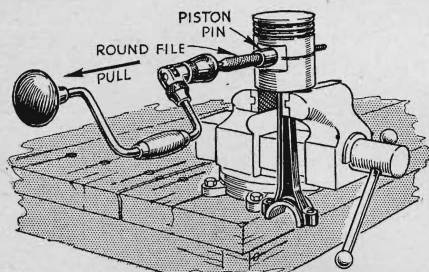
Plug-In System for Emergency Lamp

A HANDY outlet receptacle for a portable trouble lamp can be installed easily in one of the rear-spring inspection holes located on the splash pans of most older-model cars. Bolted in place and connected into the lighting circuit, it will always be ready to receive a standard

plug attached to the end of the trouble-light wire. If desired, an outlet can be placed on each side of the car. On cars having no inspection holes, the receptacle can be mounted under the dashboard, on the motor cowl, or on the floor boards, as convenience may dictate.—W.B.E.

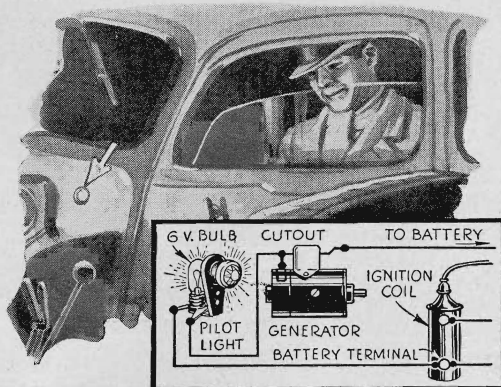
Removing Wrist Pins

INSTEAD of trying to knock a stubborn wrist pin loose from its piston, use an ordinary rat-tail file in the manner shown. Simply clamp the piston in a vise, fasten the file in a brace, and insert the file tip in the hole in the wrist pin. A pulling and turning motion will draw the pin out.—E.N.

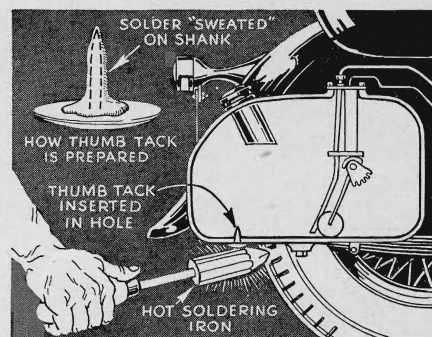


Pilot Light Warns of Ignition Trouble

BESIDES indicating whether or not the generator cutout on your car is operating, the pilot-light arrangement shown also serves as an ignition-key signal. Lighted with the motor running, it shows that the ignition is on but that the generator cutout is open. Not lighted with the motor running, it indicates that the generator is operating and the cutout is closed. Because it also glows when the ignition is on with the motor not running, it provides a good telltale that will serve to remind you that your ignition switch is still turned on.—P.C.B.

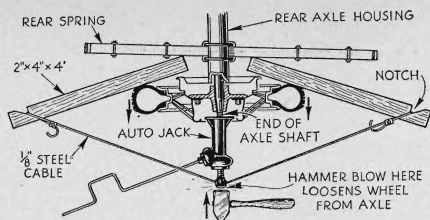


Motor-Wise Readers Pass Along These Time-Saving Ideas That Simplify The Problem of Keeping Your Automobile In First-Class Condition



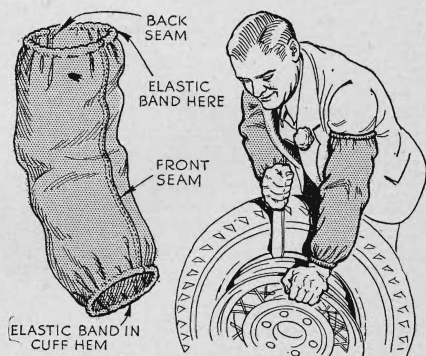
Easy Gas-Tank Repair

BY MAKING use of an ordinary thumb tack, pin holes in the bottom of a gas tank can be soldered easily without removing the tank from the car chassis. First drain the gasoline and clean a spot around the hole. Then flux the spot, take a brass thumb tack, and, after fluxing the tack and sweating solder on the shank, insert the shank in the hole and hold it there with the tip of your soldering iron. Finally, replace the iron with a screw driver and hold the tack in place until the solder hardens.—N.E.



Pulling Balky Wheels

AFTER trying, without success, several of the approved methods of removing wheels, I devised the rigging illustrated. It consists simply of two long pieces of lumber (two-by-fours) notched at their outer ends, a length of cable, and a regular tire jack. Due to the leverage of the boards and the power of the jack, a single hammer blow freed the wheel.—T.W.B.



Shirt-Sleeve Protectors

ROADSIDE repairs and clean shirt sleeves are a poor combination, even when the car owner takes the precaution of rolling up his sleeves. A simple solution is to add a pair of emergency sleeves to your tool kit. By cutting a pair from an old shirt and adding elastic tape at their tops and bottoms, you can provide yourself with a pair of sleeve covers that can be slipped into place easily. If preferred, a regular pair of fabric arm guards can be purchased for the purpose.—D.J.A.J.