

CAR TIPS FOR

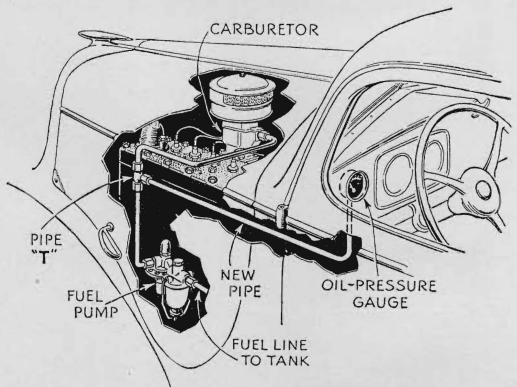
Reflector Button Inside Door Protects Motorist

FOR car repairs beside the road at night, it is a good safety measure to have a red reflector button fastened permanently on the inside of the left front door, or of either left door hinged at its front edge, as indicated in the accompanying sketch. If your doors are hinged at their rear edges, have a button on hand that can be hung on a door handle when needed. Motorists coming from behind when the door is open will see the reflector and be warned in time to give you and your car a wide berth.—R. H. P.

Other cars' lights illuminate the reflector

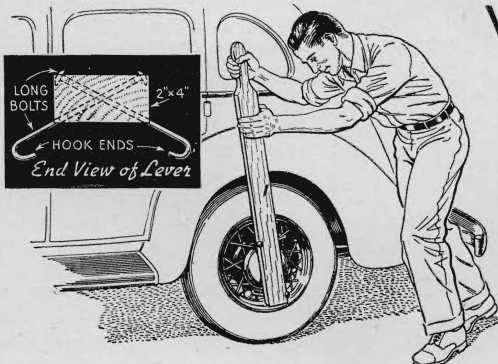
Easily Made Gauge Tells Fuel-Pump Condition

A GASOLINE-PRESSURE gauge to show that your fuel pump is working can be made from a length of copper tubing, a pipe T, and an old low-pressure oil gauge. The T is inserted in the line between the pump and the carburetor, and a new line run to the gauge mounted on the dash. For rubber-mounted engines, insert a flexible pipe to absorb vibration.—R. McC.

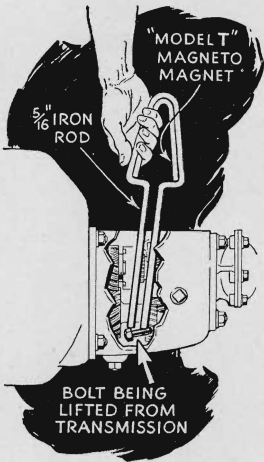


Wheel Lever Aids Moving of Cars in Garage

TWO long bolts inserted in a four-foot length of two-by-four, as shown at the left, and hooked over at their ends, provide a highly useful wheel lever for moving cars about in a garage. In use, the hooks are inserted in the spokes or slots of a rear wheel, and the handle pushed in the direction it is desired to move the car. One man can thus move a car easily. Rubber tubing pushed over the bolts will prevent marring the wheel finish.—E. H.

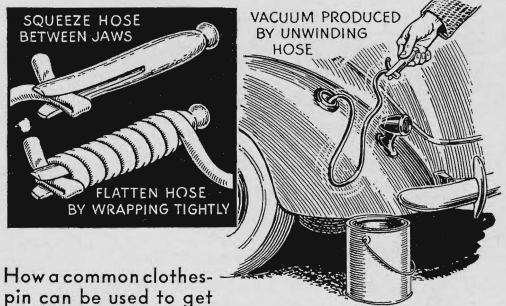


AMATEUR MECHANICS



Long Magnet Recovers Dropped Parts

MANY mechanics have had the time-wasting experience of losing a key, washer, or nut in a transmission box or other out-of-the-way place in a car. A long-reach magnet will get them out in a hurry. I made one from an old Model T magneto magnet, around which I shaped a length of 5/16" iron rod as shown, leaving parallel extensions about a foot long and an inch apart. The assembly should be seasoned for about twenty-four hours before attempting to use it, to become thoroughly magnetized.—R. S.



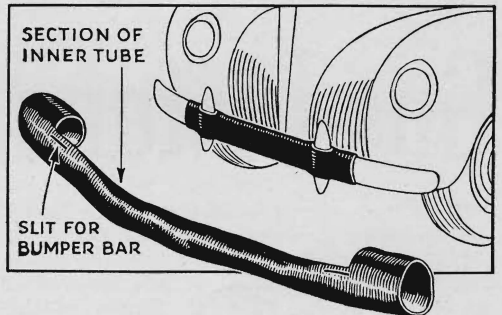
How a common clothespin can be used to get siphon action started

Clothespin Starts Siphon

YOU can use a clothespin to start siphoning gasoline from a car tank, avoiding the danger of sucking poisonous chemicals into your mouth. Pinch one end of a rubber tube between the jaws of the pin, and wrap the tube tightly over the whole pin. Place the other end in the liquid and unwind the tube. It will quickly fill with gas.—L. W.

Rubber Bumper Protector Is Old Inner Tube

BY CUTTING a length of old inner tube in the manner shown in the illustration at the right, you can make an effective bumper protector for your car. Folded and stored under or beside the spare wheel in your luggage trunk, it will always be available for slipping on the bumper when you are called on to push a friend's car with your own. You will find that it will protect the finish of both your bumper and his from ugly scratches.—E. H.



This pattern will make a guard for most car bumpers



Greasing the surface to keep paint from chipping off

Grease Saves Fender Finish

WHENEVER I have to straighten out a banged-up fender that is not too badly mashed, particularly where the finish has not been chipped when the damage was done, I smear heavy cup grease on the outside of the fender. Then I go to work and hammer the metal back in shape in the usual way. I have found that when the fender is not too sharply dented, a refinishing job is seldom necessary after the greasing precaution has been taken, as the enamel is kept from cracking away from the metal by the heavy-bodied material.—D. M.