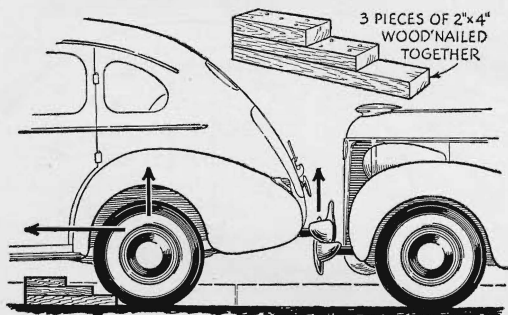


Helps for Car Owners



Bottle Opener for Picnics

THERE'S no chance of forgetting a bottle opener, the vital tool on a picnic, if you attach one to the steering post of your car. It is easily installed with clamps designed for mounting a windshield-defrosting fan.—D.P.C.

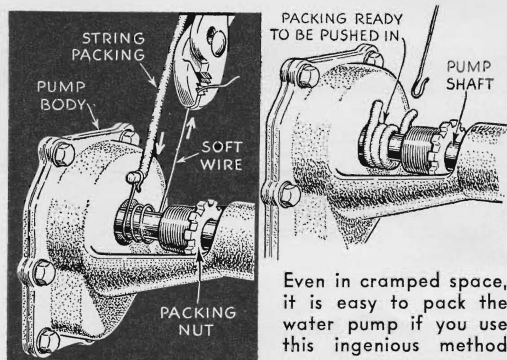


Easily Made Block Steps Untangle Locked Bumpers

IN CASE your car locks bumpers with another, a handy unit to have stowed away in your luggage compartment is an easily made pair of block steps made from two-by-four lumber. As illustrated above, one set is placed under each near wheel of the "top" car, which is then driven onto the steps to lift its bumper clear of the other car. The steps fit together for compact storage.—R. C.

Soft Wire Winds Packing on Water-Pump Shaft

REPACKING water pumps in the cramped space found on pumps of most late-model cars is made easier by using a two-foot length of soft, flexible wire. Loosen the packing nut and then wrap three turns of the wire loosely around the shaft, as pictured below. Attach one end of a piece of string-type packing to a loop in the wire. Gently pull the wire and the packing will wind itself into place. In the drawing, the space is exaggerated in order to show details of the process.—J.H.B.



Even in cramped space, it is easy to pack the water pump if you use this ingenious method

Removing "Collision" Paint

WHEN two cars scrape fenders, the lacquer or enamel color from one is sometimes transferred to the other. Either as a permanent repair job, or to eliminate an unsightly splotch until the fender can be repainted, the blemish can be removed by rubbing with a lacquer rubbing compound, which can now be bought in small quantities.—W.E.B.



Paint scraped from another car is rubbed off quickly

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MOBIL HANDY OIL

Protect models with this non-gumming oil. Excellent for electrical appliances, sewing and washing machines, bicycles, toys, automobile generators. Prevents rust. Wall bracket free with every can.

**QUIETS YOUR
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Reaches upper cylinders as a vapor. Special impregnating ingredient is *adsorbed* into metal surfaces; prevents scuffing wear; keeps valves free from gum and rust. Reduces carbon.

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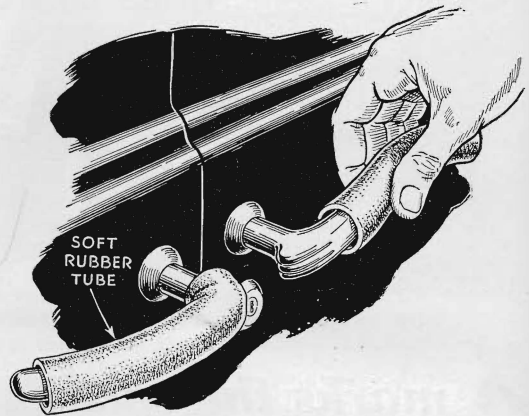
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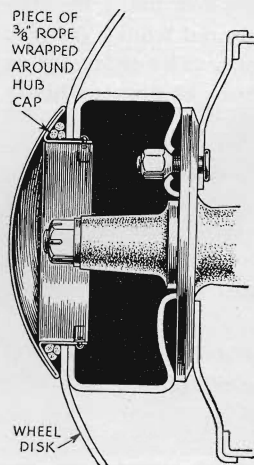
BY THE MAKERS OF MOBIL OIL

Door-Handle Cushions for Close Parking

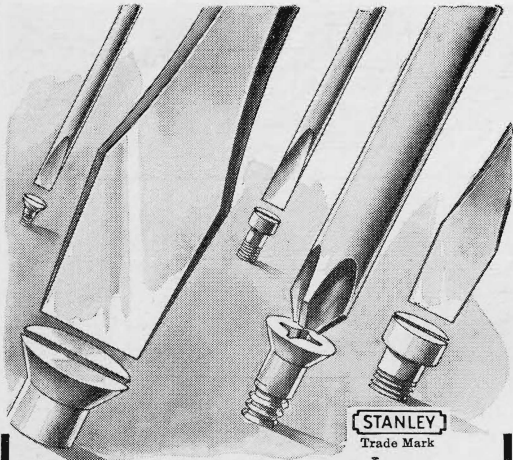


WHEN two cars are kept side by side in a double garage, there is always the danger of the door handles of one car accidentally striking and marring the body or paint job of the car alongside, as the owner opens the door to get in or out. To prevent this, I made a set of handle cushions by obtaining a length of small-diameter rubber hose at a drug store, cutting it into two sections of the required length, and slipping it over the handles, as shown in the illustration above. If the cars are always placed beside each other in the same relative positions in the garage, the finish-protecting handle cushions will be required only for the doors on one side of each car.—W. H. G.

Rope Silences Hub Cap



TO STOP the rattle of worn hub caps, motorists can wind a piece of rope in the recess between the flange and the edge of the cap, as shown in the sketch at the left. A single turn of $\frac{3}{8}$ " rope will be satisfactory for most cars, or smaller cord can be used by employing more than one turn to fill up the space as needed.—T. F. J.



A STANLEY DRIVER FOR EVERY JOB

From the delicate adjusting job to the heavy, stubborn bolt, there's a Stanley Screw Driver that does the job "just right." All have cross ground tips to properly fit screw slots. Typical of Stanley Screw Drivers are the three Drivers shown below.



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The leader for over 25 years. Blade, shank and head are forged from one piece of steel. Nine sizes: 2½" to 18" blades.



"Stanloid" No. 1006

Tough, transparent composition handles. . . . Blades of nickel molybdenum alloy steel. A driver for "tough" work, ideal for auto repair. Four sizes: 4", 6", 8" and 12" blades.



Stanley "100 Plus" No. 1001

The strongest wood-handled screw driver made. Hickory handles capped with leather washers that stand pounding. Alloy steel bars. Seven sizes: 3" to 12" blades.



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ORDINARY saddle soap, generally used for cleaning and polishing harness, is also excellent for refurbishing leather automobile upholstery, particularly the light-tan variety found in many roadsters and open touring cars. Rubbed on with a soft cloth, the soap not only cleans the leather effectively, but also gives it an attractive polish and makes it soft and pliable.—N. R. B.

Homemade Tool Loosens Stubborn Battery Lugs

BATTERY lugs that are stuck tight can be removed with the tool pictured below. Twist two short gate hooks so that the eye and hook ends are at right angles. Suspend these from holes bored through the ears of a ¾" wing nut. Screw the wing nut onto a bolt with a square head, and set the bolt on top of the battery post with the hooks slipped under the battery-terminal lug. Turning the bolt head with a wrench will loosen and lift the lug, without putting a strain on the seating of the battery post.—A. H. W.

