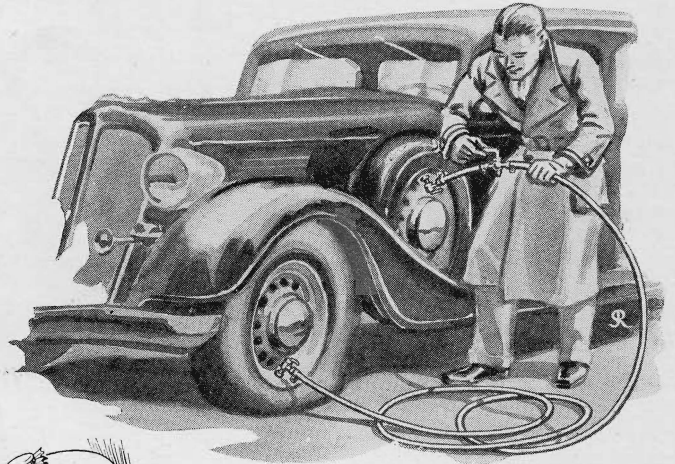


Timely Aids for Autoists

Readers Tell of Inexpensive Ways They Remedied or Prevented Troubles Commonly Encountered by Motorists

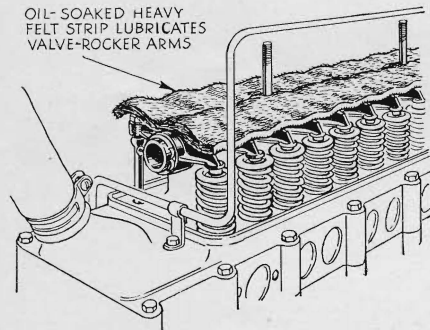


AS A substitute for a tire pump, I carry in my car eighteen feet of tubing, fitted with a petcock near one end and snap-on valve-stem connectors at each end. When a tire develops a slow leak, I simply use the hose to transfer air from my spare and the other tires to the soft one. The borrowed air builds up enough pressure to get me to a garage.—E. E. McG.

If a slow tire leak develops, getting to a garage is made easy by taking air from the other tires via a hose equipped with petcock and valve connectors

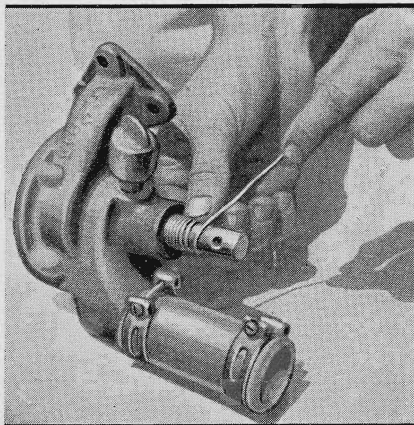
Oiler for Rocker Arms

THE rocker arms for end cylinders of valve-in-head motors sometimes run dry due to oil leaking out at the other rockers along the way. To remedy this, install a felt strip over the rockers. The excess oil at the center rockers will be soaked up by the felt and carried to the end units.—E. J. N.

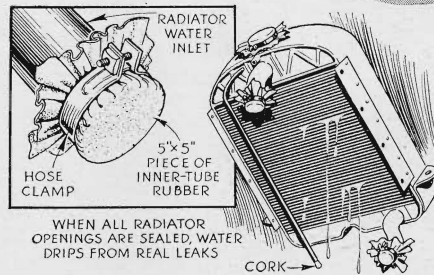


Packing Old Water Pump

IF YOU are having trouble packing a worn water pump, here is a stunt that is worth trying: Instead of the usual packing, take a length of solid wire solder, wind it around the shaft, and squeeze it home with the packing nut. The solder will wear in and fill completely all the uneven surfaces in the shaft.—G. M. W.

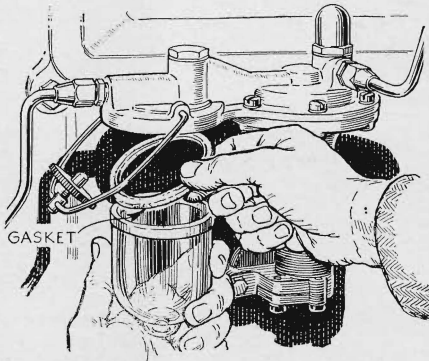


Wire solder is wound around shaft for packing



Testing Leaky Radiator

WHEN using the water test to locate radiator leaks, the problem of plugging the inlet and outlet pipes presents itself. An efficient method consists of cutting two five-inch squares from an old inner tube and fastening them in place over the openings with hose clamps. A rubber square can be used to seal the filler opening if the cap gasket is worn. Finally, a wooden plug forced into the overflow pipe completes the water-tight job. Once sealed, any water that appears comes from a leak in the core.—J. P.

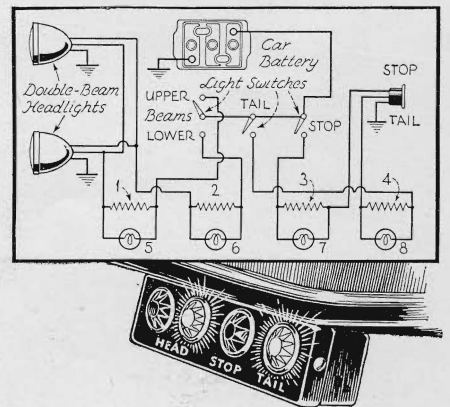


Reversing Gasket Makes It Fit Like New One

AFTER cleaning a gasoline filter bowl, it is sometimes difficult to reassemble it and prevent leakage. This can be avoided, however, simply by reversing the cork gasket. Continuous pressure of the bowl against the cork forms an irregular surface or ridge. By turning the gasket over, the flat side of the cork is placed in contact with the bowl edges, allowing a new seat to be formed.—W. G. L.

Dashboard Pilot Lights

WITH the pilot-light panel, shown below, installed on your dashboard, you can tell at a glance just how your headlights, tail light, and stop light are functioning. This easy-to-install arrangement consists simply of four small bulbs which are mounted behind red-jewel windows and are connected into the lighting circuit of the car as indicated. The values of the resistances used (1, 2, 3, and 4) will, of course, depend on the type of bulb used. They should be just large enough to allow the pilot light to glow without causing any appreciable dimming of the car lights.—L. P.



Jeweled dashboard lights tell how car lights are working. The diagram gives wiring circuit

Fixing a Cracked Battery

WHEN a crack develops in a storage-battery case, an emergency repair often can be made with the materials found in a tire-repair kit. First prop up the battery so that the liquid does not leak out. Then, after washing and drying the case, clean the crack and roughen the surface. Finally, smear patching cement in and around the crack and, when it has become tacky, press a strip of inner-tube patching material into place. A board and string can be used to clamp the patch in place until the cement has had sufficient time to dry.—N. J.