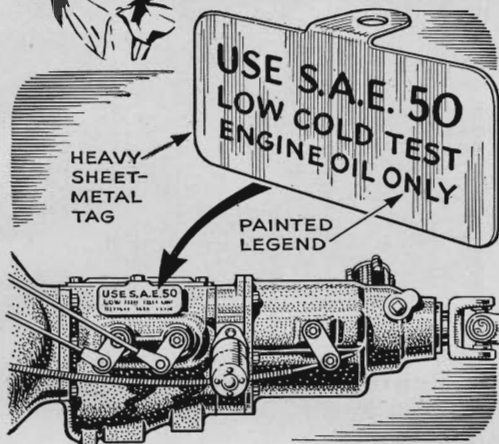




Hints from the Model Garage



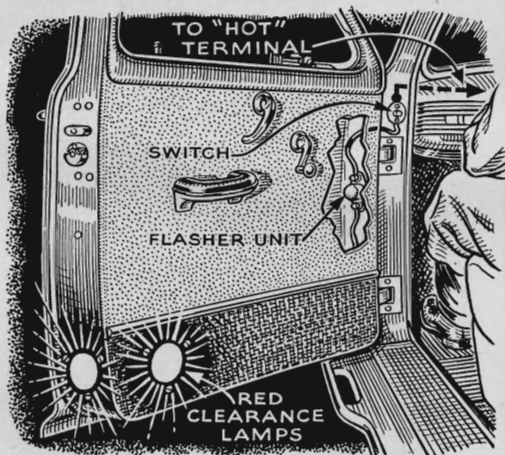
Tag Shows Proper Lubricant.

In some new cars, a heavy motor oil is specified for the transmission instead of grease. To prevent careless errors, paint the oil recommendation on a metal tag and attach it near the transmission filler plug.

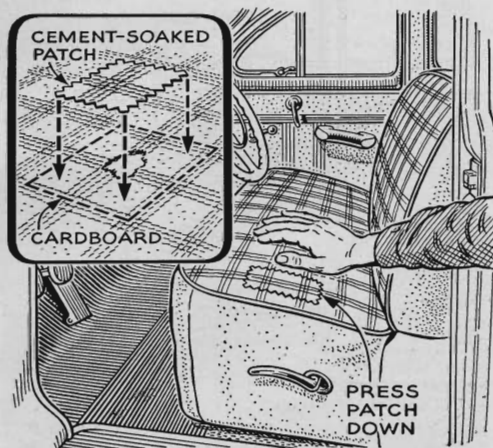


Sand "Bombs" Overcome Ice.

If you frequently must drive on ice, keep sand in your luggage compartment, packaged in paper bags tied with string, packaged in a cardboard box. Then, when stuck, drop bags under the rear wheels.

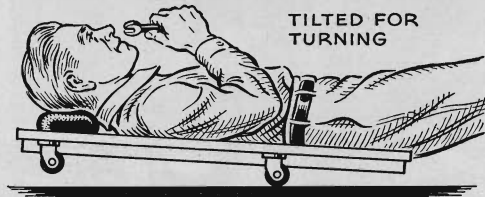
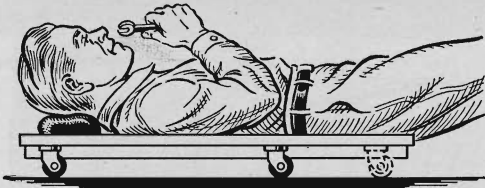


Door Lights Flash Warning. Before getting out the driver's door in traffic, it's always a good idea to look both ways. John W. Bell, of Des Moines, Iowa, has provided additional safety with this warning system. When the door is opened, a normally-off push switch in the door jamb shoots current to the flasher unit. An auxiliary switch on the dash cuts off the system if you want to keep the door open.



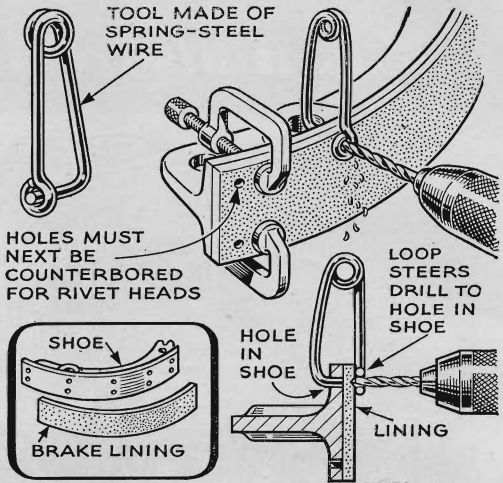
Patching Seat Covers. You can repair a worn area or tear in fiber seat covers by cementing on a patch. Cut the patch from a hidden part of the cover, using pinking shears if available. Put cardboard between the worn area and the upholstery to protect the latter, saturate the patch with clear model-airplane cement, wait until it is tacky, and press firmly in place. Let the patch dry overnight.

MORE Hints from the Model Garage



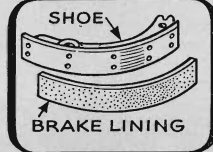
TILETED FOR TURNING

Turn Creeper by Tilting. On rough garage floors, it's often difficult to turn the usual shop creeper when you want to move to a new position. The creeper will work better if you set one pair of wheels back 12" or so from the end. Then, by shifting your weight, you can tilt the creeper slightly when you want to turn.



HOLES MUST NEXT BE COUNTERBORED FOR RIVET HEADS

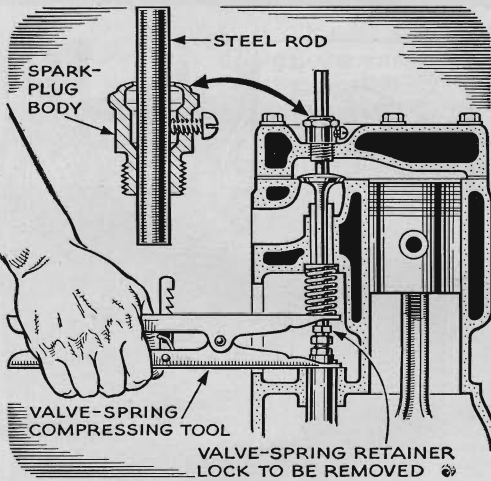
LOOP STEERS DRILL TO HOLE IN SHOE



HOLE IN SHOE

LINING

Aligning Holes in Lining. If you cut and fit lining to brake shoes, this tool will help you align the rivet holes in the lining. After the lining has been cut, attach it securely to the shoe. Then place the prong of the tool in the shoe rivet hole and drill through the tool eye. Counterbore for the rivet heads.



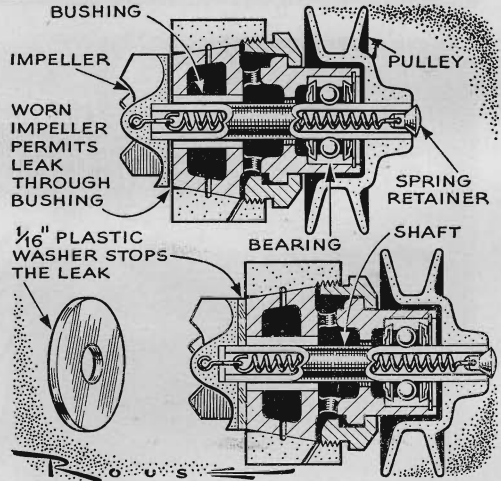
SPARK-PLUG BODY

STEEL ROD

VALVE-SPRING COMPRESSING TOOL

VALVE-SPRING RETAINER LOCK TO BE REMOVED

Replacing Valve Springs. This tool makes it easier to replace an intake-valve spring on an L-head engine without removing the head. It's used by adjusting the steel rod until it bears on the head of the closed valve. Turn the body into the spark-plug hole without forcing it. The spring can now be compressed and the retaining key removed. Marion L. Rhodes, Knightstown, Ind., developed the tool.



BUSHING

IMPELLER

PULLEY

WORN IMPELLER PERMITS LEAK THROUGH BUSHING

SPRING RETAINER

1/16" PLASTIC WASHER STOPS THE LEAK

BEARING

SHAFT

Washer Tightens Worn Pump. In overhauling a Ford '60" water pump, John Salzillo, of Brooklyn, N. Y., found that the edge of the plastic impeller had worn so much that the spring couldn't pull it snug against the pump housing. To take up the slack, he removed the impeller, and slipped a plastic washer on the shaft. This had the effect of building up the worn impeller. He cut the washer from 1/16" plastic.