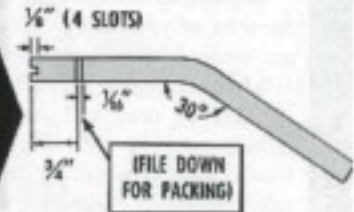
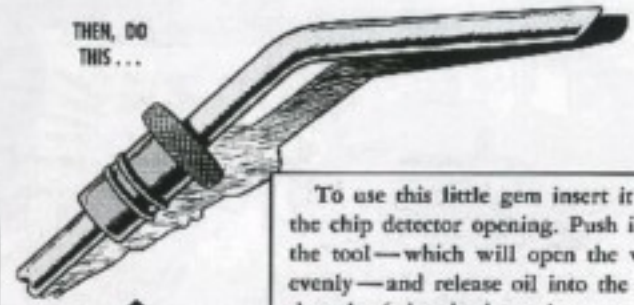


To save bird parts, latch onto a salvaged 1/4-in diameter piece of aluminum tubing, FSN 1560-923-4068, and cut off a piece 4 inches long.

File down a slot on the OD for packing ring, FSN 5330-542-1420. The packing will keep oil from dripping down the outside of the tube when you take the sample.



THEN, DO THIS...



Slip the packing ring and a salvaged chip detector plug over the tube and your tool is complete.

To use this little gem insert it into the chip detector opening. Push in on the tool—which will open the valve evenly—and release oil into the tube thru the 4 slots in the tool.



But enough of that cockamamie sampling tool. Step closer and let's consider that old bugaboo, foreign object damage, in a new light.

#### MAKE SAMPLING TOOL

Taking the 25-hour oil samples from the 42-degree and 90-degree gear boxes can be a bit of a problem. Once the chip detector is out, mechanics use scribes, phillips screwdrivers, nails—you name it—to push in on the check valve and draw the sample.

The result is sometimes a broken valve . . . what a revoltin' development! !