

Plastic Drive Gear on Right-hand Wheel of Mechanical Computers

About three years ago PMP introduced an improved right-hand wheel for money and gallon. It minimizes the problem of slipping gears which results in under reading. The slipping gear is one of the major causes of different readings on either side of the computer.

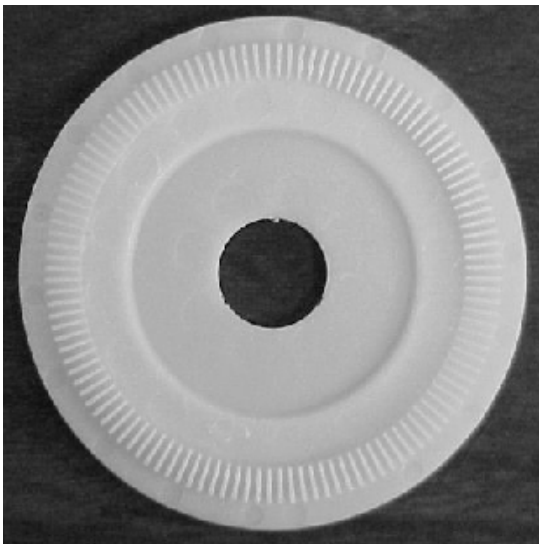
The improvement was a new plastic gear with an improved clutch mechanism. The clutch (on the inside of the gear) is more positive than the original design of fine serrations. The plastic material does not corrode like the original design would. It works without failure in the weather extremes from the cold of the northern mountains to the dry heat of the desert to the humidity and salt air of the seashore.

A similar type of plastic gear is now used by Veeder-Root in all four right-hand wheel positions.

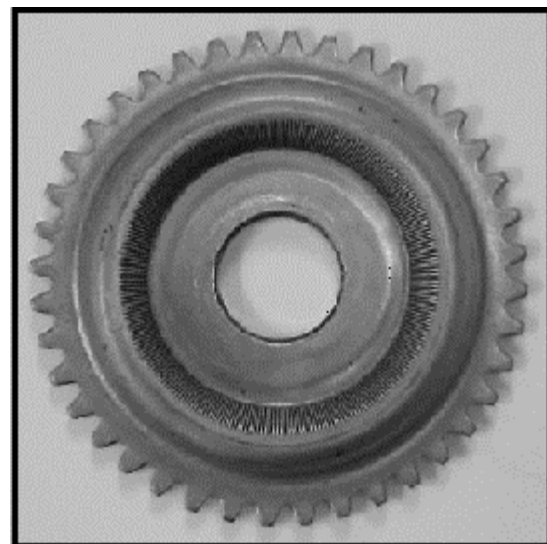
However, the plastic gear has one shortcoming . . . it is not compatible with the sensor for a Western Electronics Model 400 pulser, which is used by many customers around the country.

To resolve this problem, and make it easier and more compatible with equipment already in place, PMP puts a metal gear in the penny wheel pulser position. The upgraded plastic gear is used in the other three right-hand wheel positions. (If requested at time of order, we will put a metal gear in the gallon wheel pulser position.)

New Plastic Gear



Old Metal Gear



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