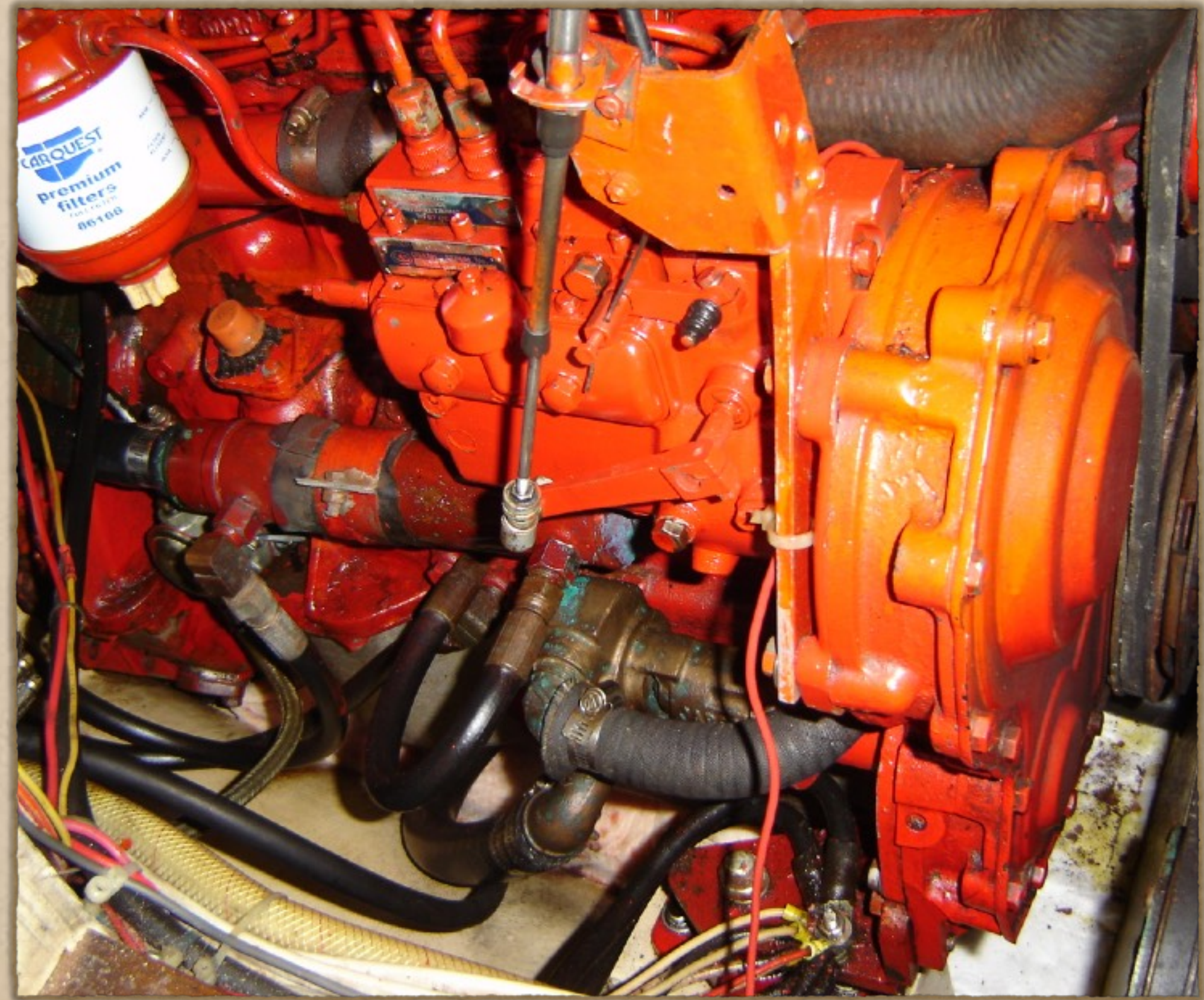


# Back Story

- ◆ Say hello to Mr. Lehman
- ◆ He turns the alternator
  - ◆ Alternator generates pulses that drive the dashboard tachometer
  - ◆ Tach shows indirect RPM's
- ◆ What happens when we replace the old alternator?





# New Alternator New Wheels

- ◆ Smaller wheels means higher RPM's
- ◆ Tachometer is now wrong
  - ◆ How far wrong?
- ◆ The old wheel was ~3.5". New wheel is ~2.5"

>>> 3.5/2.5

1.4

>>> 1/\_

0.7142857142857143

