

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



Use Case

- ◆ Given RPM on the tach, what's the real RPM of the engine?

```
def eng(r: float) -> float:  
    return r/1.4
```

- ◆ Use it like this:

```
>>> eng(2100)  
1500.0
```

- ◆ Okay. Tach says 2100, engine (theoretically) spinning at 1500.