# Higher-Order Functions
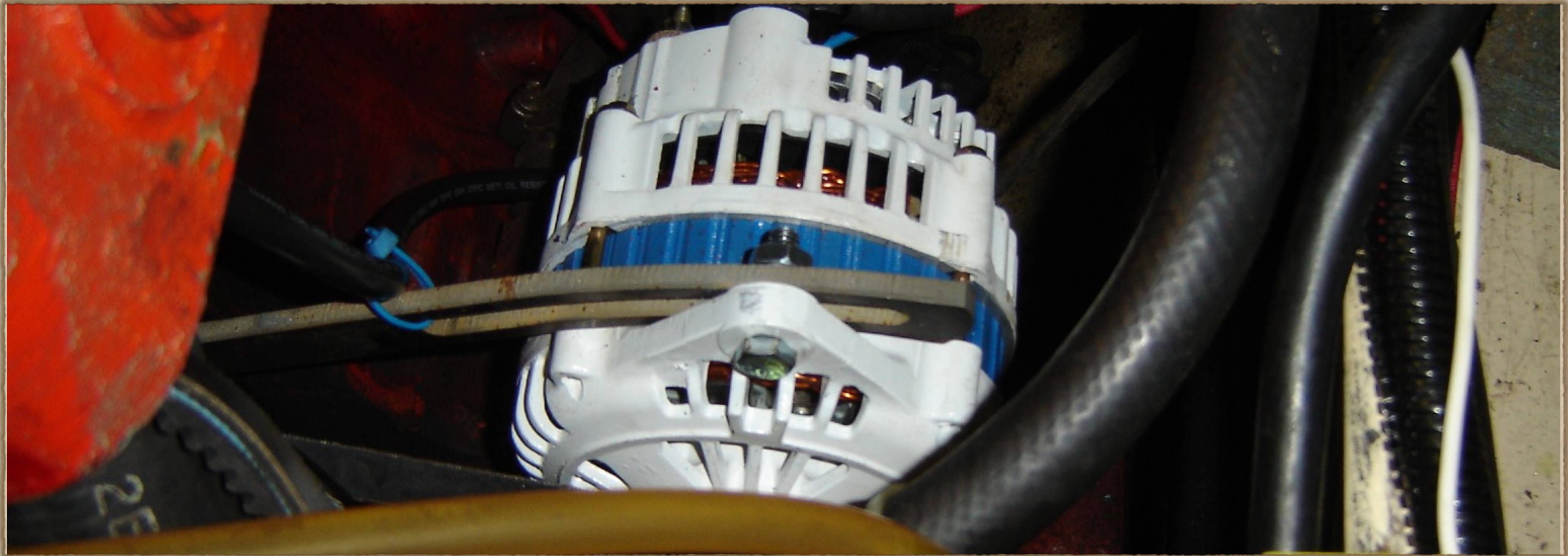
- This is cool:

```
>>> list(map(odd, [1, 2, 3, 4]))
[True, False, True, False]
```

- **map()** applies the **odd()** function to each value in the list

- As if we did this:

```
[odd(1), odd(2), odd(3), odd(4)]
```

# Case Study: Mr. Lehman's New Tachometer

Yes. That's a diesel engine alternator