



ZEN TECHNICAL TIP #19

## DIFFERENCE BETWEEN STARTER DRIVES 1642 AND 1874



Starter drives 1642 and 1874 have similar physical features, dimensions and applications, but there is a detail that makes the entire difference, the diameter of the cover:

### 1642 – DIAMETER OF THE COVER 53.5



### 1874 – DIAMETER OF THE COVER 50.9



### WHY ISN'T IT POSSIBLE TO EXCHANGE?

- If we apply the 1874 starter drive in place of the 1642, we will have problems during the start, as the starter drive 1874 has a lower torque capacity than the 1642;
- If we apply the 1642 starter drive in place of the 1874, there will be a collision in the housing walls of the starter motor, since the cover diameter is larger than that of 1874.

In the following illustration you can check the details of each one and make a comparison:

