

Part Number: 425210, 425410, 429010,
432410, 437210, 437410

Description: Charging System

Fitment: Various

Version: 1 6/07

Alternator Rotor Installation

1. The clearance space between the back of the case and the position of the stator in the alternator is crucial for optimum performance.

Measure the depth from the front of the seal race to the back of the case wall. Using a straight edge that will span the front of the seal race, measure from the bottom of the straight edge to the back of the case. Record your measurement. In this example the measurement is 2.380 inches. **Fig.1**

2. Next, measure the depth of the rotor from the inside of the top edge to the back of the rotor, again using the straight edge. Here we measured 2.250 inches. **Fig.2**

3. Subtract the rotor depth from the case depth. Here the difference is .130-inch, which is within the .1000-inch minimum clearance to ensure the stator isn't rubbing. If your measurement is less than .1000-inch, the kit includes an assortment of shims that should be added behind the stator to increase the distance allowing proper clearance. **Fig.3**

