



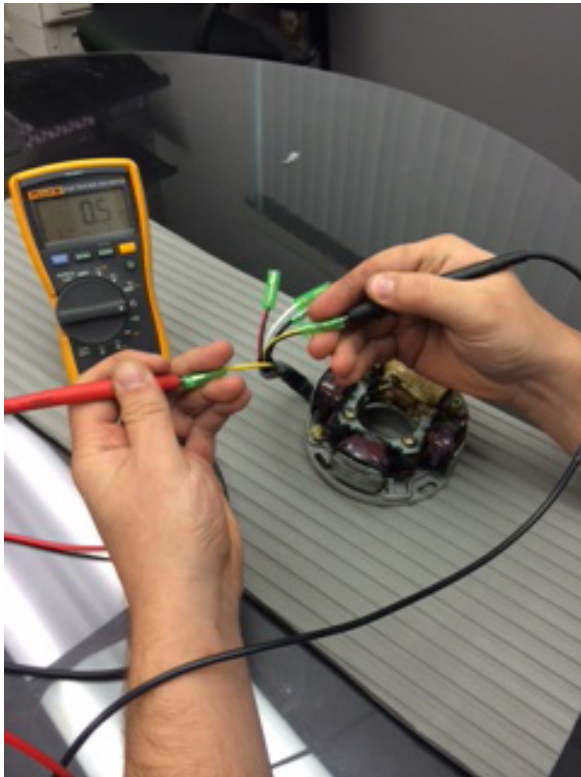
## Sea-Doo Stator Testing

If you are experiencing charging or ignition problems with your PWC, your stator might be failing. The following guidelines are basic procedures for testing your stator. Testing involves the measuring of resistance, which is measured in Ohms, across different coils in the stator.

To perform the test a multi meter will be needed and access to the wire harness coming from the stator. Set your multi meter to the resistance or Ohm setting designated by the omega symbol  $\Omega$ . First, check the multi meter by touching the two leads together and be sure that the meter displays zero resistance. Then, separate the leads and the meter should display infinite resistance.

Next, identify the part number of the stator for your particular application and compare it to the chart below. Measure the resistance between the wire colors listed and mark down the readings for comparison to the chart.

**Note:** be sure not to touch the probes with your fingers because it will distort the measurement.



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14-101 (Oem No. 420995105)		Color of Wire	Range
yellow/black	to	yellow	0.05 - 0.6 ohm
red	to	black	40 - 76 ohm

14-102 (Oem No. 420995109)			Range
black/red	to	ground	Open circuit (Infinitely high)
yellow	to	yellow/black	.05-.6 ohm
yellow/black	to	ground	Open circuit (Infinitely high)
black	to	ground	Open circuit (Infinitely high)
yellow	to	ground	Open circuit (Infinitely high)
yellow/black	to	ground	Open circuit (Infinitely high)

14-103 ( Oem No. 420995106)			Range
yellow/black	to	yellow	.05 - .6 ohm
black/red	to	white	2.8-4.2 ohm
black	to	ground	Open circuit (infintely high)
white	to	ground	Open circuit (infintely high)
Black/red	to	black	120-180 ohm

14-104 (Oem No. 420886588)			Range
Yellow	to	yellow	.1-1.0 ohm

14-105 (Oem No. 420886725)			Range
Yellow	to	yellow/black	.05-.6 ohm
black	to	red/black	40-70 ohm

14-110 (Oem No. 420887951)			Range
Yellow	to	Yellow	.1-1.0 ohm

14-111 (Oem No. 420888652)			Range
Yellow	to	Yellow	.01-1.0 Ohm

14-111A (Oem No. 420888656)			
Yellow	to	Yellow	.01-1.0 Ohm

14-112 (Oem No. 420889720)			Range
Yellow	to	Yellow	.01-1.0 Ohm

14-112A (Oem No. 420889721)			Range
Yellow	to	Yellow	.01-1.0 Ohm