

Testing procedure for Kawasaki Stator's

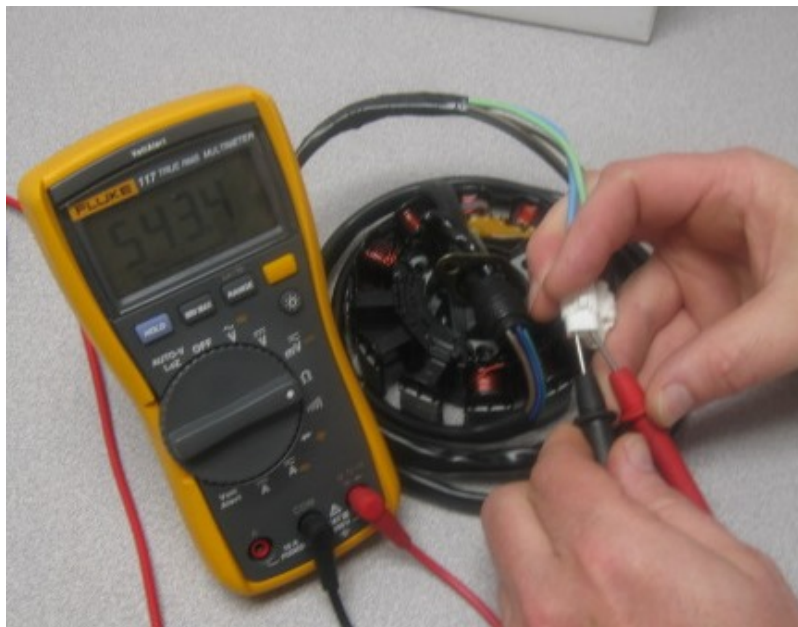
If you are experiencing charging or ignition problems with your PWC, your stator might be failing. The following guidelines are basic procedures for testing your stator. Testing involves the measuring of resistance, which is measured in Ohms, across different coils in the stator.

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 (Ω). 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: Please be sure not to touch the probes with your fingers because it will distort the measurement. Resistance readings in copper increase in proportion to temperature increase.

In the example below we are testing the SBT# 14-209A between the Blue and Green wires. It is testing at 543.4 ohm which is within the acceptable range of 396 - 594 ohm, so the test result is good.



SBT Code# 14-205 OEM # 21003-3726			
Wire 1		Wire 2	Kawasaki Spec.
brown	to	brown	0.7 - 1.1 ohm
purple	to	red	265.6 - 398.4 ohm

SBT Code# 14-205A OEM # 21003-3729			
Wire 1		Wire 2	Kawasaki Spec.
brown	to	brown	0.7 - 1.1 ohm
purple	to	red	265.6 - 398.4 ohm

SBT Code# 14-207 OEM # 21003-3731			
Wire 1		Wire 2	Kawasaki Spec.
brown	to	brown	0.7 - 1.1 ohm
purple	to	red	265.6 - 398.4 ohm

SBT Code# 14-2007A OEM # 21003-3734			
Wire 1		Wire 2	Kawasaki Spec.
brown	to	brown	0.7 - 1.1 ohm
purple	to	red	265.6 - 398.4 ohm

SBT Code# 14-207B OEM # 21003-3732			
Wire 1		Wire 2	Kawasaki Spec.
brown	to	brown	0.7 - 1.1 ohm
purple	to	red	265.6 - 398.4 ohm

SBT Code# 14-207C OEM # 21003-3733			
Wire 1		Wire 2	Kawasaki Spec.
brown	to	brown	0.7 - 1.1 ohm
purple	to	red	265.6 - 398.4 ohm

SBT Code# 14-208 OEM # 21003-3748			
Wire 1		Wire 2	Kawasaki Spec.
brown	to	brown	0.7 - 1.1 ohm

SBT Code# 14-209 OEM # 21003-3730			
Wire 1		Wire 2	Kawasaki Spec.
brown	to	brown	0.7 - 1.1 ohm
purple	to	red	348.8 - 523.3 ohm
yellow	to	black	21.6 - 32.4
green	to	blue	396 - 594 ohm

SBT Code# 14-209A OEM # 21003-3736			
Wire 1		Wire 2	Kawasaki Spec.
brown	to	brown	0.7 - 1.1 ohm
green	to	blue	396 - 594 ohm

SBT Code# 14-211 OEM # 21003-3746			
Wire 1		Wire 2	Kawasaki Spec.
yellow	to	yellow	0.64 - 0.96 ohm
green	to	blue	396 - 594 ohm

SBT Code# 14-212 OEM # 21003-3744			
Wire 1		Wire 2	Kawasaki Spec.
green	to	gray	.4 - .6 ohm
purple	to	black	.4 - .6 ohm
black	to	yellow	.4 - .6 ohm
white/black	to	white/green	.5 - .8 ohm
white	to	white/brown	.5 - .8 ohm

SBT Code# 14-213 OEM # 21003-3747			
Wire 1		Wire 2	Kawasaki Spec.
white	to	white	.432 - .648 ohm
white	to	white	.432 - .648 ohm

SBT Code# 14-213A OEM # 21003-3749			
Wire 1		Wire 2	Kawasaki Spec.
white	to	white	.432 - .648 ohm
white	to	white	.432 - .648 ohm