



## XR 600 High Output Double Wound Stator

Your stator has been wound with two separate outputs to run your lighting systems. It features two separate outputs capable of 125 watts at 4000 rpm. Both outputs are floating to allow you to use it with a single phase rectifier/regulator if you desire;. See separate instructions for using this stator with the Baja Designs Dual Sport kit. Following are instructions for connecting it to your electrical system.

*Special Note: Some XR 600 side cover castings have some sharp projections inside the case cover. There is a little ridge in the case cover that sits right below the stator wires when the stator is installed. If there are any sharp projections on top of this ridge, smooth them out with a small file, dremel tool, or sandpaper. This is to make sure they do not cut into the new wiring, shorting them to the case.*

*Clean any fillings from the cover before re-installing. Make sure to install the stator with the wires against the side case as it was installed from the factory. If you install the stator upside down with the wires facing the center case, the flywheel will damage the wires.*

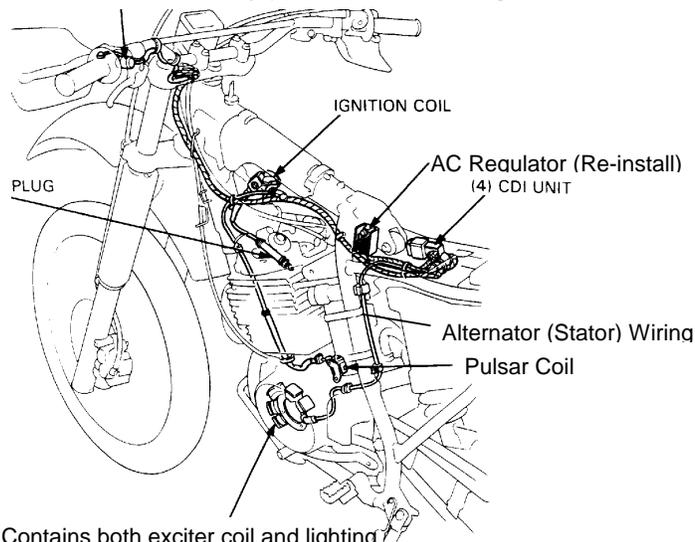


Figure 1:

Alternator (Stator). Contains both exciter coil and lighting

1. Connect the stock stator leads (green and white/yellow) to the stock voltage regulator and harness. These two leads produce 125 watts at 4000 rpm and are capable of driving a 100 watt H4 headlight to full brightness at just above idle.
2. The other two white leads from the stator are a separate output capable of 125 watts. Connect these two outputs directly to a DC rectifier/regulator or another AC regulator if not running a system with a battery. Use the power from this output to run a taillight, turnsignal, horn, heated grips or electric vest, helmet light, or another headlight.

The advantage of the two separate outputs is that it gives you high power without having to go to a three phase system or a custom voltage regulator. It also gives you redundant systems in case one should fail. Both outputs are interchangeable.

