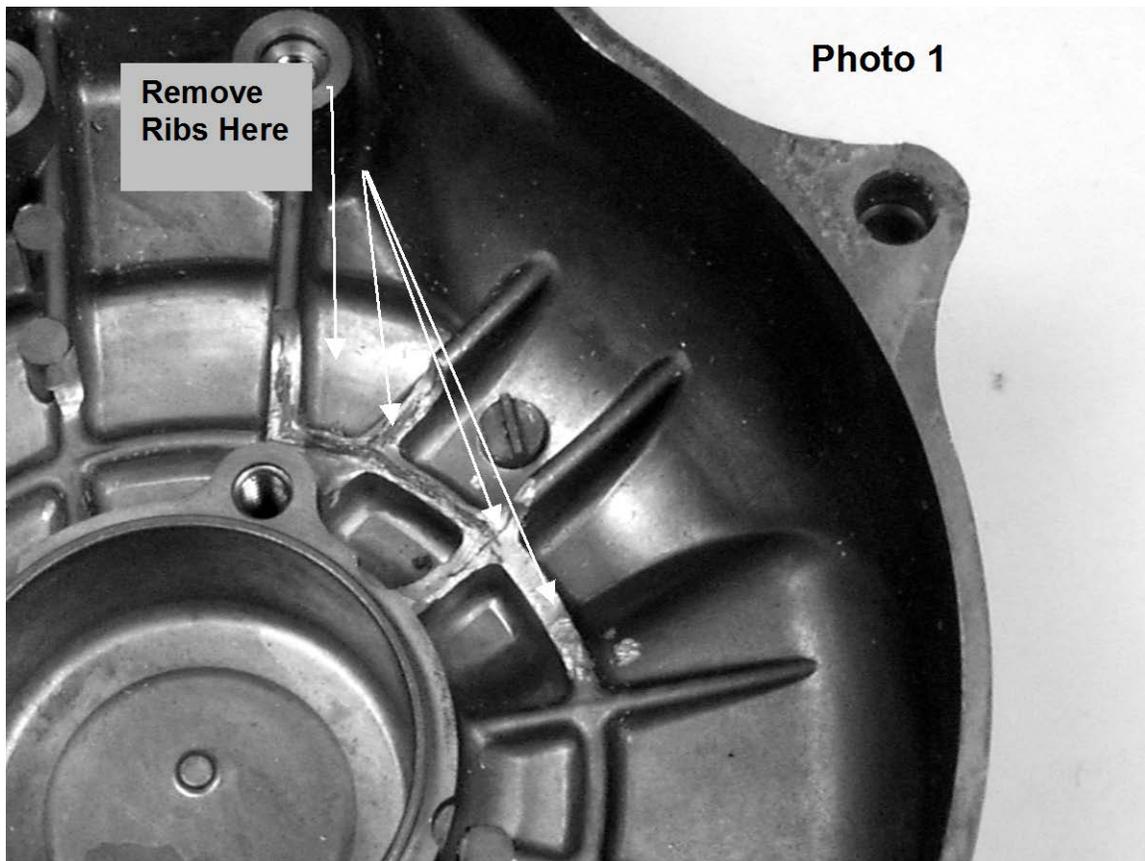




Installation Instructions for Rewound Stator on XR650R with Quick-Release Dual-Sport Kit Previously Installed

Your stator has been wound with two separate lighting-coil outputs to run your lighting system. Each output is good for approximately 125 watts. Following are instructions for installing this stator on an XR650R with a Baja Designs Quick-Release Dual Sport Kit previously installed.

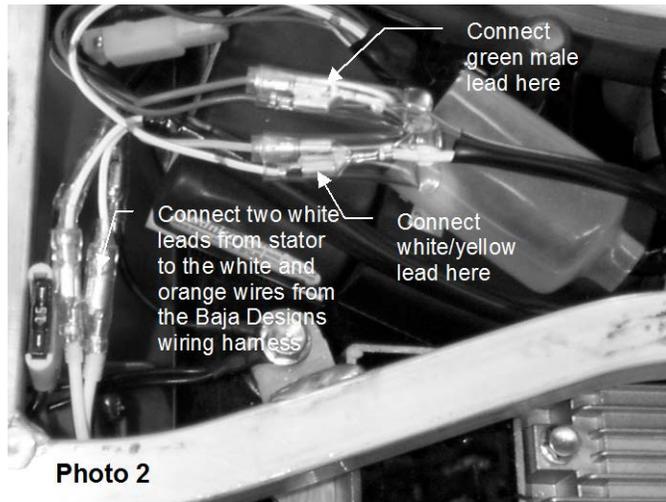
Stator Installation: The left case cover must be modified to allow clearance for the new stator windings. Using a dremel or small hand grinder make the modifications to the case as shown in Photo 1. If you are not comfortable making this modification, Baja Designs will modify your cover for \$30. Once modified, Test fit the stator (wires install next to case cover.) Be sure the stator lays down flush on its mounting boss before torquing the three mounting bolts.



2. Once the stator is installed, reattach the case cover to the bike. Run the wires back up the frame and under the seat using the stock wire routing.
3. Attach the plastic plug, the black/red, and brown wires from the stator to their corresponding mates from the stock wiring harness.



4. Plug the two white wires from the newly rewound stator into the white and orange wires from the Baja Designs wiring harness. Polarity is unimportant.
5. Plug the white/yellow wire from the stator into one side of the white/yellow double female connector from the AC voltage regulator (metal finned box on top of airbox.).
6. Plug the green wire from the stator into one side of the green double female from the AC voltage regulator.
7. Secure your wiring under the seat with zip-ties and reattach the seat.



8. Remove the headlight. If you have purchased a higher-output bulb replace the existing 35/35W bulb with it now. Install the relay and wiring in the lower right corner of the headlamp shell as shown in Photo 3 using the two-sided tape and zip-tie. Attach the H4 headlight connector to the three prongs in place of the existing headlight connector.





7. Attach the yellow and black wire pair from the relay to the original H4 headlight connector in the positions that match the colors. Attach the green and blue wire pair from the relay to the green and blue wires from the stock wiring harness.

8. Secure your wiring behind the headlight and reattach it to the forks. Be sure the brakeline cannot grab any of the new wiring when the suspension compresses.

Additional Notes: On the DC side of the system (part with rectifier/regulator that powers up the taillight, turn signals, horn, and charges the battery), you will now have extra electrical capacity. You can add up to about 70 watts of load to this side of the system before you will begin discharging the battery. This allows you to run such things as grip heaters, an electric vest, a helmet light, or an additional 55-watt headlamp. A convenient place to tap into the DC system with additional components is at the green wire going to the small parking lamp. This wire is +12V DC any time the main power switch is turned on. By tapping into this wire and chassis ground you can conveniently install a quick disconnect for powering additional accessories. Also any of the red wires from the main wiring harness in the rear are +12V DC switched.

Baja Designs Dual Wound Stator Connections

