

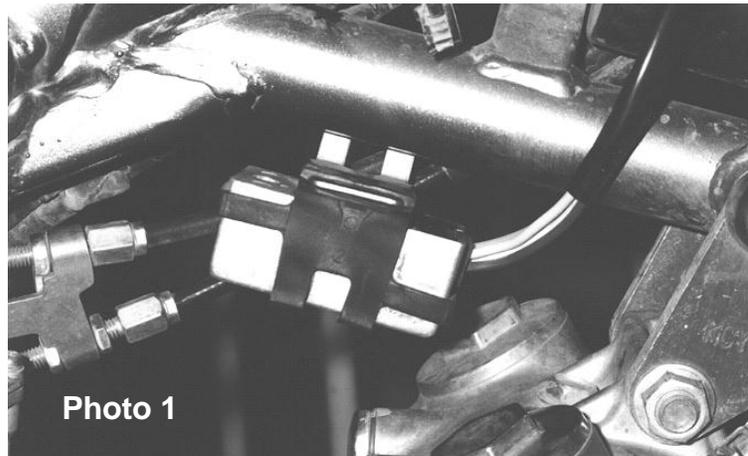


## Installation Instructions for Rewound Stator on XR400R with First Generation Baja Designs Dual Sport Kit Previously Installed

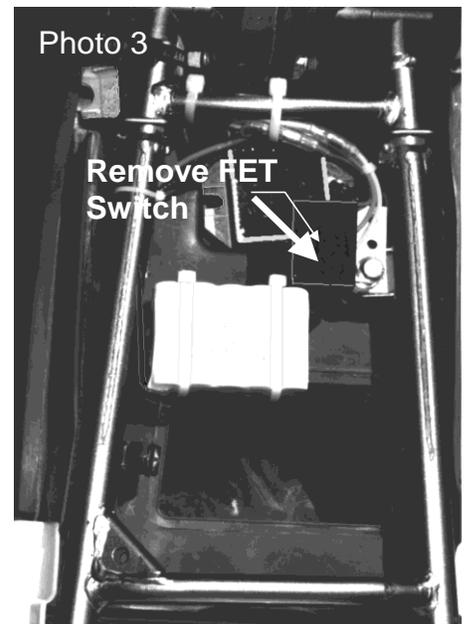
Your stator has been wound with two separate outputs to run your lighting systems. It features a dual wind with each output good for 125 watts. Both outputs are floating to allow you to use it with a single phase rectifier/regulator. Following are instructions for installing this stator on an XR 400 with a Baja Designs Dual Sport Kit.

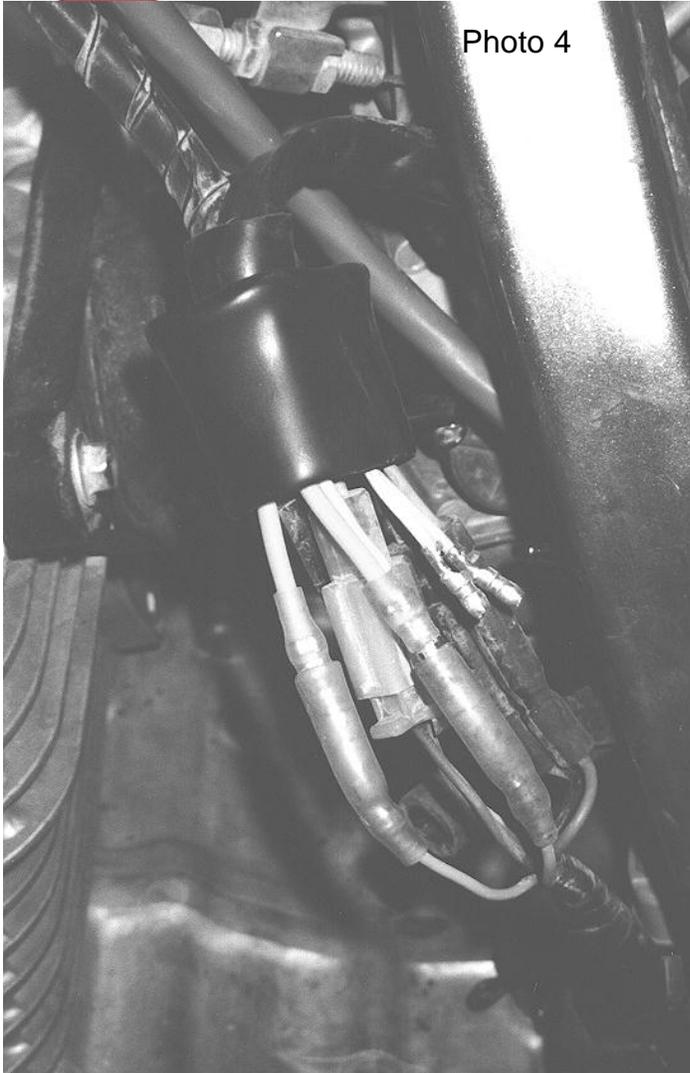
1. Reinstall the rewound stator on the motorcycle. Run the wires back up the frame to the stock location. *Make sure to install the stator with the wires against the side case as it was installed from the factory. If you install the stator upside down with the wires facing the center case, the flywheel will damage the wires.*

2. Reinstall the stock AC Regulator that was removed when installing the Baja Designs Dual Sport kit. It installs underneath the tank as shown in Photo 1. Plug the connector from the AC regulator back into the stock harness as shown in Photo 2.



3. Unplug and remove the FET switch (small black box with metal tab) that was installed when you installed the kit as shown in Photo 3.





4. Attach the pink and yellow wires from the stator to the matching pink and yellow wires from the stock harness as shown in Photo 4. You may need to lightly crimp the female ends of these wires to ensure a tight connection to the males from the stock harness. They may have been slightly stretched out by the connectors on the Baja Designs regulator when plugged in previously.

5. Plug the two white wires from the newly rewound stator into the two yellow wires from the Baja Designs rectifier/regulator. Polarity is unimportant.

6. Plug the remaining wires from the stator back into their corresponding mates from the stock wiring harness.

7. Locate the stock taillight connector (black connector with blue and green leads) from the stock wiring harness under the seat. It is located along the left seat rail. This connector was unplugged when installing the dual sport kit.

8. Locate the short length of orange wire provided with these instructions. Attach the end with the white plastic connector to the stock taillight connector that you located in the previous step. Attach the other end (with the female connector) to the orange wire from the Baja Designs wiring harness that you unplugged from the FET switch in step 3.

\*Note that the yellow and red wires that previously plugged into the FET will now remain unplugged permanently. Isolate these connectors so that they cannot contact the chassis.

9. Install up to a 100 watt bulb in the headlight, button everything back up, and go riding!



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.

The headlight is now on a separate AC circuit and will only run when the bike is running.

## Baja Designs Dual Wound Stator Connections XR 400

