

UPGRADE YOUR YAMAHA YZF-R1 NOW!



OPTION 1

Improved Charging System Upgrade

- ▶ Complete charging system equipped with the latest technologies
- ▶ Billet aluminum heatsink runs cooler by 33% than standard cast regulator housings
- ▶ Overheat protection: rather than burn up the regulator will simply turn off for a while and cool off
- ▶ Plug & Ride Voltage Regulator Design with heavy-duty connectors

P/N : RMS900-106862

OPTION 2

Improved Charging Systems Lithium-Ion Conversion Upgrade

- ▶ Mosfet Voltage Regulator designed specifically for Lithium-Ion batteries
- ▶ Regulator runs cooler than all SCR diode-style OEM regulators
- ▶ Overheat protection: rather than burn up the regulator will simply turn off for a while and cool off
- ▶ Plug & Ride Voltage Regulator Design with heavy-duty connectors

P/N : RMS900-106857

OPTION 3



Generator with Improved Flywheel Upgrade

- ▶ Meets & exceeds Yamaha's OEM specifications
- ▶ Highest grade of lamination materials
- ▶ Highest grade of copper winding, resistant to 200 degrees Celsius

P/N : RMS900-106628

OPTION 4



Improved Magneto Flywheel Rotor

- ▶ Built to OEM size to fit precisely on your ride: install it and forget it
- ▶ Uses high temperature epoxy that is stronger than OEM, eliminating the possibility of magnet detachment
- ▶ Has a high grade steel capping to prevent heat and friction from degrading the epoxy attaching the magnets

P/N : RMS120-105969

RMS LABS technologies included



Improved heavy duty epoxy

Our improved flywheel uses an high temperature epoxy that is stronger than OEM. It eliminates the possibility of magnets detachment.



High grade steel capping

To prevent heat and friction from degrading the epoxy attaching the magnets, our new flywheel has a high grade steep capping. Though extremely unlikely, if a magnet did ever come loose, it would remain in the sleeve preventing contact with the stator.



Plug & Ride voltage regulator regulator design

Our voltage regulator rectifier housings for Polaris RZR are manufactured to OEM specifications for a fast and easy installation.