Misfiring at 3000 to 4000 RPM - Caused by Voltage Regulator

Are you having a problem with **misfiring at 3000 to 4000 RPM** but not at idle? This can sometimes be caused by problems with the charging system. We recommend running the engine with the alternator disconnected briefly to see if the problem clears.

The misfiring is likely related to the **Podtronics Single Phase Voltage Regulator** POD-1P-HP 12v 200-watt rectifier – regulator. We have discovered that it creates excessive electrical noise interference that affects the ignition.

We have developed a filter to eliminate the noise problem that we now attach to every Podtronics Single Phase Voltage Regulator we sell. We also sell the filter as a spare part (VR-0010)

The Podtronics Single Phase Voltage Regulator is not suitable for use with Tri-Spark Electronic Ignitions without the filter. The noise interference is severe enough that it could affect any electronics on the bike.

The Podtronics Single Phase with Capacitor (VR-0002) and the The Podtronics Three Phase Voltage Regulator (VR-0003) are excellent alternatives as they do not create excessive noise interference.

The Podtronics Single Phase Voltage Regulator with the electrical noise problem is identified as

Podtronics Single Phase Voltage Regulator - Single Phase POD-1P-HP (CS-4035), (JRC 17-104A)

12v 200-watt Rectifier – Regulator. Designed for single phase 200-watt permanent magnet alternators on British and other European motorcycles. Replaces old Lucas rectifier and Zener diode.

May be identified with other part numbers