



ETON America, LLC



Service Bulletin

Bulletin No: 0056
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2009 Matrix 50 battery not charging

PROBLEM: Matrix 50 battery will not hold charge.

SOLUTION: The 2009 beamer Matrix 50 is equipped with a light control module, this module will dim the headlights to 20% if the rpm's fall to an idle for more that 1 minute. Some of the module are not working properly and will keep the headlights on at full power, this will pull a draw on the battery. Not all 2009 matrix 50's are affected, and the purpose of this bulletin is to check the PTC controller before going to the AC generator, or the voltage regulator. If the PTC Controller does not dim the headlights after 1 minute at idle replace the controller with part # 813792. If the headlights do dim the check the charging voltage from the A/C Generator s/b 13.0—14.5V AC. Next check the voltage from the rectifier s/b 13.0 –14.5V DC. Next test the battery for bad cell.



OLD
PART#
810424

NEW
PART#
813792