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Service Manual

Harley-Davidson

1991 - 2003 XL883 / XL1200



Harley Davidson 2003 Sportster Service Manual

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web an alternator with a faulty voltage regulator will make a whining or humming noise as it receives inaccurate voltage signals from the regulator full fielding an alternator bypasses the voltage regulator and produces maximum voltage output charging voltage can be regulated using an electro mechanical electronic or computer controlled regulator

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web aug 28 2023 if the output voltage reading is 16 volts or higher there s an overcharging problem this usually indicates a bad voltage regulator if voltage seems to fluctuate during your test switch your voltmeter to the ac voltage scale and take another output voltage reading with the engine still running

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