

# SERVICE BULLETIN



M-1088

September 22, 1999

## 2000 MODEL YEAR XL VOLTAGE REGULATOR

### General

It has come to our attention that a grounding issue may exist with the voltage regulator on the Model Year 2000 XL Motorcycles. Voltage regulators are self grounding from the face of the regulator to the threads in the frame mount area. It has been observed the fasteners holding the voltage regulator were not digging completely through the paint on the frame mount area, hence not making a good ground contact with the regulator.

### Dealer Action Affected Vehicles

Perform the corrective action below during Pre-Delivery Setup on any Model Year 2000 XL Motorcycles which fall into the V.I.N. range described below.

### V.I.N. Range

Model Year 2000 XL Motorcycles manufactured prior to production date 9/9/99 with V.I.N. serial no. #117299 and lower.

### Service Procedure

1. See Figure 1. Back fasteners out one full turn.

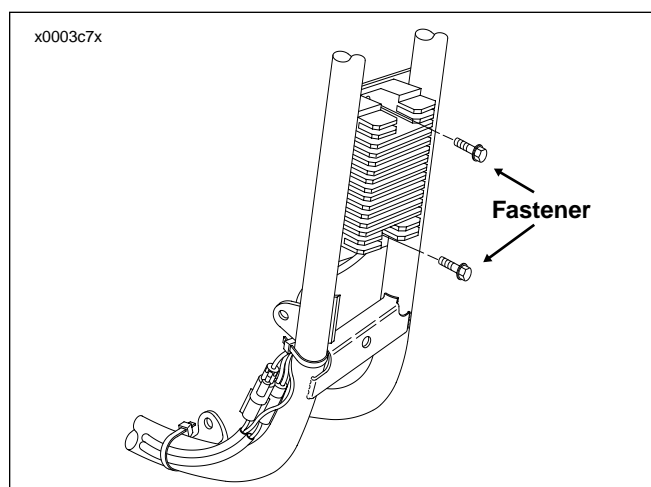


Figure 1. Voltage Regulator

2. Retorque fasteners to 70-80 in-lbs (7.9-9.0 Nm).

#### NOTE:

*This action removes the paint from underneath the fastener head area and allows metal to metal contact for proper ground.*

3. Check battery with a volt meter. At 2000 RPM, the battery voltage should be between 14.3-14.7 VDC.

#### NOTE:

*If volt meter reading is not within this range, see XLH Service Manual - Chapter 7 "Charging System Troubleshooting".*

4. Road test vehicle.

Table 1.1999 Harley-Davidson® Inc.

ROUTING	SERVICE MANAGER	SALES MANAGER	PARTS MANAGER	LEAD TECHNICIAN	TECHNICIAN NO. 1	TECHNICIAN NO. 2	TECHNICIAN NO. 3	TECHNICIAN NO. 4	RETURN THIS TO:
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