



## NHTSA SAFETY RECALL

August 21, 2007

### Safety Recall Notice #07V-356 Voltage Regulator Replacement Remedy

Dear Big Dog Motorcycles Dealer/Service Center:

Big Dog Motorcycles, L.L.C. (Big Dog Motorcycles) has determined that there is a safety defect in the voltage regulator installed on certain 2005 and 2006 model motorcycles. Voltage regulators on these motorcycles with a manufacture date code of 04 or 05 may be susceptible to developing a short circuit which, in turn, may result in a fire without prior warning.

The specific motorcycles that are being recalled are all 2005 and 2006 models. A recall notice will be sent to all registered owners of motorcycles within the affected population.

#### What You Should Do

We ask that you inspect the voltage regulator manufacture date code on all affected motorcycles. **Voltage regulators with a manufacture date code of 04 or 05 will need to be replaced. Voltage regulators will not need to be replaced if they have a manufacture date code of 06 or later.** We ask that you immediately suspend all pending and future sales of motorcycles affected by this recall campaign until the remedy has been performed. It is a violation of Federal law for a dealer to deliver a new motorcycle covered by this notice under a sale or lease until the defect is remedied. Federal regulations require any lessor receiving this letter to forward it to the lessee within 10 days.

Owners of the above-mentioned motorcycles will contact you to schedule a time for you to perform the inspection and, if needed, the remedy. At the time of inspection, enter a warranty claim through AWS using Labor Op R07V-356. Follow this voltage regulator inspection procedure for any affected motorcycles in your current inventory. Big Dog Motorcycles will pay .6 hour of labor to make this inspection and, if necessary, replace the voltage regulator, at your posted hourly shop rate. Order replacement voltage regulators (P/N BDM170-00420) through AWS. Contact the Customer Service Department for any questions you may have on submitting claims for this recall.

In addition, any voltage regulator in your inventory with a manufacture date code of 04 or 05 must be returned to Big Dog Motorcycles under an RMA. No restocking fee will apply to the return.

We will inform the owners of these motorcycles of this recall on or about October 1, 2007. You can advise them of the exact turnaround time based on scheduling and any other factors that may exist.

We appreciate your cooperation and prompt attention to this important matter. Big Dog Motorcycles apologizes for any inconvenience this may cause you, but assures you that we have taken this step as one that is important to our customers' personal safety.

Should you have any questions, please contact Customer Service at 316-267-9121.

Sincerely,

BIG DOG MOTORCYCLES, L.L.C.



## NHTSA SAFETY RECALL

### VOLTAGE REGULATOR INSPECTION AND/OR REPLACEMENT Recall # 07V-356

**IDENTIFICATION:** All 2005 and 2006 Models.

**ACTION:** Remove voltage regulator, inspect the date code and replace if necessary.

*NOTE: Before performing **any** of the following procedures, disconnect the battery, ground cable first.*

**WARNING! TO PREVENT SPARKING, ALWAYS DISCONNECT GROUND CABLE FIRST AND RECONNECT LAST. SPARKS MAY CAUSE FLAMMABLE SUBSTANCES TO IGNITE OR EXPLODE.**

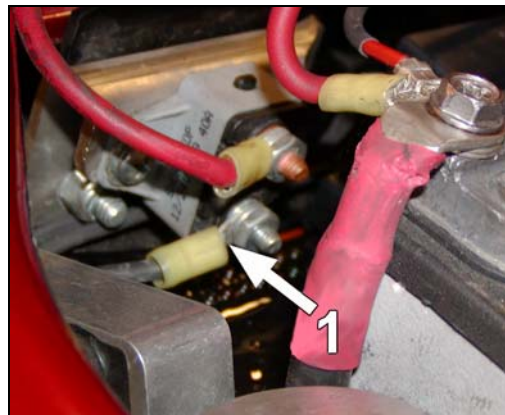
1. Remove the two screws and washers retaining the voltage regulator to the frame.
2. Carefully clean the frame where the voltage regulator is installed, and clean the voltage regulator (do **not** use solvents, which may dissolve lettering) in order to read the date codes.
3. View the voltage regulator date code as illustrated below. The first two digits (**XX**) on the bottom row of text represent the year of manufacture.



*Numbers above red line indicate year of manufacture.*

4. If the voltage regulator date code is **06** or later, reinstall and disregard further instructions.

5. If the voltage regulator date code is **04** or **05**, remove and replace with P/N BDM170-00420 and follow the remaining instructions.
6. Remove the seat, or the left side cover to gain access to the circuit breaker.
7. Remove the B+ wire (shown below) from the circuit breaker. Cut away wire ties and remove from wire looms all the way to the voltage regulator.



*1. B+ voltage regulator wire on circuit breaker.*

8. Unplug the voltage regulator from the stator.

*NOTE: Thoroughly clean threads of all screws removed prior to assembly. Thoroughly clean internal threads at all screw locations. Use Loctite products as indicated. Use torque values specified.*

9. Return replaced units to Big Dog Motorcycles.
10. Installation of the new voltage regulator is the reverse of removal. Use Loctite 2440 on the threads of the voltage regulator screws and tighten.

Enter a Warranty Claim for this procedure through AWS. Use Labor Op R07V-356.

If further assistance is needed, contact Big Dog Motorcycles Technical Support at 316-219-7000.