



Service Bulletin

MOTORCYCLE / ATV DIVISION

4 - STROKE
TL/SV/DL BULLETIN NO. 35
DATE: 7/17/2006

SUBJECT: LOW RPM SURGING

MODEL: ALL 2004 - 2005 (K4 & K5) DL1000
EARLY 2006 (K6) DL1000 (BEFORE JS1VT53A*62101509)

REFERENCE: DL1000 SERVICE MANUAL (99500-39234-03E)

NOTICE:

Most DL1000 owners are fully satisfied with their DL1000 V-twin operational characteristics. However, we have found that a small number of customers who own DL1000 2004-2005 and early 2006 models may possibly experience a surging or hesitation under certain operating conditions. This operational characteristic is most noticeable when operating at steady throttle settings in the low rpm range.

For those customers who routinely operate their unit under these conditions, and whose unit exhibits surging or hesitation, an optional ECM has been developed to minimize this characteristic.

To ensure customer satisfaction with their DL1000, Suzuki will replace the ECM on a customer's unit which exhibits this condition at no charge to the customer.

To determine if an optional ECM is required, the following maintenance related adjustments must be checked regardless of mileage prior to ECM replacement. It is recommended that the unit has a minimum of 600 miles to insure proper break-in. Misadjustments to these systems will produce symptoms similar to those described above.

- * Throttle Body Synchronization
- * Valve Clearance Adjustment
- * Idle Speed Adjustment
- * TPS Adjustment

Procedure

Replace the original ECM with the revised ECM. Refer to Service Manual page 4-15 for component location. Make certain that the ignition key is in the off position when disconnecting the original ECM and connecting the replacement ECM.

Parts Ordering

Order replacement ECMs using regular parts ordering methods. Use the information below to order the correct ECM for your customer's motorcycle.

<u>Model</u>		<u>P/N</u>
2004, 2005 DL1000		
E03	➔	32920-06G61
E33 (CA spec)	➔	32920-06G71
2006 DL1000 (all specs)	➔	32920-06G71

Warranty Information

Submit a regular warranty claim for the replacement of the ECM using the following information.

<i>Causal Part</i>	32920-06G61 or 32920-06G71
<i>Complaint Code</i>	05
<i>Defect Code</i>	99
<i>Labor Operation</i>	FB09RO
<i>Labor Time</i>	0.2 hrs
<i>TSM Authorization#</i>	Required for all claims

Old ECM Return

Return the old ECMs to American Suzuki. Completely fill out and securely attach a Warranty Parts Tag, (PN 99923-09822-003), to each ECM. In lieu of a Warranty Parts Tag, label the ECM with masking tape. Include the following information:

VIN	Dealer Number
Customer Name	Dealer Name
Date of Repair	Dealer Repair Order Number

Package the ECMs to prevent shipping damage. Select ground service for the shipping type. It is recommended to use a freight service which can track the shipment. Each ECM must be tagged with the appropriate information. Ship to:

American Suzuki Motor Corporation
Motorcycle Technical Department
3251 E. Imperial Hwy.
Brea, CA 92821-6795

NOTE:

All replaced ECMs must be returned to American Suzuki. If American Suzuki has not received the ECM within 30 days of Warranty Request Submission, the repair reimbursement may be debited.

AFFECTED DEPARTMENTS:

The following departments in your dealership should be notified of this information:

Management Service Warranty Sales Parts Accessories

American Suzuki Motor Corporation
Technical Service Department
Motorcycle / ATV