

Dealer Principal		Service Manager		Service Technician	
Sales Manager		Parts Manager		Service Technician	

SUZUKI AUSTRALIA PTY. LIMITED

A.C.N. 001 828 164

97-105 Cherry Lane

Laverton North, Vic. 3026

(PO Box 84, Laverton, Vic 3028)

Telephone: (03) 9931 0500

Fax: (03) 9931 0511



CATEGORY: STREET

ISSUE NO.: GSX-R1000/29

DATE: 6/09/2007

PAGE: 1 of 4

Idle Speed Control and ECM Replacement Recall Campaign

**Campaign Reference No: SRC07- 04
GSX-R1000K7**

**Effected VIN: From JS1CL111200100003
To JS1CL111200100475**

After reports from the market of erratic idle speed it has been decided that the GSX-R1000K7 will be recalled to have the Idle Speed Control Valve (ISC) and the Electronic Control Module (ECM) replaced. The internal design of the ISC and the programming of the ECM have been changed.

Warranty Claim Information

Claim category	2 (Campaign)
Trouble Code	99-JZ
Causal Part	ISC VALVE
Causal Part No.	18117-10G00
Quantity	0
Basic code	DJ9999
Flat Rate	0.7 Hr
Claimed Part	32920-21H5X-KIT

Recall Campaign Parts

Replacement ECM can be identified by one or two paint dots and ISC will have one. Order recall kit parts with attached order form.



Replacement Procedure:

Reference: GSX-R1000K7 Suzuki Service Manual 99500 - 39310 - 01E

The new ISC valve and replacement ECM must be installed as a set to prevent a malfunction of the ISC valve. The replacement ECM contains revised programming which controls the ISC valve functions related to idle speed. The ISC valve related ECM changes have no effect on overall performance of the motorcycle.

1. Remove the front seat and disconnect the battery. (Refer to Service Manual, Page 8-8)
2. Lift up the fuel tank. (Refer to Service Manual, Page 5-3)
3. Remove the air cleaner box. (Refer to Service Manual, Page 5-14)
Cover the throttle bodies to prevent anything from dropping into the engine.
4. Remove and replace the ISC valve. (Refer to Service Manual, Page 5-25)

NOTE: Since the ECM is also being replaced there is no need to perform the ISC valve preset operation. Carefully insert the ISC valve straight into the throttle body hole to prevent damaging the o-ring. Turn the ISC valve slightly to confirm that the o-ring has not twisted. Using the new screw provided in the replacement parts kit, make sure the screw is completely seated on the plate after the screw has been tightened to the specified torque.

ISC Valve Mounting Screw Torque: 2.1-0.6 N.m (1.5-0.4 lbf-ft)

5. Install the air cleaner box in reverse order of removal. (Refer to Service Manual, Page 5-14)
6. Lower the fuel tank. (Refer to Service Manual, Page 5-3)
7. Remove the upper seat rail plate. Disconnect and remove the ECM. (Figure 1)
Upper seat rail plate
8. Install the new ECM in reverse order of removal.

Note: To complete the Key Registration to new ECM you must have two ignition keys

The replacement ECM is ready to accept the two existing keys.

9. With the engine stop switch in the ON position insert one of the keys used previously and turn the ignition switch on.
The indicator light will be on. When the indicator light lighting mode changes to slow flashing, wait for slow flashing to stop, then the registration of the 1st key is complete.
10. Turn the ignition switch off and remove the first key that has been registered.
11. Insert 2nd key and repeat above procedure.

Confirm both keys are accepted by inserting a key and turning the ignition on you should hear fuel pump run and the engine will now start. Start Engine and confirm the idle speed is within specification. **Standard: 1,150 ± 100 rpm**

12. Use Suzuki Diagnostic System to clear Detected trouble codes.
13. Please fix the recall label forward of the rear shocker mount



14. Please place the completed Warranty Claim form, old ECM and ISC valve into the post pack provided. Put your address on the back and mail to Suzuki. If the old parts are not received by Suzuki Australia within 10 days of placing your recall kit order, your spares account will not be reimbursed \$995.00 charge for the recall kit.

GSX-R1000K7 ISC & ECM REPLACEMENT KIT

Order Form

Fax to SAPL Spare Parts – (03) 9931 0533

Date _____

Dealership _____

Address _____

Replacement Kit – **32920-21H5X-KIT**

Quantity required - 1

Effected VIN Range -**JS1CL111200100003 to JS1CL111200100475**

VIN of Unit Requiring ISC & ECM replacement kit

MODEL	VIN															
GSX-R1000K7																
GSX-R1000K7																
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GSX-R1000K7																

All owners will be notified of this Campaign by post. Please do not order kits unless an owner has contacted you and wants the Recall carried out at your dealership.

Please copy this order form for future use.