

Notification of an error on units DCCDIP2 "open loop".

Units marked "open loop" contains an error in the output circuit software control. Units with this marking are mainly used as substitutes for motorcycles XLV600 (1987-1995), XRV750 (1990-1995) and XLV750.

Due to this software error the auxiliary transistor heats in the output circuit. Heating of the transistor increases with increasing revolution. The heating does not occur when is used the ignition coil with high inductance of the primary winding. This is unfortunately not the case of the above mentioned motorcycles.

In the units produced till March 2012 is used a transistor with which the heat is not too big and can be tolerated. Unfortunately since March 2012, there are other transistors used in the units. They cause more heating leading in some cases to melting of the tin connections on the PCB and the subsequent connection of the transistor pins. The auxiliary transistor is usually not destroyed due the effect of this failure. But the problem is, that the connection of his pins leads to a modification of the shape of the generated output signal which leads to the malfunctioning of the fuel relay on the above mentioned bikes. If you encounter this failure, the only solution is to send the unit to us for reparation. Of course, we will repair the unit free of charge, even if the warranty period expired. This error may in some cases affect the operation of the tachometer.

If you do not yet have this unit malfunctioning, the solution is to change the firmware. To replace the firmware you need a PC with a serial (COM) port or an adapter USB / COM.

When changing the firmware the unit must be powered. The easiest way is to leave the unit plugged into the machine. In case of replacement firmware outside the motorcycle is necessary to connect the power supply to pin 13 (+12 V) and pin 11 (ground).

Software for the replacement of firmware version 91 can be downloaded here:

http://www.ignitech.cz/zdroj/upload/DCCDIP2/140423a_dccdip2_v91_uploader.exe

Software for the replacement of firmware version 85 can be downloaded here:

http://www.ignitech.cz/zdroj/upload/DCCDIP2/130923a_dccdip2_v85_uploader.exe

The replacing of the firmware with this procedure is posible only for units manufactured from January 1, 2011. Older units must be for replacement of the firmware sent to us.

The procedure how to replace the firmware:

- Download the above software in PC.
- Turn off the power to the unit (switch keys on a motorcycle).
- Connect the serial (COM) port to the unit.
- Run the software and click "Upload".
- Turn on the power supply unit (turn the keys to the motorcycle).
- This will launch the upload procedure that takes about 10 seconds. During this procedure do not interrupt the power supply of the unit.

We apologize to all users for problems caused by this issue.

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