

## **Announcement of a firmware bug on some units TCI.**

The bug occurs only in units of TCI, in the pickup system "1 or 2 pickup coil, 1 pulse lobe" only where the angle length of the pulse lobe is shorter than 25 to 30 degrees. The bug manifests abrupt reduction of the ignition advance at high speed (at approx 3000 to 4000 rev / min and above). Sudden reduction of the ignition advance, of course, effects in the rapid power reduction in these revolutions.

Because the fact that our test products have pickup system with pulse lobe with an angular length of about 40 degrees, we have found that defect with a long delay. The bug occurred in 2008 when modifying firmware that led to facilitate the use of units, especially in terms of determining the polarity of sensors.

For the programmable products (such as TCIP4, DCCDIP2 ...) we store before the sale of units the informations about the firmware version and the version of the setup software. These informations are used to facilitate any future repairs. Unfortunately our company does not store the informations about the firmware version in the non-programmable TCI unit which we sold to each customer. Firmware with this error was first used very rarely. Using of the firmware with this error increased in 2013. Unfortunately we are not able to say exactly which unit contains the wrong firmware and which doesn't.

If the above-described defect in the customer's motorcycle (sudden decrease of performance at higher speeds) has not shown yet, the customer doesn't need to worry about this bug of the unit firmware.

However, if this defect occurs, the only way to remove it is changing of the firmware. This must be done in our company.

Of course we immediately ready to repair or replace the unit for all customers by which the defect occurred. This also applies to those whose warranty has expired.

We apologize to all customers who had any troubles caused by this error.

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