

## Manual for using EDC17C46 Bosch ECU probe with CMDFlash – Page 1.



**1. Description:** This probe can be used for programming VAG EDC17C46 Bosch ECU's. It fits in most BDM positioning frames and is fitted with LED's for accurate alignment on the ECU. The "Boot" resistors and the "Reset" lines can be disconnected via a switch to read out the password of protected ECU's. The LED's can also be switched off.

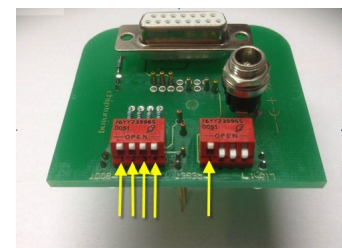
**There is no need for soldering to the ECU at all!**

**2. Handling and adjustment:** Place the probe into the BDM frame retaining bracket and tighten the screws. Attach the CMDFlash tool to the Tricore boot interface and power supply. Then connect the boot interface to the serial connector on the probe.

If lighting is required you can connect a 12V power supply to the jack on the probe (this only powers the LED's and not the ECU). It is possible to use the CMD power supply to power the LED's temporarily whilst aligning, once aligned you can return the power supply back into the CMD interface.

Adjust the ECU on the frame so it is lined up on the left side like in the picture below. Move the retainer carefully towards the ECU and ensure that all the pins are in their designated position. A diagram showing the location of the connections can be found on page 2.

**It is very important, that the retainer is free from backlash and moves smoothly!**



**3. Reading password: (This step is only necessary for TP8+).** Lift up the DIP switches as shown in the picture, you can now read the password. "Boot" and "Reset" are labelled on the probe.

**4. Programming the ECU:** Push the DIP switches down and proceed with programming.

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**The pads marked in yellow have to make contact with the probe.**

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