Manual for using EDC17C59 probe with CMDFlash.

1. Description: This probe can be used for programming Opel / Vauxhall EDC17C59 ECUs with CMDFlash. It fits in most BDM positioning frames and is fitted with LEDs for accurate alignment on the ECU.
The probe is fitted with switches that allow the circuit to be changed for password reading (CMD BMW Fxx tool set required), and also regular programming over boot mode.
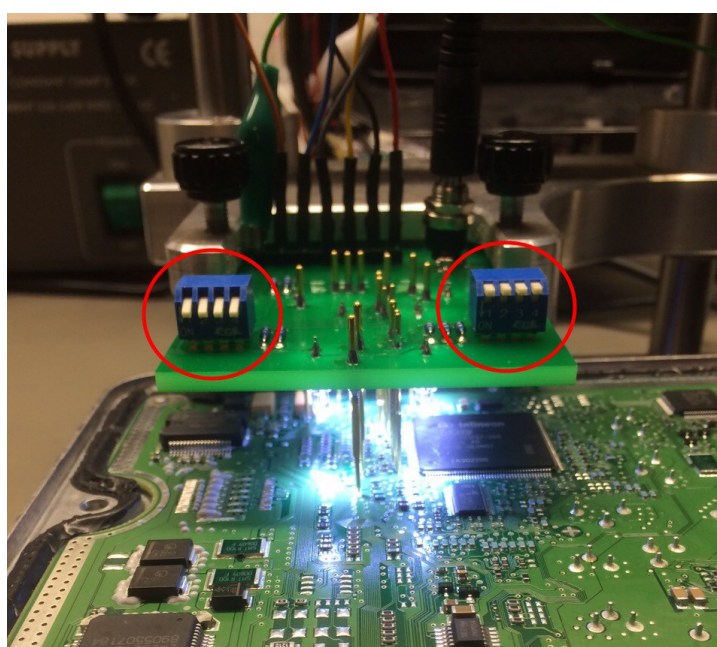
There is no need for soldering to the ECU at all!

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 a power supply. Then connect the universal cable supplied with the CMD BMW Fxx tool set to the Tricore interface, and attach the loose cables to the probe (12V, GND, CANH, CANL, BT2, BT3, RST)

If lighting is required you can connect a 12V power supply to the jack on the probe (this only powers the LEDs and not the ECU). It is possible to use the CMD power supply to power the LEDs temporarily whilst aligning, once aligned you can return the power supply back into the CMD interface.
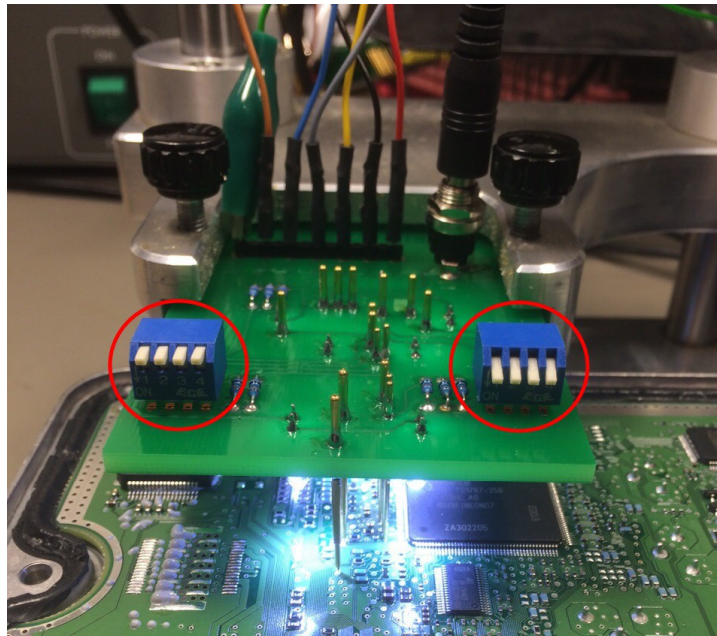
Move the retainer carefully towards the ECU and ensure that all pins are in their designated position. A detailed diagram showing the location of the connections can be found at the end of this manual.

3. Read password: Position the DIP switches as pictured below. All switches on the left down and all switches on the right up. You can now read the password.
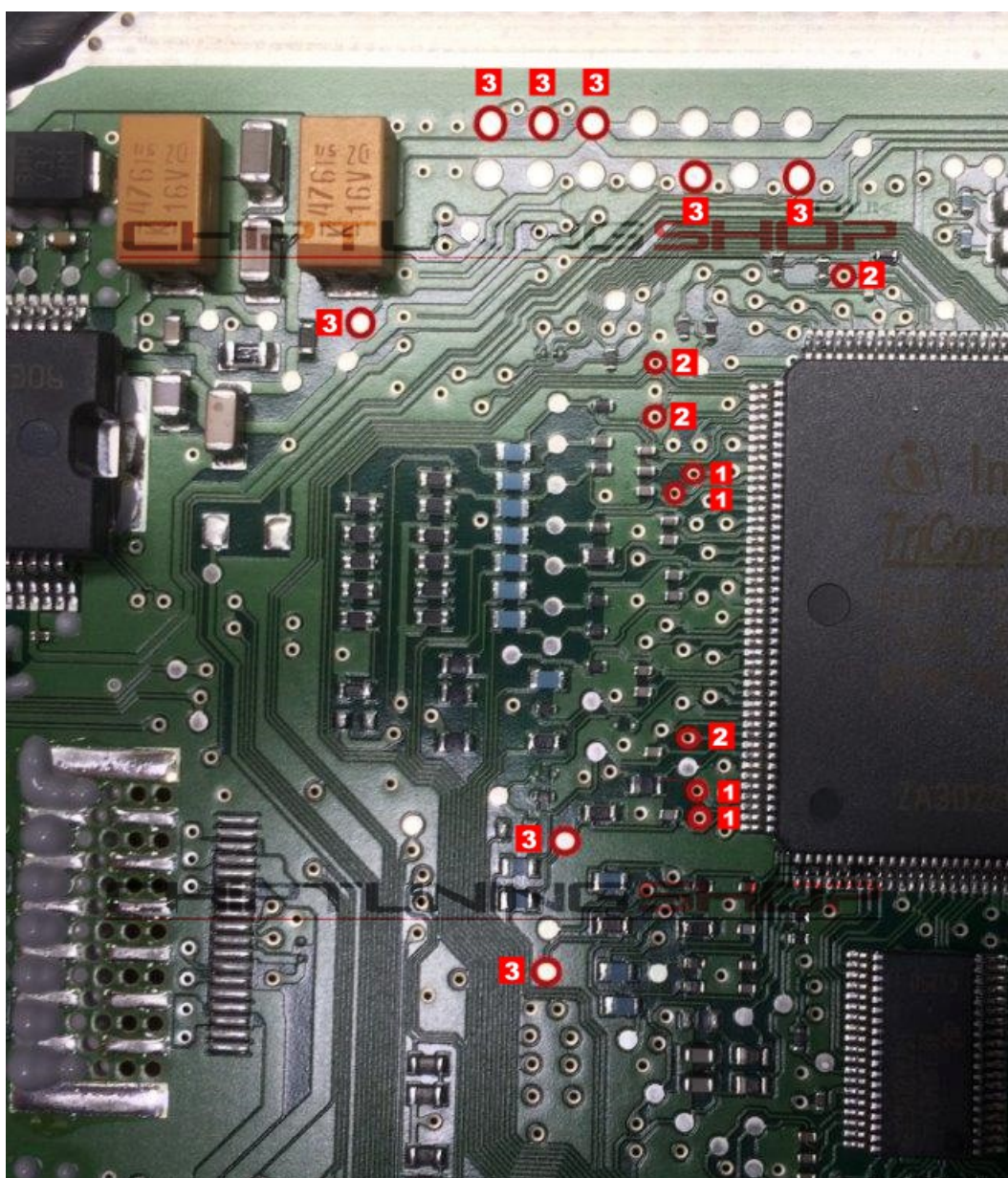

Probe set to password reading mode.

4. Programming the ECU: Position the DIP switches as pictured below. All switches on the left up and all switches on the right down. You can now proceed with programming.

Probe set to boot programming mode.

The pads marked in red have to make contact with the probe.
The pins on the probe are fitted at 3 different heights. The red numbers show the 3 stages in which the probe hits the ECU.

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