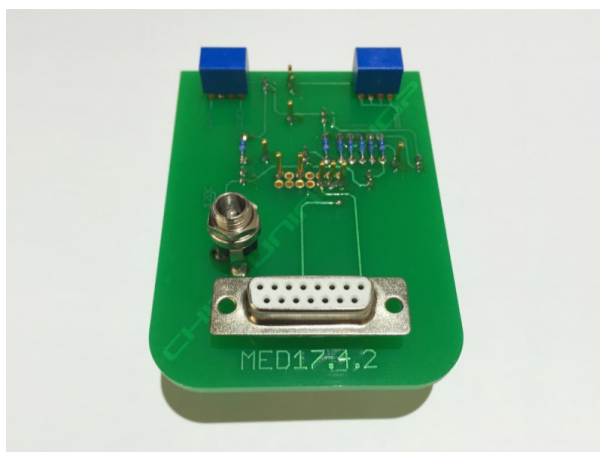


## Manual for using MED17.4.2 probe with CMDFlash.



**1. Description:** This probe can be used for programming PSA MED17.4.2 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.

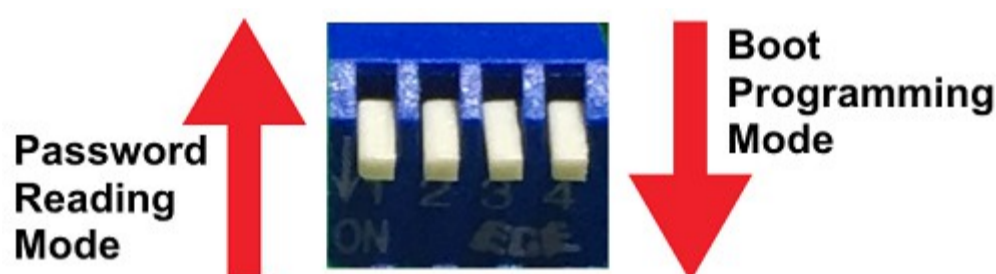
**There is no need for soldering to the ECU at all!**

**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.

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. Reading password: (This step is only necessary for TP8+)** Lift up the all of the Boot / Reset DIP switches as shown in the diagram below, you can now read the password. Currently no ECU's with TP8+ are produced, however the function has been added to probe regardless to ensure it is future proof should Bosch decide to implement it later on.



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



**The pads marked in red have to make contact with the probe. The pins on the probe are fitted at different heights to allow easier connection in 3 stages.**

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