

## Manual for using Simos PCR ECU probe with MPPS. - Page 1

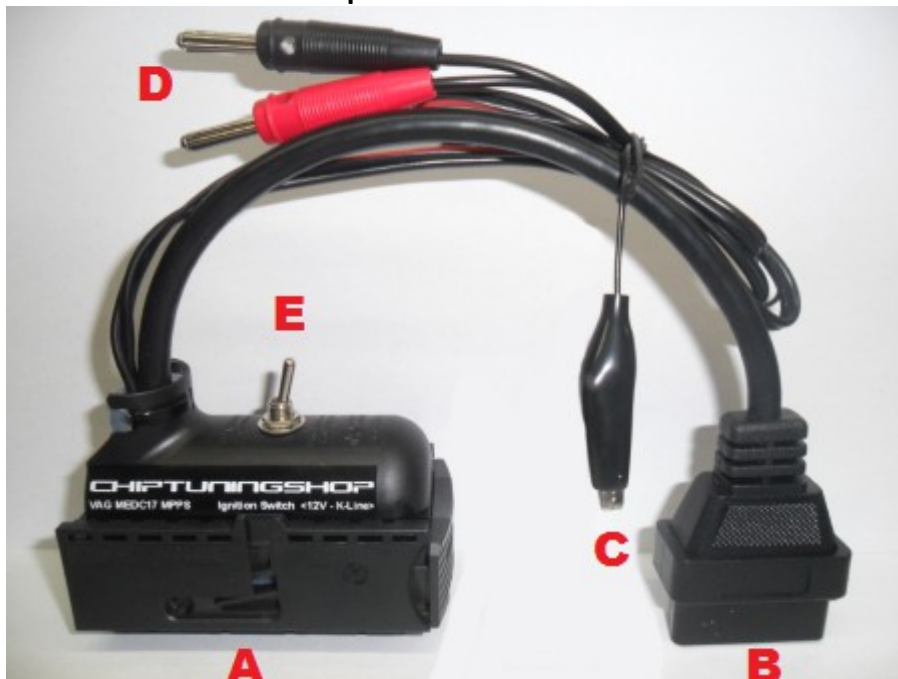


**1. Description:** This adaptor set can be used for unlocking and programming Simos Continental PCR2.1 ECU`s. It fits in most BDM positioning frames. Included in the kit is the PCR probe and an ECU cable.

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

**2. Handling and adjustment:**

### Adaptor Cable Overview



**A = Connect to ECU**

**B = Connect to MPPS OBD Port**

**C = 1K ohm boot wire, not used for Simos PCR. (Can be used on VAG Bosch MEDC17)**

**D = Power Supply to ECU - ONLY CONNECT WHEN INSTRUCTED!**

**E = Ignition – Switch to 12V for OBD operations / Switch to K-Line for boot operations**

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Place the probe into the BDM frame retaining bracket and tighten the screws. Attach the MPPS tool to the ECU cable connection **B**, and connect the plug **A** to the ECU. Set the ignition switch **E** to the “K-Line” position. **DO NOT CONNECT ANY POWER SUPPLY TO THE ADAPTOR CABLE YET.**

Adjust the ECU on the frame, then 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 3.

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

Once the pins are correctly aligned it is safe to connect a power supply to the adaptor cable. You can now unlock the ECU!

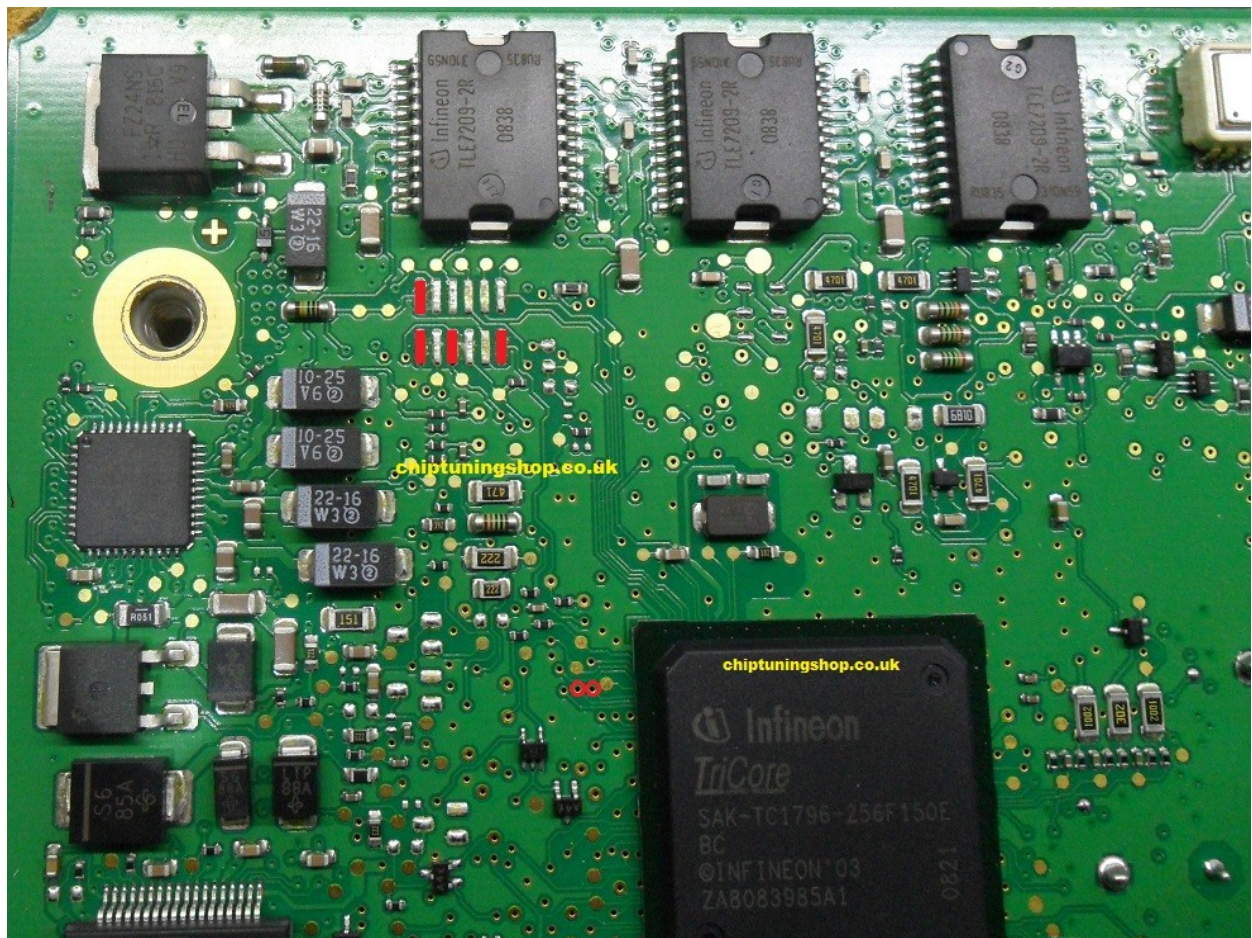
*(Please note that “Reset/Boot” pins have no function for MPPS, it is not necessary to connect anything to the “Reset/Boot” connections on the probe)*



**3. Disconnecting:** To safely disconnect the probe from the ECU, you must first remove the power supply on the adaptor cable (see adaptor cable overview on page 1). Once the power cable is disconnected it is safe to lift the BDM frame and probe away from the ECU.

**4. Programming the ECU:** After the ECU is successfully unlocked you can program the flash memory from OBD. You can also program the ECU on the bench using the cable with the ignition switch **E** set to the “12V” position. **The probe is not needed for this operation.**

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

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