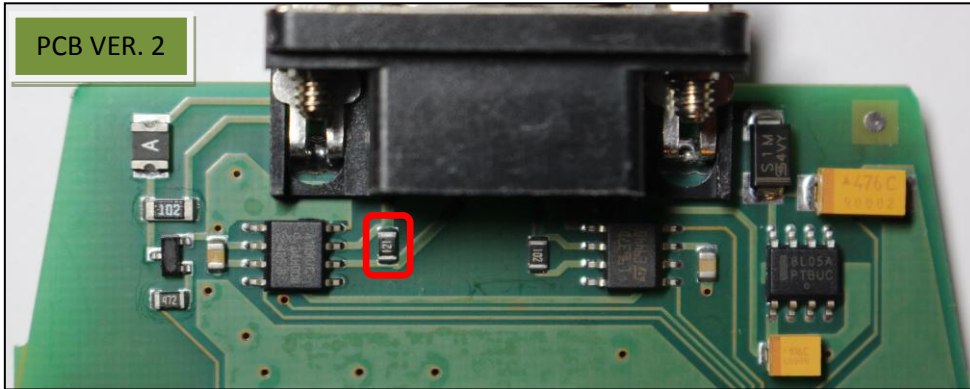


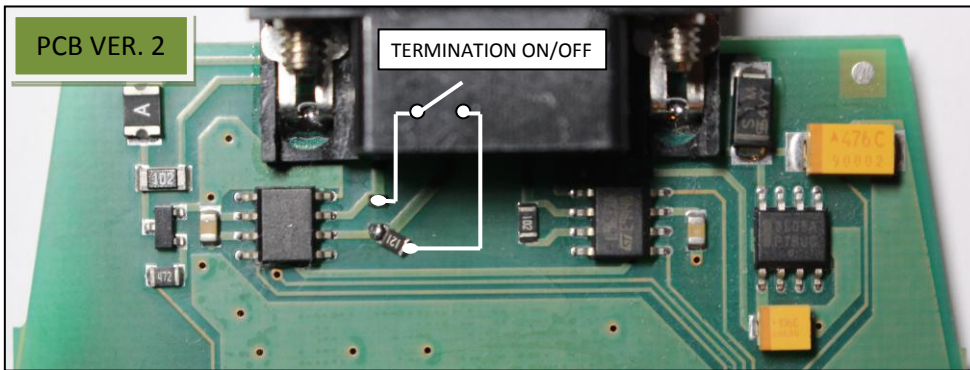
ESPACE III '1998-'2002 VALEO INSTRUMENT CLUSTER

Basic hardware modification of Renault ECU Tool interface is needed to make ESPACE III instrument cluster programming possible.

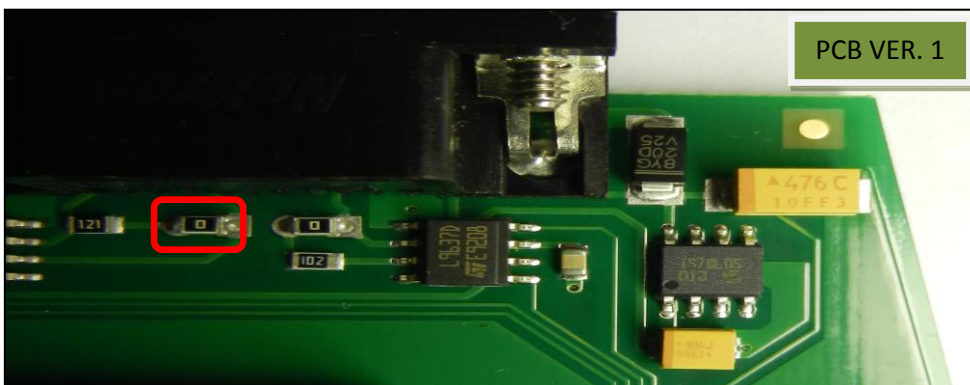
Please open blue box to remove 120 Ohm resistor, connected between CAN-L and CAN-H lines. Make this resistor switchable to maintain compatibility with other systems that requires termination resistor. All you need is couple pieces of thin wire and ON/OFF switch of any type.



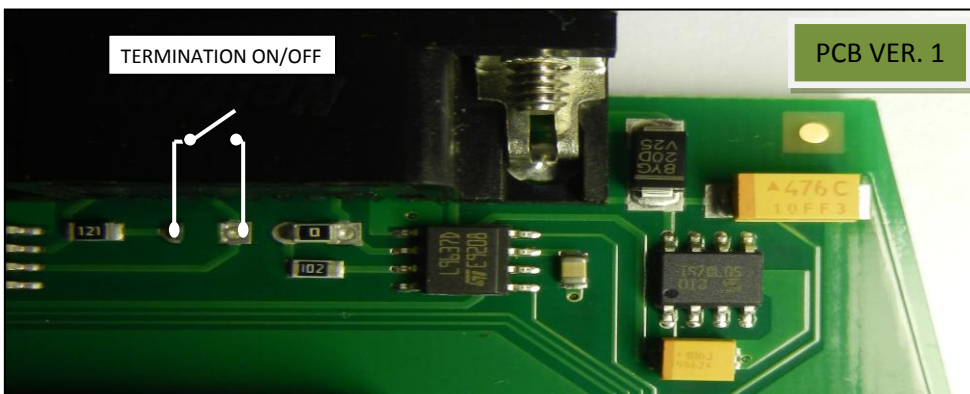
VER.2 BEFORE MODIFICATION



VER.2 AFTER MODIFICATION

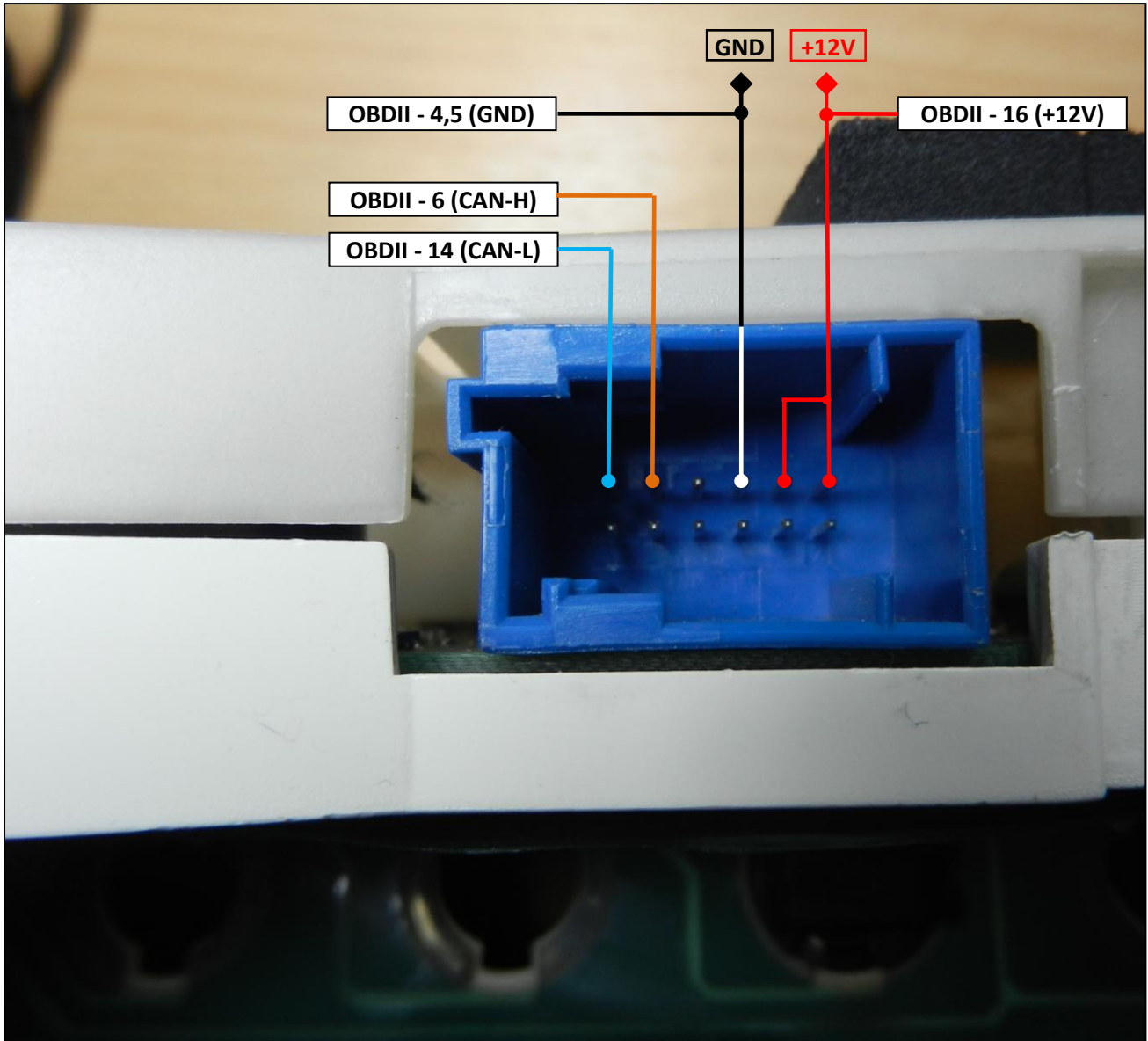


VER.1 BEFORE MODIFICATION



VER.1 AFTER MODIFICATION

➤ HOW TO CONNECT



120 Ohm termination resistor in the Renault ECU Tool must be disconnected from CAN lines!

➤ HINTS ABOUT RESET ODOMETER



Trip odometer will hold non-zero value when instrument cluster is turned to on by means of <Wake-Up> button, right after reset-to-zero. This is normal – just disconnect power supply from instrument cluster and trip odometer will be cleared to zero in about 5 seconds (when capacitors inside instrument cluster will discharge).

➤ HINTS ABOUT RF REMOTES

When RF remote programming is erased from instrument cluster:

- Install instrument cluster to car
- Turn ignition OFF and remove key from ignition lock
- Press and hold central locking button (in the roof console, next to hazard lights switch) until immobilizer LED will stay solid ON
- Press 1st RF remote once
- Press 2nd RF remote once

NOTE1: If only one remote controlled key must be programmed, please go to configurations of BII module to change programming type to „WITH 1 KEY“.

NOTE2: If two remotes must be programmed, both keys must be from the same car. For example, an extra remote, brought from another car, can't be programmed as a supplementary to the existing RF remote.