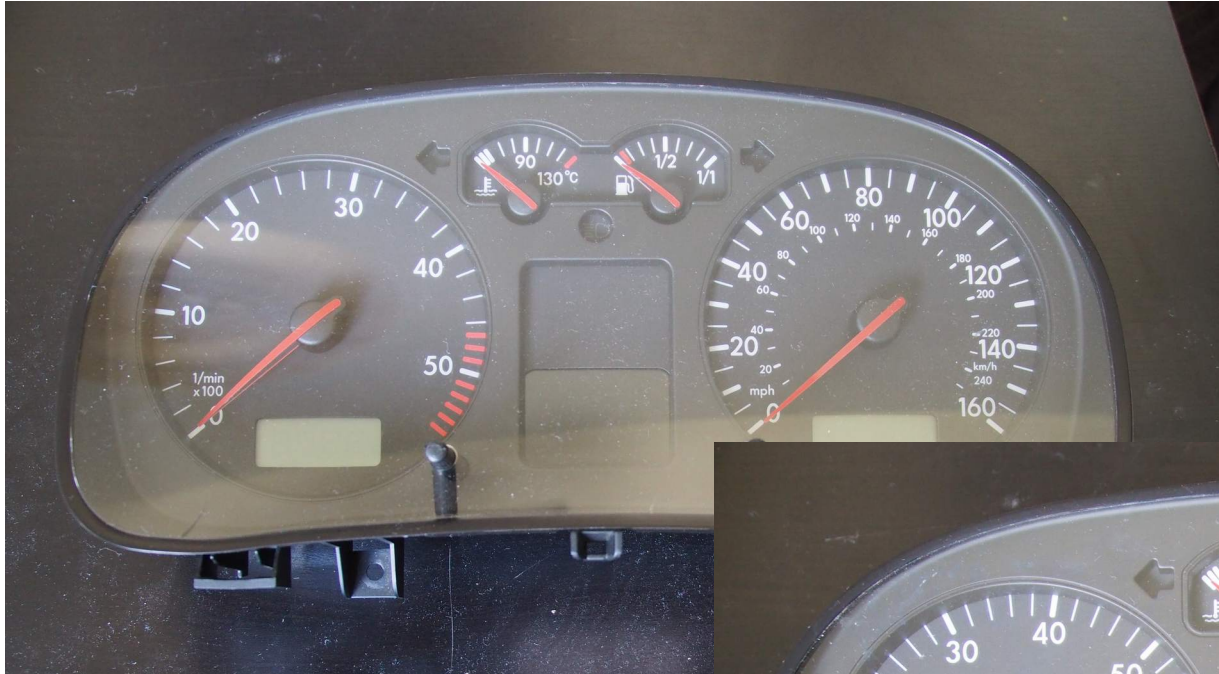
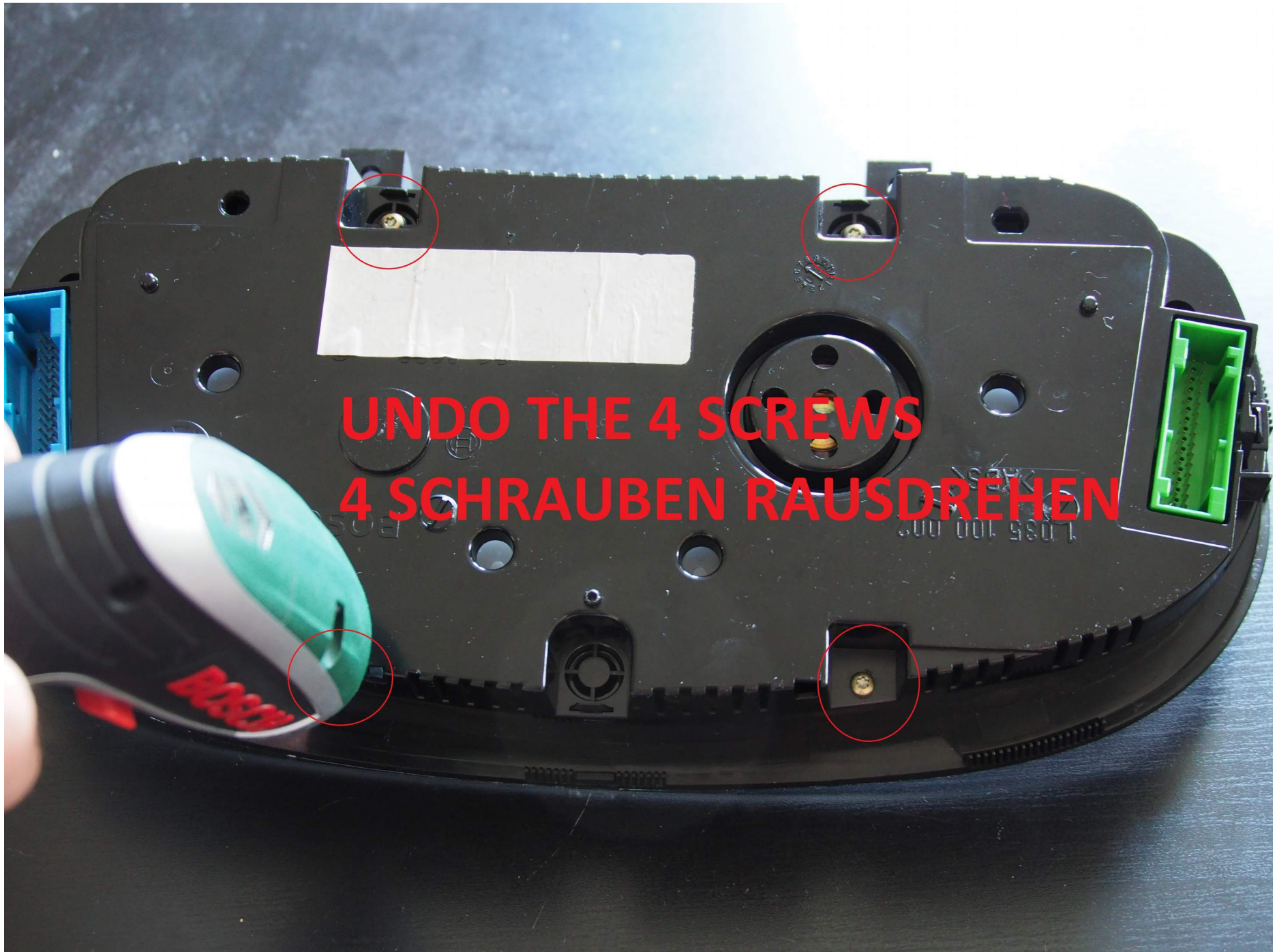


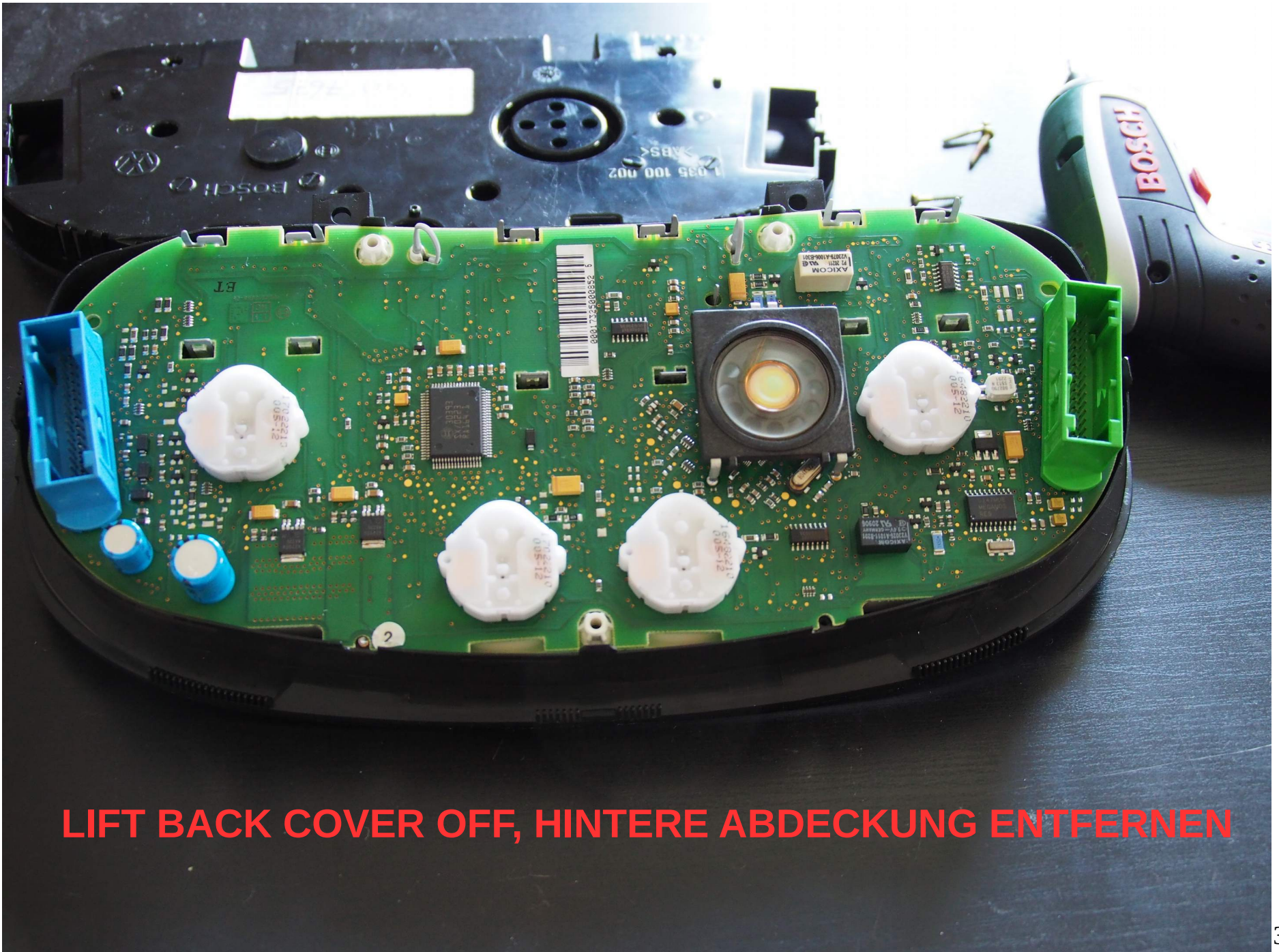
How to dismantle VW Golf Mk4 speedo



BOSCH AND MOTOMETER UNITS



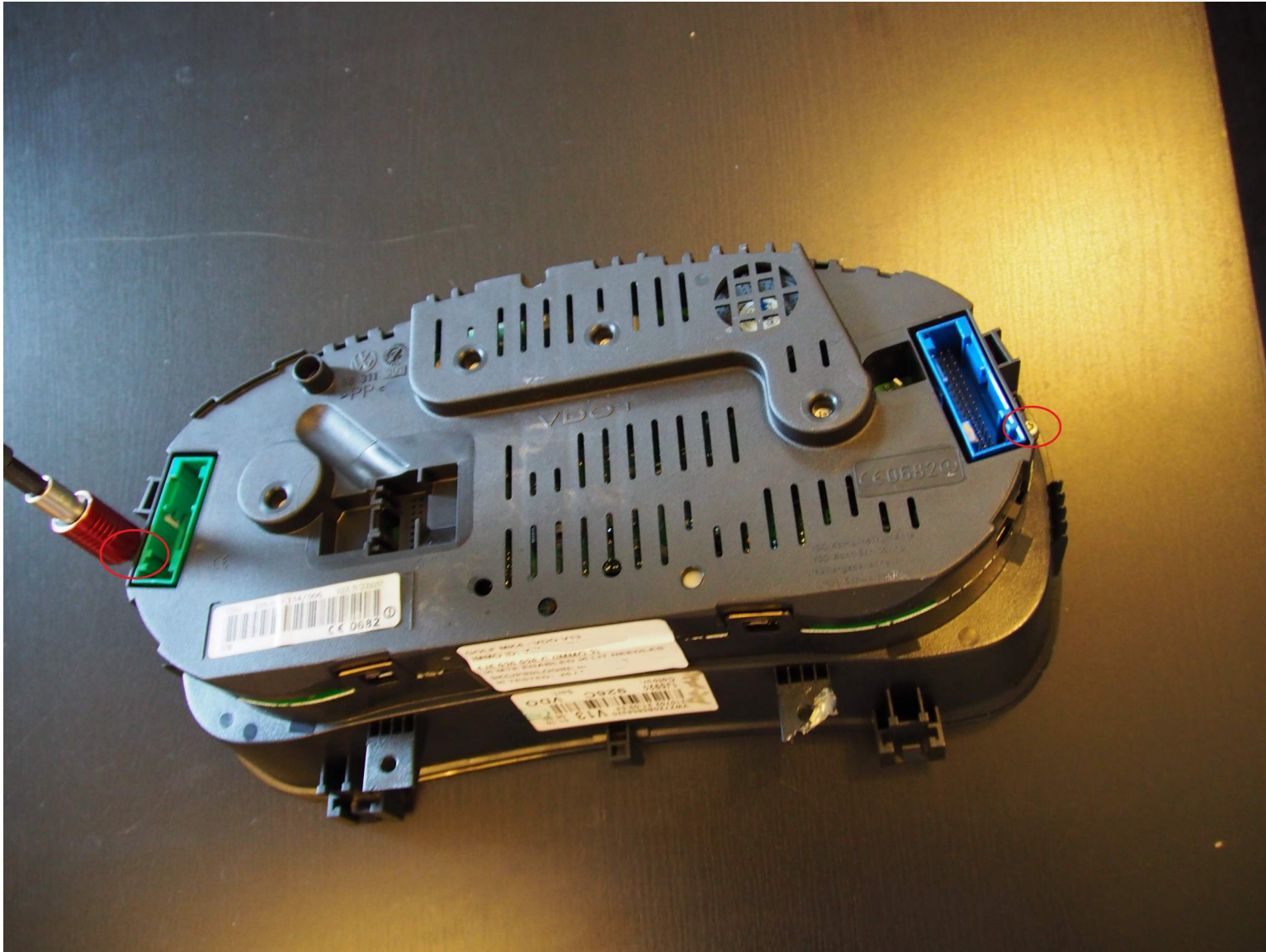
BOSCH AND MOTOMETER UNITS

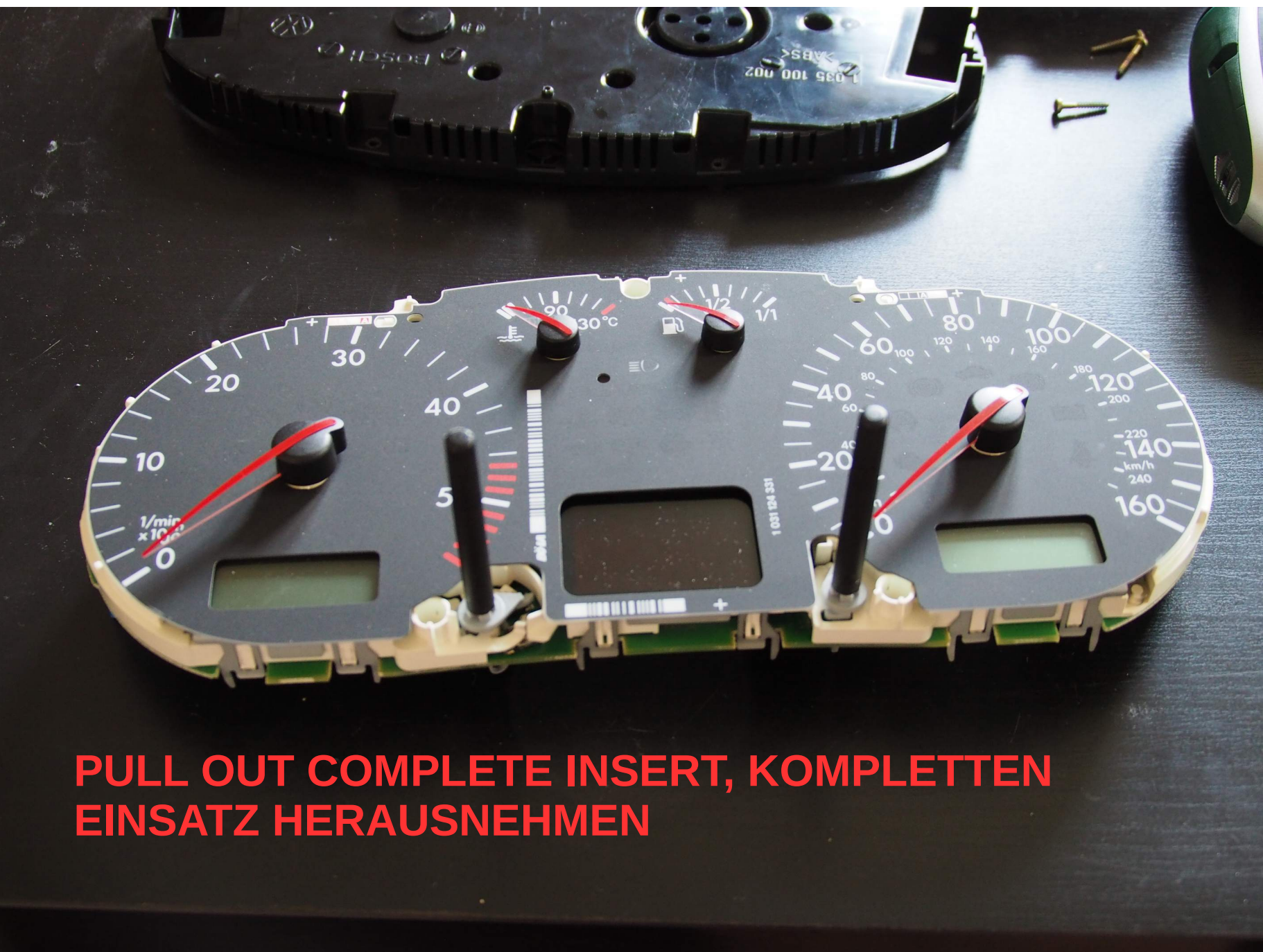


LIFT BACK COVER OFF, HINTERE ABDECKUNG ENTFERNEN

VDO UNITS

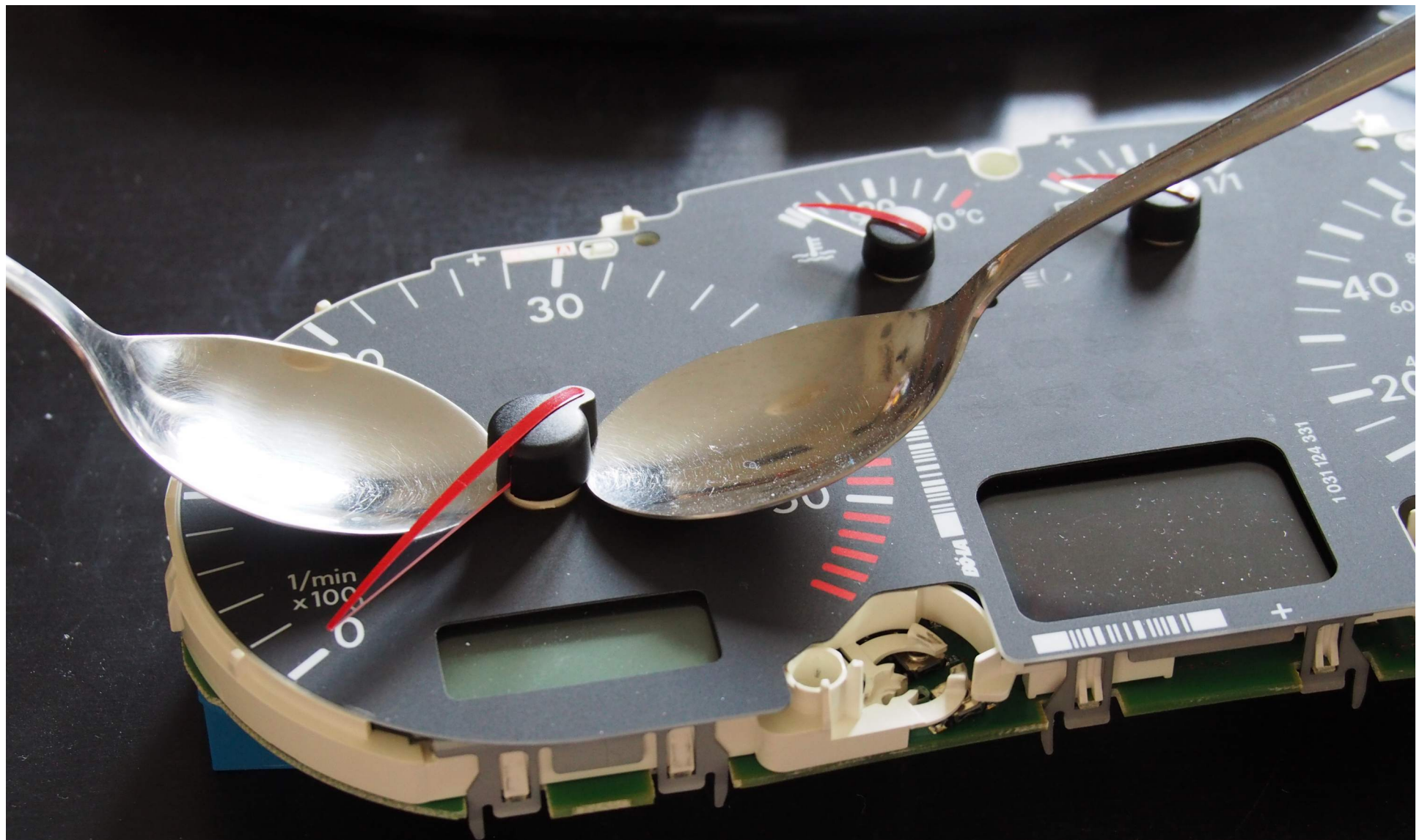
**UNDO THE TWO TORX 10 SCREWS,
AFTERWARDS OPEN LATCHES CAREFULLY ONE AFTER ANOTHER
THEN LIFT OFF BACK WITH PCB. 2 TORX SCHRAUBEN RAUSDREHEN,
DANN VORSICHTIG DIE RASTEN EINZELN OEFFNEN.**



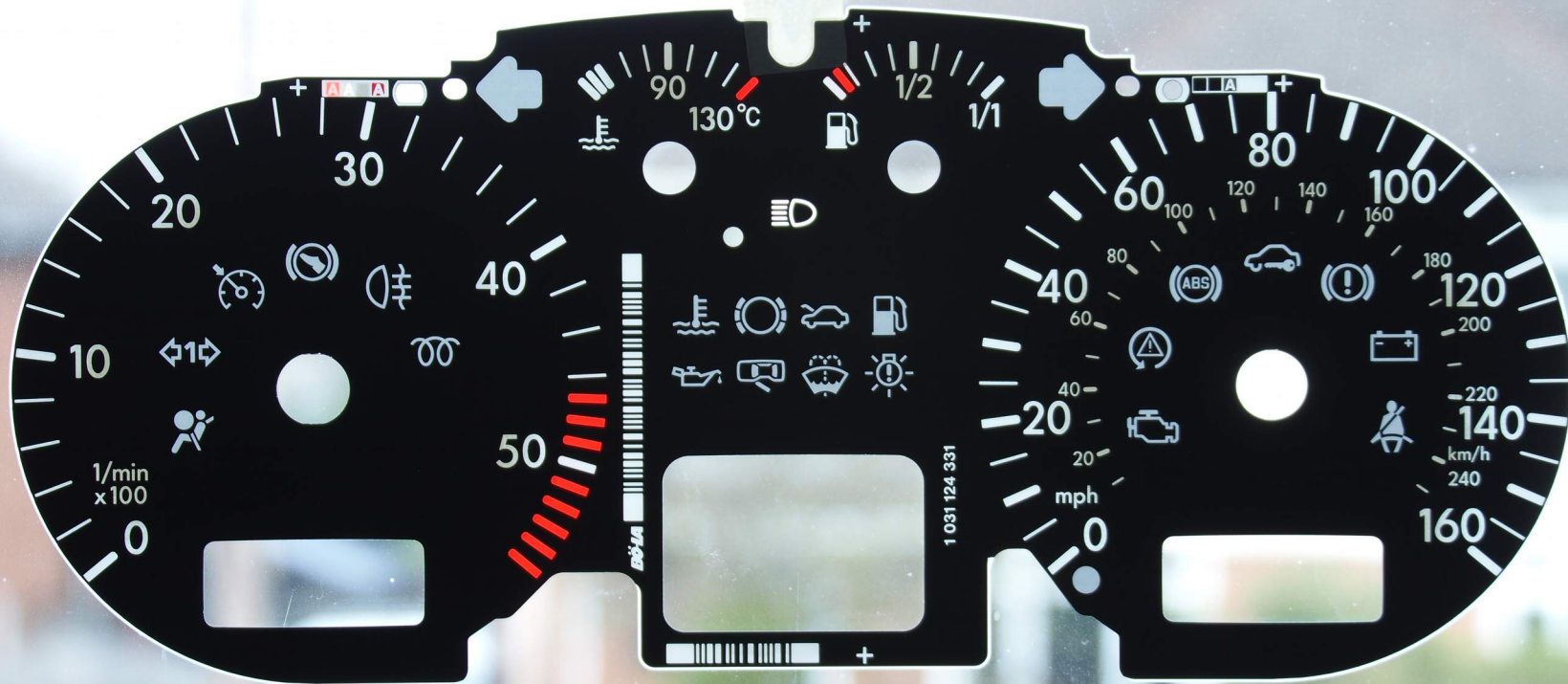


The image shows a car's instrument cluster with its faceplate removed. The cluster is black and features several gauges: a tachometer on the left (0-6000 RPM), a central gauge with a red needle (likely for oil pressure or temperature), and a speedometer on the right (0-240 km/h). There are also smaller gauges for fuel level and engine temperature. The cluster is mounted on a yellow plastic base. The text "PULL OUT COMPLETE INSERT, KOMPLETTEN EINSATZ HERAUSNEHMEN" is overlaid in red. In the background, a black plastic component with "Bosch" and "ABS" markings is visible, along with some screws.

**PULL OUT COMPLETE INSERT, KOMPLETTEN
EINSATZ HERAUSNEHMEN**



**LEVER NEEDLES OFF USING 2 SPOONS, NADELN MIT 2
LOEFFELN RUNTERHEBELN**

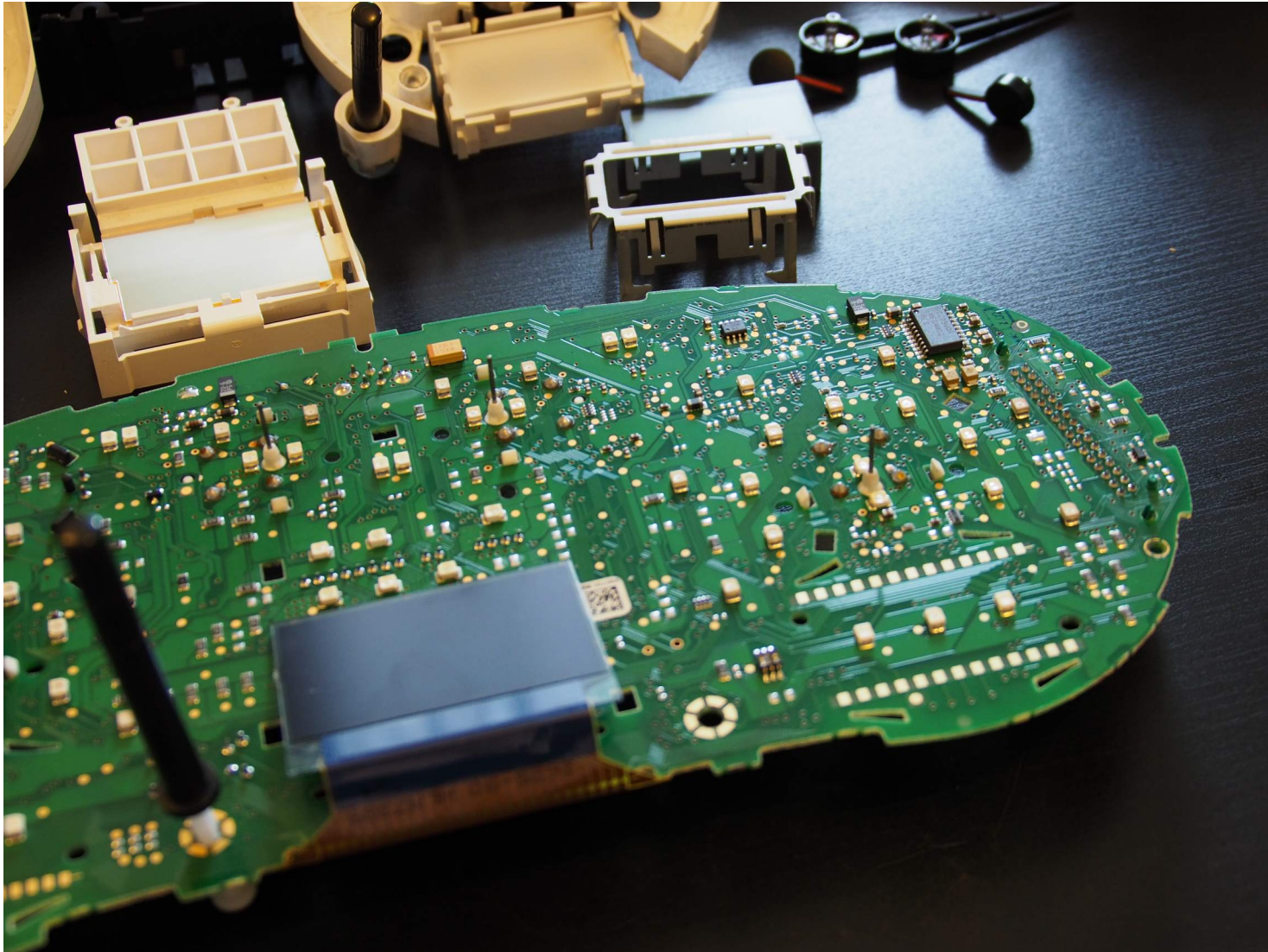


REMOVE THE SPEEDO FACIA, TACHOSCHEIBE ABMACHEN

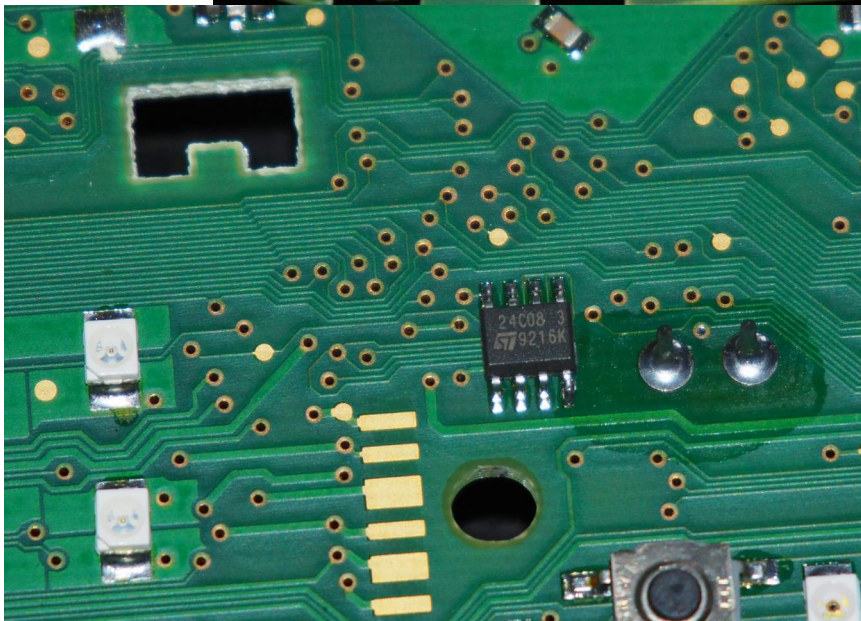
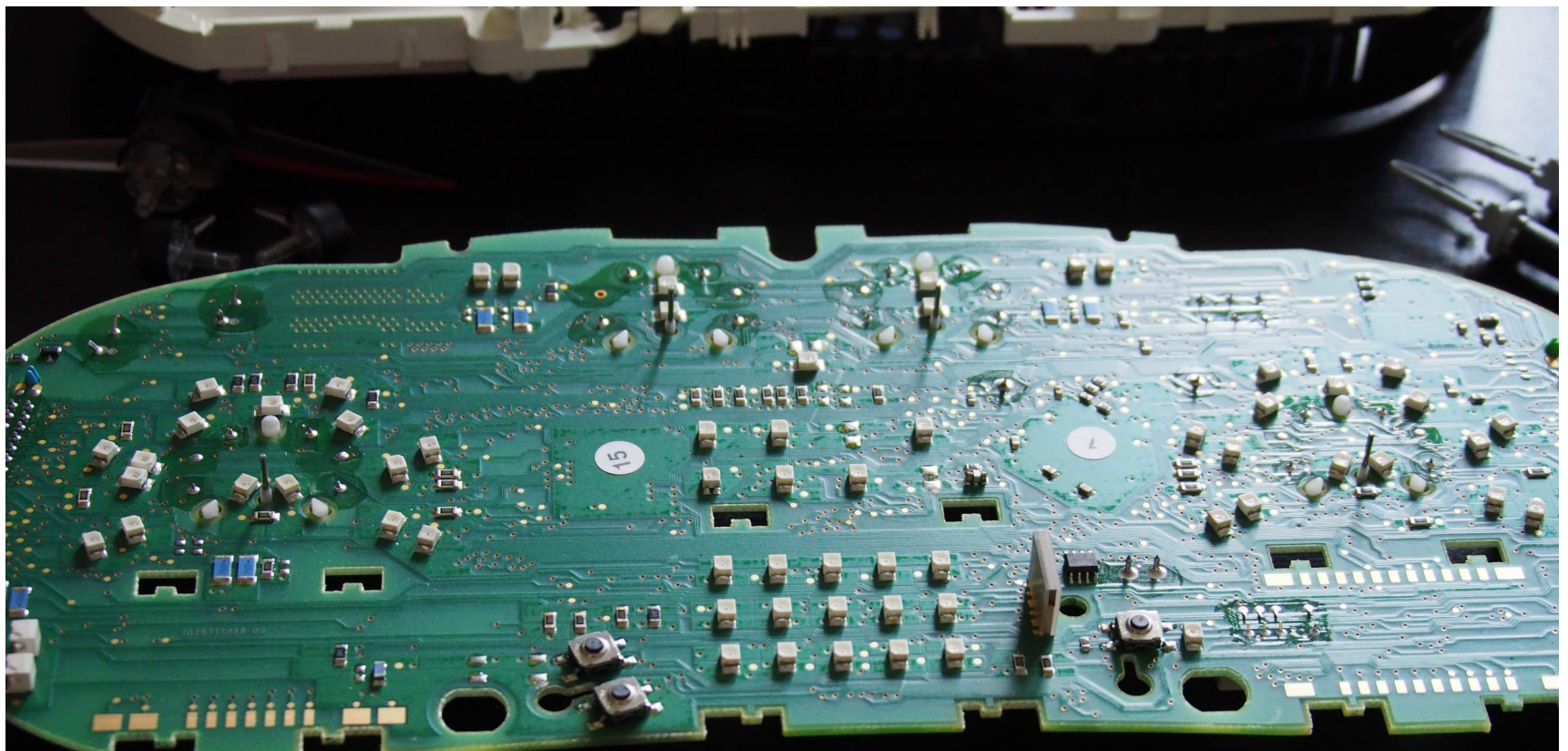
**REMOVE DISPLAYS, UNCLIP FROM BACK THEN LIFT OFF –
WATCH OUT FOR THE ELECTRICAL CONNECTORS,
KLAMMER HINTEN LOESEN, DANN DISPLAYS ENTFERNEN,
AUF DIE ELEKTR. VERBINDER GUT AUFPASSEN**



**VDO CENTRE DISPLAY CABLE IS SOLDERED ON
DO NOT TRY TO DISCONNECT CENTRE DISPLAY
MITTLERES DISPLAY IST VERLOETET, NICHT VERSUCHEN DAS KABEL ZU
ENTFERNEN.**



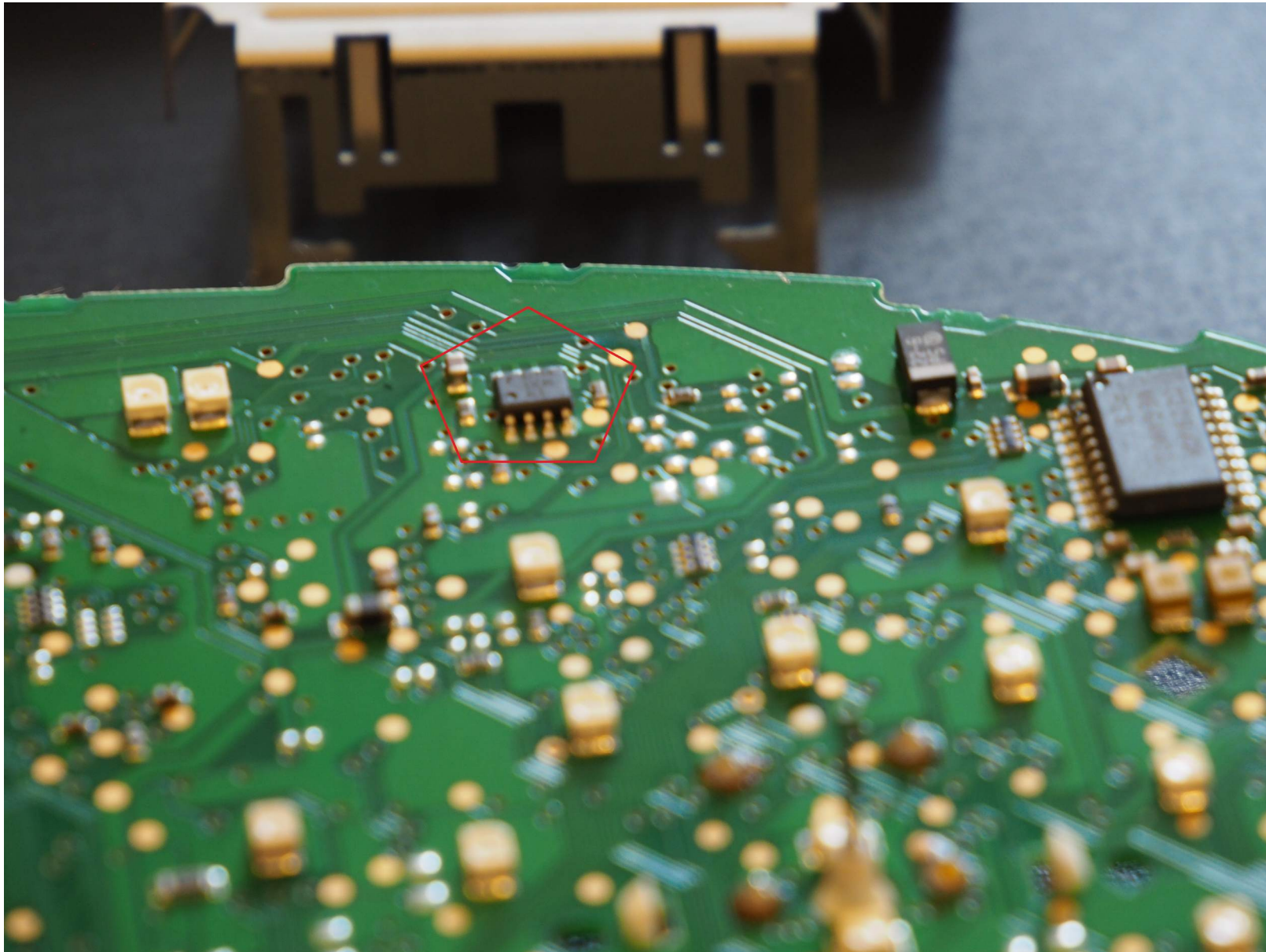
VDO



**EEPROM CHIP CONTAINING
LOGIN, MILEAGE ETC
EEPROM BAUSTEIN MIT PIN,
LAUFLEISTUNG ETC (24C02,
24C08, 93C86)**

BOSCH AND MOTOMETER

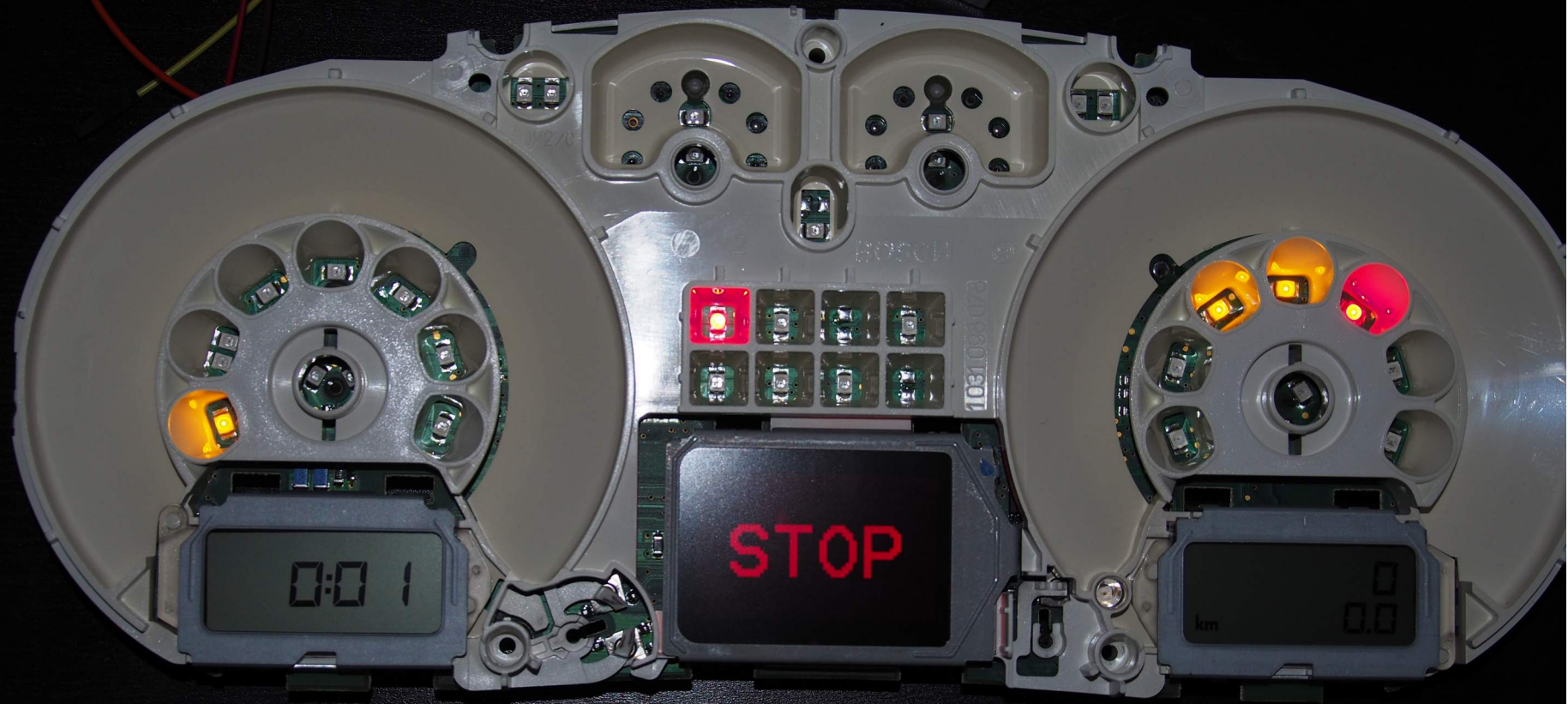
THIS VDO UNIT IS FITTED WITH 93C86 EEPROM



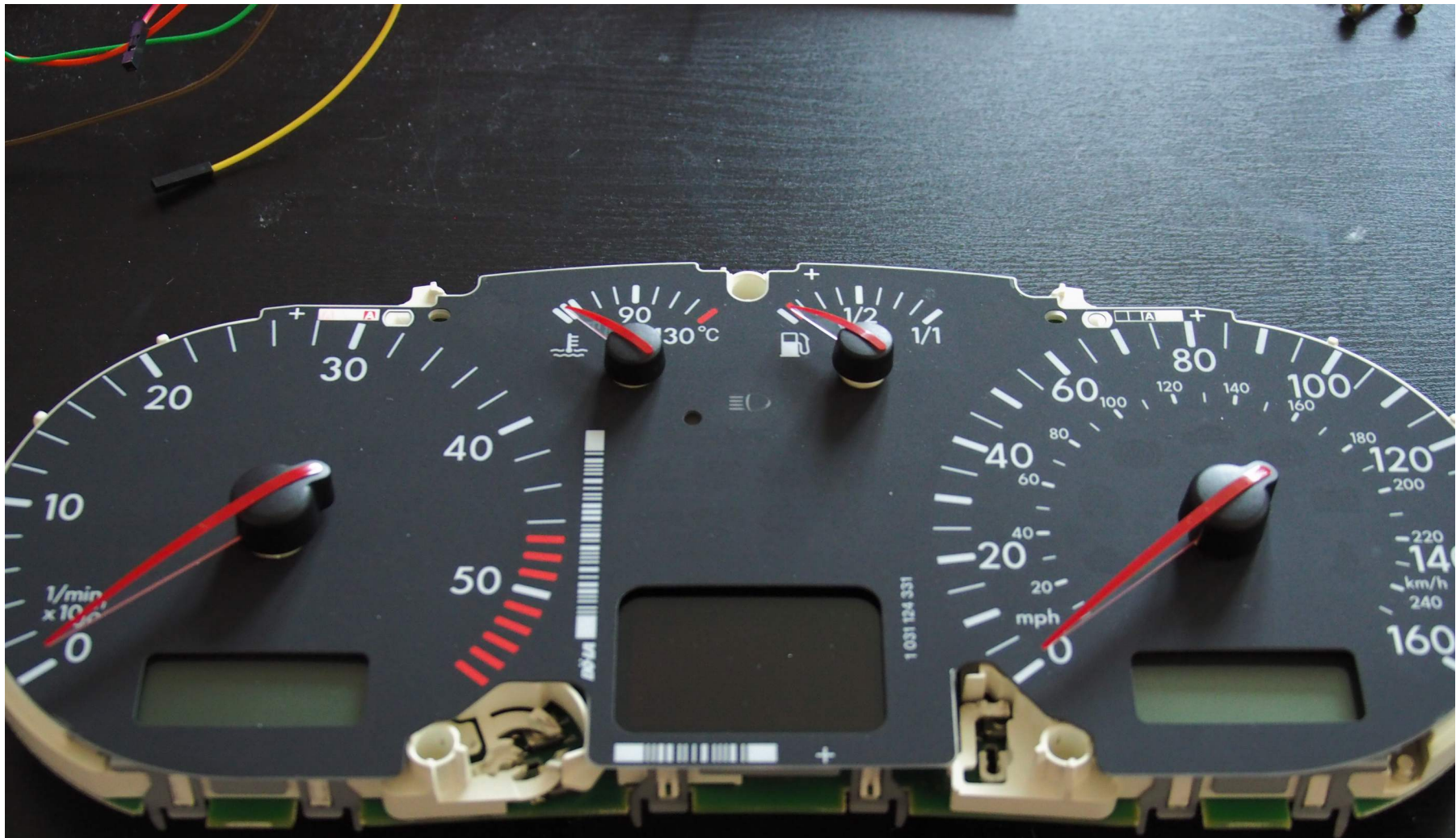
VDO



**CONNECTED TO EEPROM PROGRAMMER
MIT EEPROM PROGRAMMIERER VERBUNDEN**



**CHECK DISPLAYS WORK ONCE PUT BACK TOGETHER
DISPLAYS PRUEFEN NACH DEM ZUSAMMENBAU**



**REFIT SPEEDO FACIA AND NEEDLES, TAKE CARE TO
FIT NEEDLES CORRECTLY!
TACHOSCHEIBE UND NADELN WIEDER MONTIEREN,
NADELN RICHTIG AUFSETZEN!**

