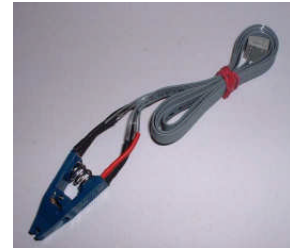
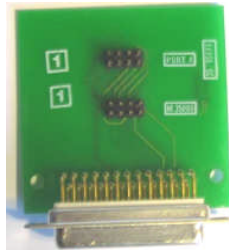


Modell 3er BMW (E90 E91)

E 90



E 91



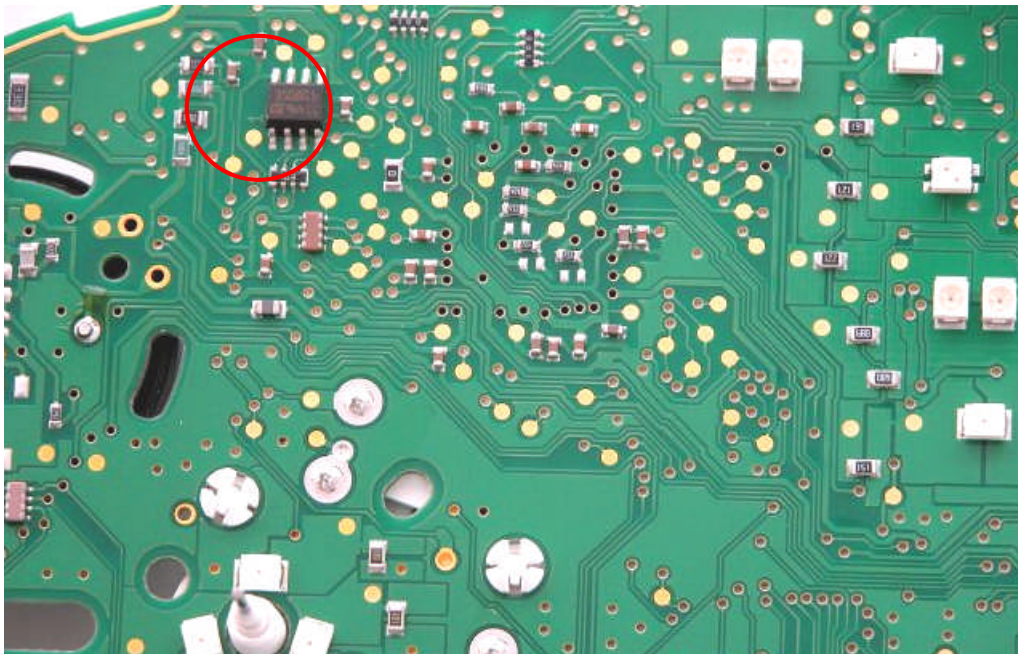
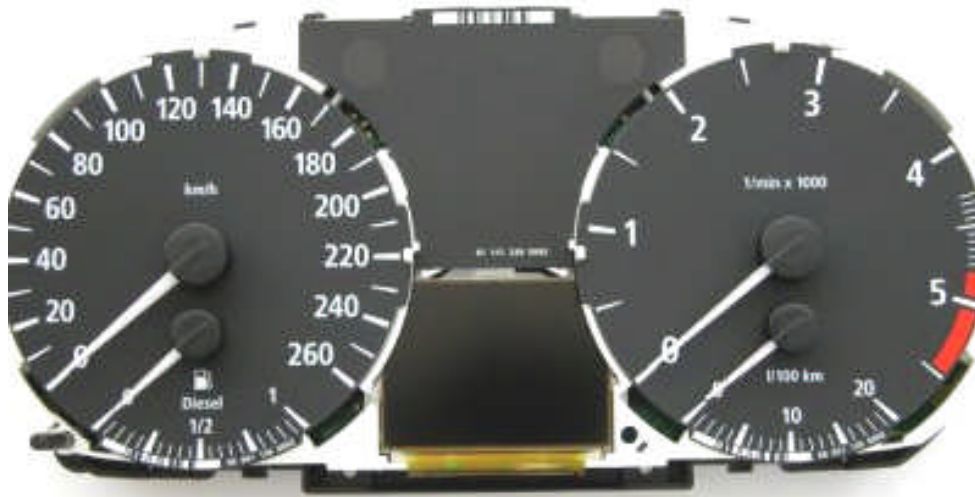
Use the board M35080 and clip smd8

Adjustment is done in 3 steps:

1. eeprom in instrument
2. CAS programming with BMW CAS connector
3. ErrorScan

- Remove the instrument and open it
- Look for the 8-pin chip M35080
- (**remove this chip**)
- connect the clip with port M35080.
- Connect the clip to the chip M35080 (**red to pin 1**).
- Select in theTacho Universal **BMW → 3er/X3→ E90/91 → M35080 clip**
- TheTacho Universal shows you the original km.
- Save the data!!!
- Go back to the menue **BMW →3er/X3→ E90/91→ 35080-0** (erase) and wait until Tacho Universal displays „OK“
- Select **BMW → 3er/X3→ E90/91 M35080 clip**
- Load the original data you saved before and write it completely to the chip
- Error message „data not equal“ can be ignored
- Select **BMW → 3er/X3→ E90/91 M35080 clip** and program the new km.
- **Do not install the instrument back yet! Before that, the CAS must be programmed to “0”**
- **Please follow the instructions carefully!!!**

If the chip is 35080 V6 you must replace it by a new. This is new not erasable generation.



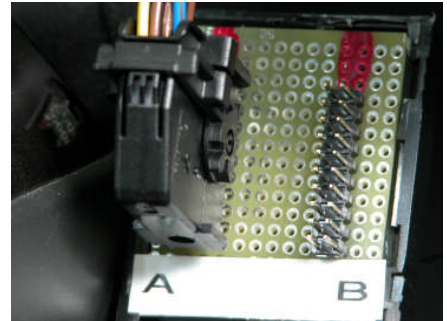
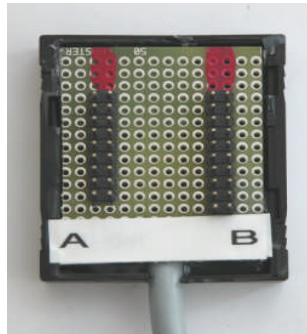
Modell 3series BMW (E90 E91)

22. CAS with the BMW CAS connector

E 90



E 91



Connect the cluster connector from car to port A. (Pin1 to red)

Attention:

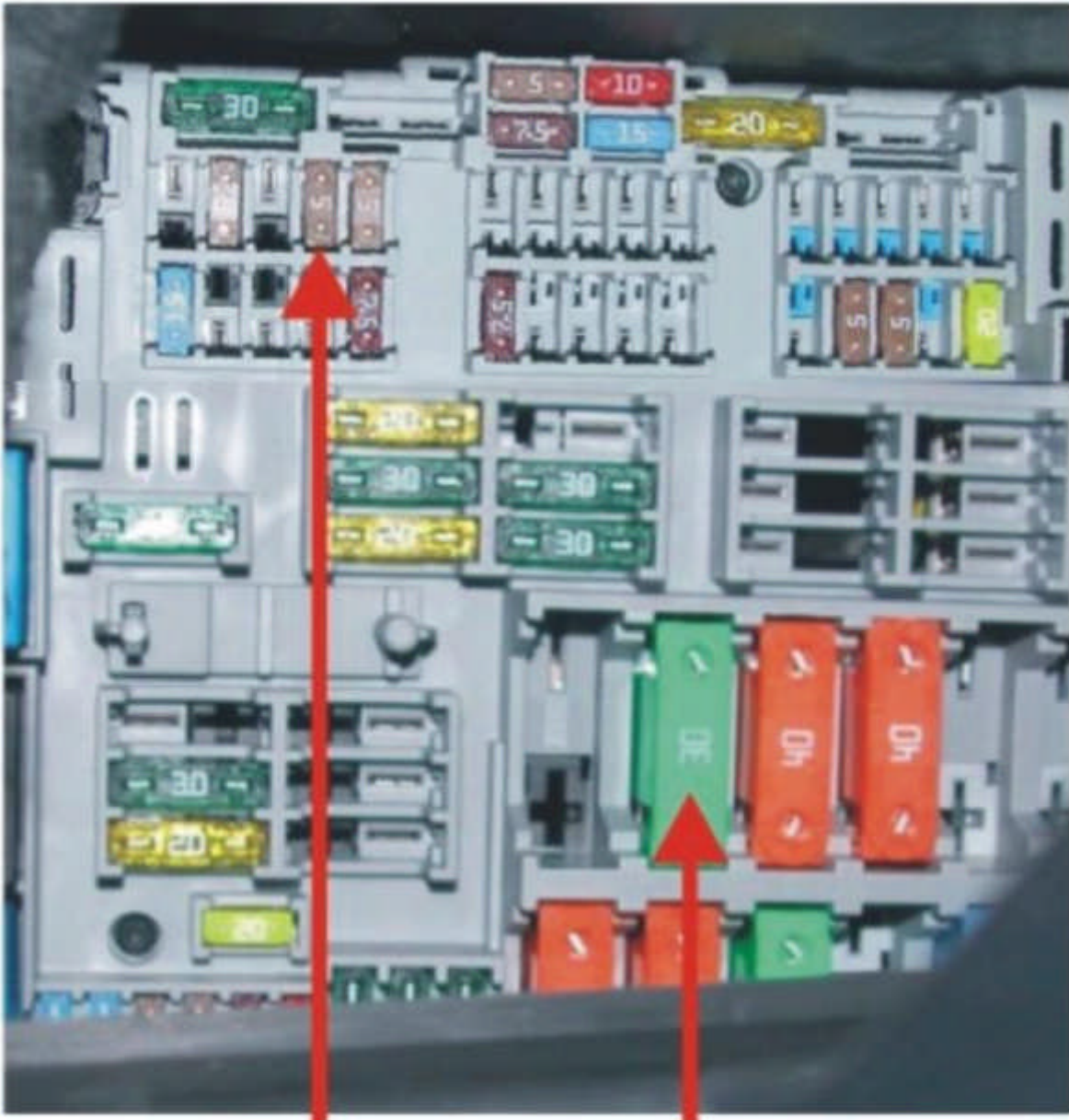
Before you pull a fuse,
remove the key and store it away from the car!
While programming, do not open or close any doors or touch any buttons!!!

- Remove the small fuse. The fusebox is on the passengers side behind the glovebox. See picture.

Important: the small fuse stays removed during the complete process.

- Connect the Can Dongle with the BMW CAS cable and the cluster connector in the car.
- Select **BMW → 3er/X3 → E90/91 → Cas Prog**
- Follow exactly the instructions in Diga-Display, like „light on/off“
- When it asks to „remove fuse“, the big fuse must be removed
- if it asks you to put it back, put back the big fuse
- after programming is finished, put back the small fuse

3series BMW (E90/E91)



Remove the small fuse. It stays removed during the complete process.

If you are asked to remove or put back fuses during programming, it is THIS fuse

3. ERRORSCAN

Connect the connector shown to the OBD2 connector and select the menu „Errorscan“.
Wait until the main menu returns.

This can take about 5 minutes!

Audi A 6 Old Sharan 2000

