

Fitting instruction for the module eKombi for BMW E38 and E39 with High instrument cluster

1. Instrument cluster develop:
2. Adjust please as the first the steering column around more place to downward solve the screws to receive.
3. Remove the upper three screws with a Torx screwdriver T10.
4. The two screens on the left and on the right with a plastic wedge or a screwdriver at the lower edge out-lever.

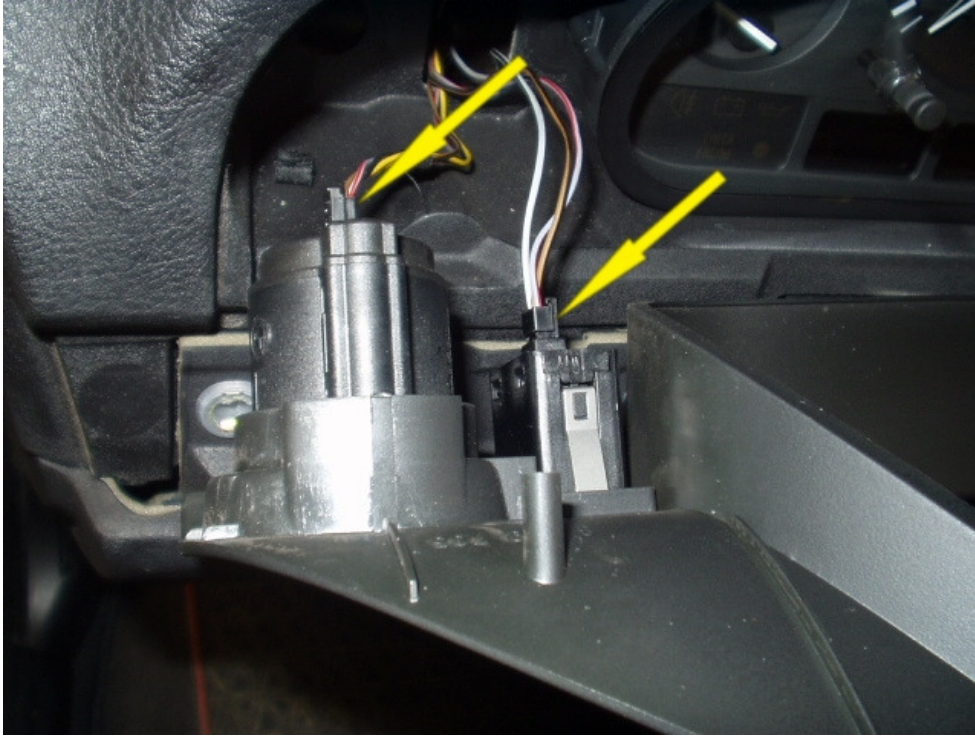


5. Unscrew the marked screws.
6. Remove the screen with the light switches now, by withdrawing the screen at the upper edge.



7. Take the plugs off at the light switches on the left and on the right and put the screen to the side.

(After taking the plugs off the parking light will go on)



- 8. Remove the two screws with a Torx screwdriver T10.
- 9. Withdraw the combination instrument now and separate the plug connectors.
- 10. Put the instrument cluster to the side.



11. Remove the white 18-pin plug housing, in order to be able to see the cable numbering.



12. Connect the module with the following cables at the 18-pin white plug in following order:

- Connect the brown cable of the module with pin 9 (cable color brown/black)
- Connect the white cable of the module with pin 8 (cable color white/grey/yellow)
- Connect the red cable of the module with pin 12 (cable color violet/green)

13. Assemble the 18-pin plug again.

14. Take the blue 26-pin plug of the instrument-cluster and remove the plug housing.

15. Cut the cable with pin 5 about 4 inch behind the plug and strip the wire.

16. Push (plug-side) with a crimping tool following connector at the cutted pin 5.



17. Strip the wire at the opposite party from pin 5 and push following connector with a crimping tool at the cable:



18. Now connect the blue cable from the module with the apposite correspondent part of pin 5 and connect the green cable with the other apposite correspondent part of pin 5.

19. Now lay the violet-cable off the module behind the pod along to the passenger footwell to the light-check-control unit.

20. Connect all plugs again at the instrument cluster, but not yet reinstall the instrument cluster.

21. After that remove the casing below the A-pillar:
Remove the rubber grommet along and released the plastic casing. (2 clips)



22. Unscrew the screw below the light-check-control unit and pull down the light-check-control unit.



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23. At the light-check-control unit you will find 3 plugs. Disconnect the black 54-pin plug in the middle. Remove the housing of the plug and affix a terminal connector at pin 15.

24. Connect the violet-cable of the module with pin 15.

25. Now the module is installed and ready. Make a function test:

Turn on the ignition and push and hold the on-board-computer button at the indicator-switch, the menu of the module will appear in the instrument-cluster-display. You will see the engine oil-temperature.

If you press the button again you will turn to the next screen: Engine coolant temperature, digital speed odometer and the battery-power screen.

If the oil-temperature is not correct or if you see only 3 bars then you must go in the installation-menu of the module as follows: Press and hold the on-board-computer button at least for 10 sec.

Sollten die Öltemperaturwerte nicht stimmen bzw. wenn Sie nur 3 Striche sehen, dann müssen

In this menu you will have following selection: "OILTEMP SET1" and "OILTEMP SET2".

If you want set "OILTEMP SET2" please press and hold the obc-button for 2 sec.

Now the oil-temperature has changed to "OILTEMP SET2".

To exit the setup-menu press the obc-button if you see "EXIT MENU".

To confirm exiting the menu press and hold the obc-button.

26. If everything is working please re-install the light-check-module-unit and the instrument-cluster.