

Installation instruction BMW E36

20/30/50Km/h-module

Before installation:

Please read this instruction carefully and take yourself some time for proper installation of the module. Please note, that you can damage your car and/or the module if it is not correct installed.

Danger: The installation and use of the module is on your own risk. Do not open/close the roof on bad roads. You can damage the roof by opening/closing while driving. You might loose the warranty of your car. The installation and use of this module is on your own risk.

How the module works:

If the module is installed, the roof of your car can be opened/closed up to a speed of 20, 30 or 50Km/h (programmable).

Einbau des Moduls:

1. disconnect battery (ground connection), it is located in the trunk, right side
2. remove the rear headrests and disassemble the rear seat (picture 1)
3. pull out the cover of the rear speaker on the left side, now you can see the roof control unit. Remove the Torx-screw for the side cover (picture 2)
4. hang out the spring shown in picture 3 to remove the side cover
5. connect the wires of the module to the roof control unit as shown in picture 5 (wiring diagram). Note: you have to cut the black/white wire.
Note: do not use a grounded soldering iron, as it may cause damages to the cars electronic.
6. you can set the speed limit to 20, 30 or 50Km/h by connecting the blue wire with black (20Km/h), red (30Km/h) or yellow (50Km/h) wire of the module.
7. assemble side cover and rear seat
8. connect battery

Pictures of installation:



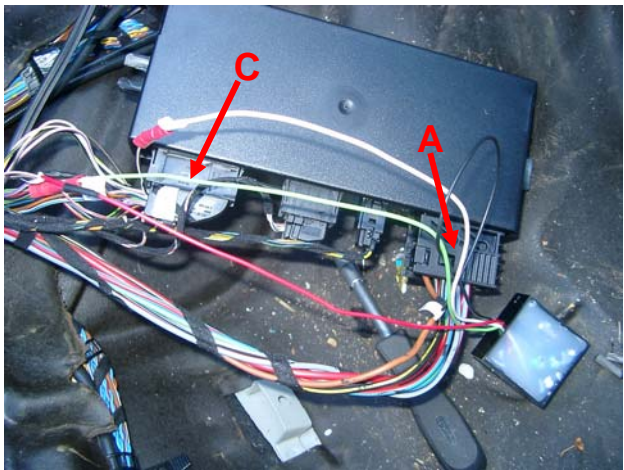
picture 1: remove rear seat



picture 2: Position BMW roof control unit

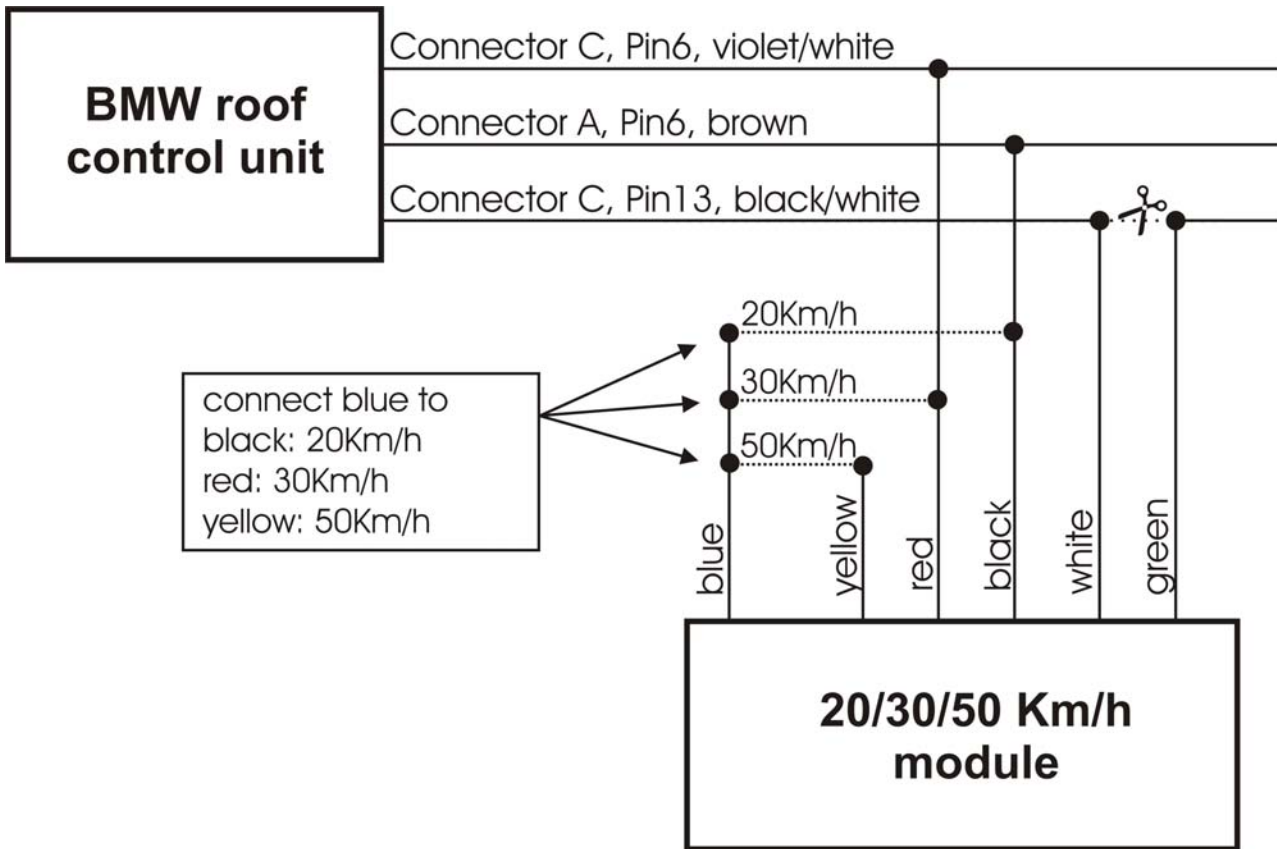


picture 3: hang out spring



picture 4: Connectors A and C

Wiring diagram:



picture 5: wiring of the module

Note: you have to cut the black/white (=black wire with white stripe) wire for installation

technical data:

- voltage range: 7-17V
- current consumption: 12 mA (when ignition is on)
- size: 40 x 40 x 20 mm³
- weight: 50g