

Installation guide convertible module RC (FB)

For BMW E46 convertible with full automatic roof

Included:

1x FB module

Prior to installation:

Please read the complete manual carefully before using this product and take enough time for installation.

We explicitly point out that all functions of this control unit should only be used while exercising caution and responsibility. We can NOT be held liable for any damage or injury caused by installing or using this product.

Product features:

Remote roof control: One-Touch operation of roof and windows with the original remote on all models (US and Euro) by tapping the button on the remote 3 times. No extra remote fob or reprogramming of the key or car is necessary!

Operation:

Whilst the roof is close tap OPEN 3 times within 5 seconds on car key your remote control. After 3s the roof will start moving.
After the roof reaches its final position the windows will roll up.
To close the roof, tap the CLOSE button 3 times within 5 seconds.

You can stop the opening roof at anytime when you tap the close button (during opening: the close button, during closing the opening button).
After the roof stopped you can continue it in any direction as described above.

If the roof is already closed, you can close the windows by tapping the close button 3 times.

Note:

The FB modules are industrially produced and tested.
If the module doesn't work as expected check all cable connections.
90% of all errors are the result of bad solder points or weak wire taps.
We advice to solder all cables.

Einbau des FB-Moduls:

1. We advice to disconnect the battery.
2. Losen the 6 screw at the covering behind the glove box und pull it down and towards you (picture 1).
3. Pull out the middle plug from the main module (54-pole).
To do so, put the white hook to the right (picture 2).

4. Remove the plug cover.
5. Part the both plug parts (picture 3).
6. Connect the following module cables with car cables (picture 4):

pin nummer	Colour	FB module cable
20	White/black	Brown
22	bue/red	White
9	White/red/yellow	Yellow
47	red/violett	Red
10	brown/black	Black

Caution: The cable colours can appear in several pins.

Follow the pin numbers on the plugs carefully!

Sometimes not all pins are marked. But you can find numbers on the edge of the connectors (pictures 4 and 5). Count the numbers from the edge on.

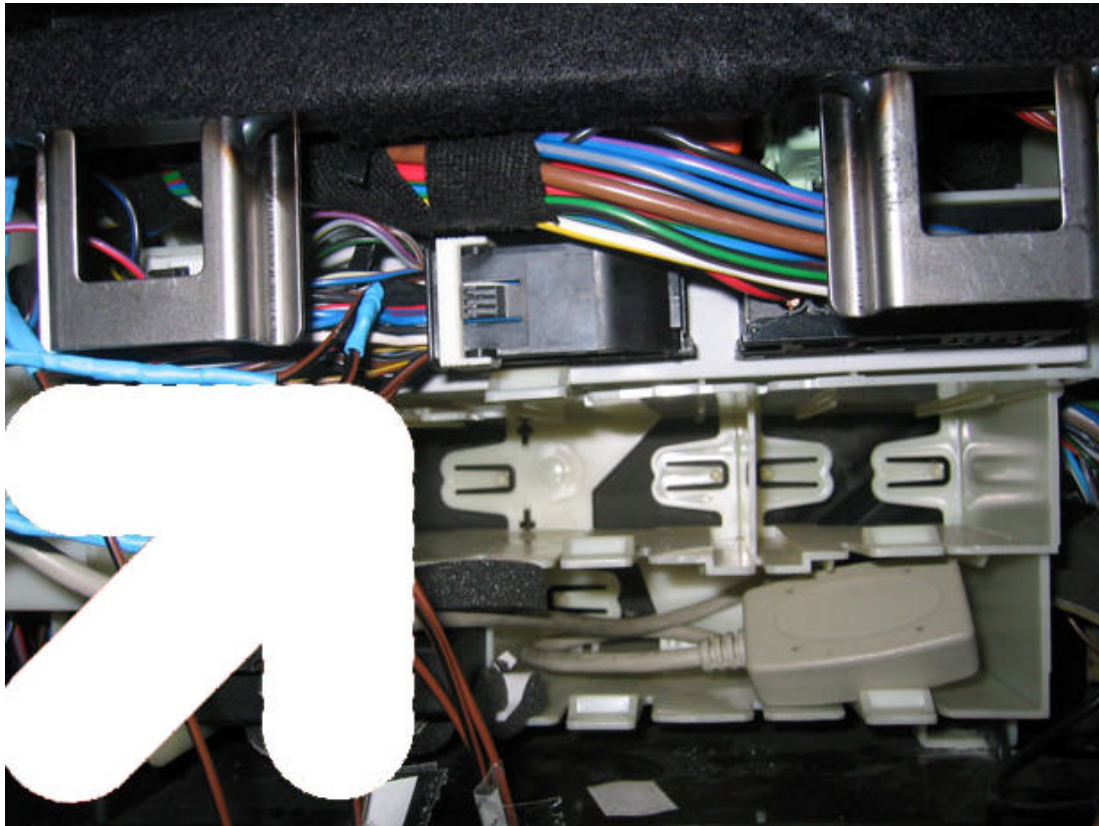
The colour of the connector can vary (gray, blue, black).

7. Reassemble the plug.
8. Fix the module on the white box where it cannot move or make noises.
9. Reassemble everything and reconnect the battery.
10. Open and close the windows twice to readjust them.

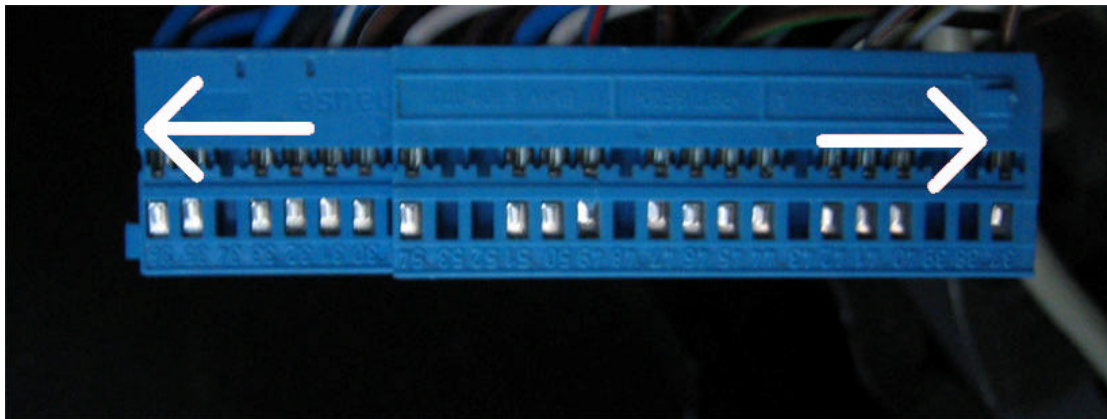
PICTURES



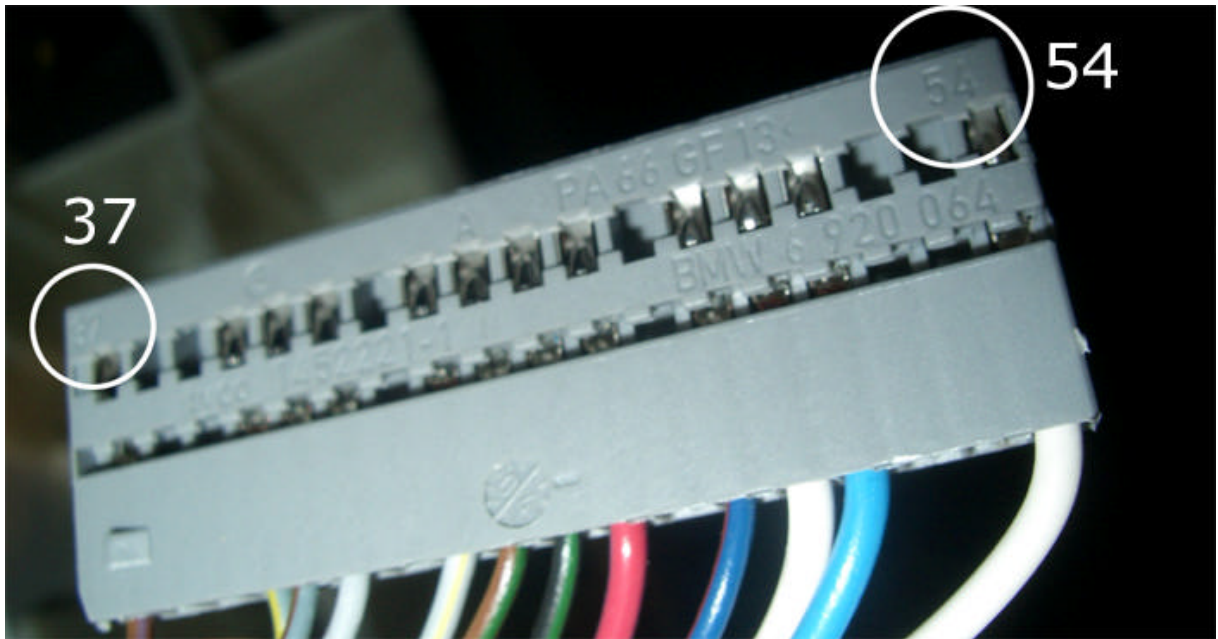
Picture 1: Screws behind the glove box



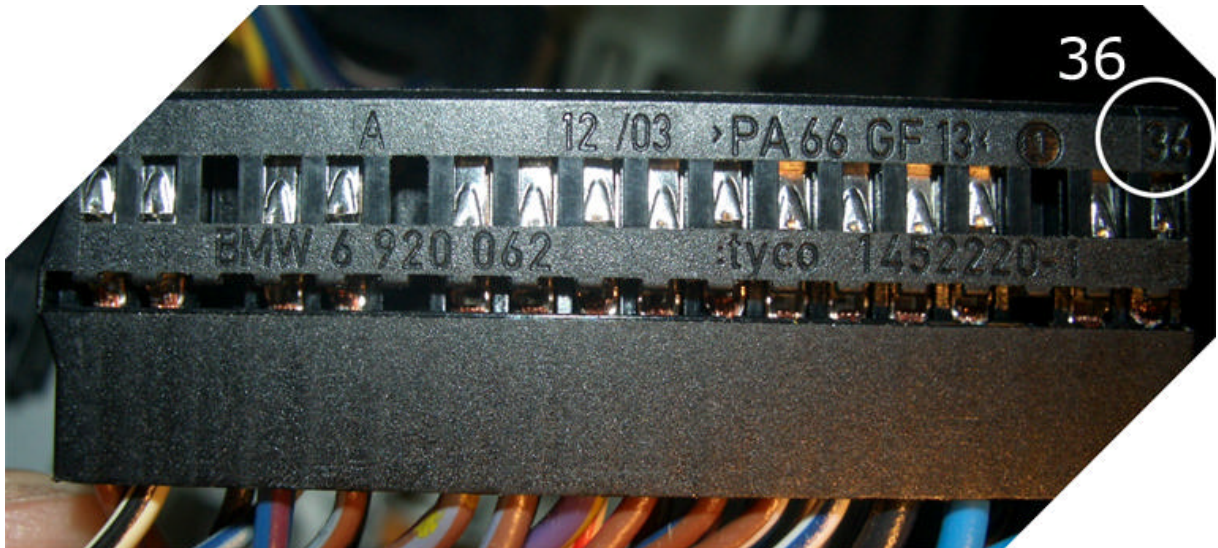
Picture 2: main module with plugs



Picture 3: Part the plugs



Picture 4: Pin numbers at the edges - example 1



Picture 5: Pin numbers at the edges - example 2

Programming:

For programming switch the ignition on and press the following buttons on your BMW radio:

Drive locking

On: AM 1 1 1 4 FM

Off: AM 1 1 1 5 FM

Thank you very much for purchasing our products!