

Passenger door trim & lock mechanism removal on 02 BMW 3 Series Compact.

Note. Follow this procedure at your own risk.

It's often recommended that the negative lead of the battery be removed before working on any electrical components. Remember to note fuel consumption and average speed data if you want to keep it as this data is volatile and will be lost when the battery is disconnected.

Picture 1. The small panel in the interior handle levers out quite easily with a small bladed screwdriver.



Note: taking this panel out *is not* required to remove the interior trim. I show it as if you're doing the drivers door you will probably need to pull it clear to remove the door mirror adjustment wiring.

To remove the two circular screw covers (the other is towards the lower rear area of the door above the storage compartment) press down firmly on the cover by the blue arrow and lever out with a thin bladed screwdriver by the red arrow.

Pictures 2 & 3. Start removal of the silver trim from beneath using a screwdriver, then move upwards slowly working carefully on one side then the other. At the top the trim needs to be pulled up and forwards at the same time. The second picture shows the positions of the four mounting clips. In my case the top clip, position shown by the red arrow, remained inside the trim.



Pictures 4 & 5. There's a screw under the air bag logo which is easily removed. Lift out the plastic surround to the door lock.



Picture 6 & 7. Remove five Torx 20 screws (yellow arrows show positions – see also picture 3) then work around the bottom of the trim, then the front and back, ideally using a purpose made trim tool. The blue arrows in picture 7 show the attachment points. Lastly go along the top carefully placing the tool between the trim and the windows seal. Once all the clips are released ease the trim forwards a few inches and disconnect the small speaker (if installed) then unclip the white nylon door release. Note the way it clips onto the door release handle for when you refit it.



Picture 8. The removed trim panel. The four bottom studs have felt washers on them, these easily drop off so take care not to lose them.



Picture 9. To remove the door lock, carefully pull back the soundproofing material taking care not to tear it. Be very careful near the air bag. Undo the three Torx 30 screws securing the lock mechanism to the door then ease towards the front until you can reach the electrical cable and disconnect it. Also disconnect the exterior door release cable. The mechanism can then be removed from the door and the interior door release cable can be removed. It is possible to remove the unit on this model without touching any of the window support mechanism. It is a fiddle though, especially I found when replacing it, but a fiddle is better than unnecessarily moving the window mechanism.

The lock itself seems to be a sealed unit. I doubt it would be possible to get inside without irreparably

damaging it. There are a number of places where it can be greased however.

The stamped numbers on my lock unit were:

V0919 8 253 434.9

and in the plastic moulding:

PBT/ASA GF20

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