

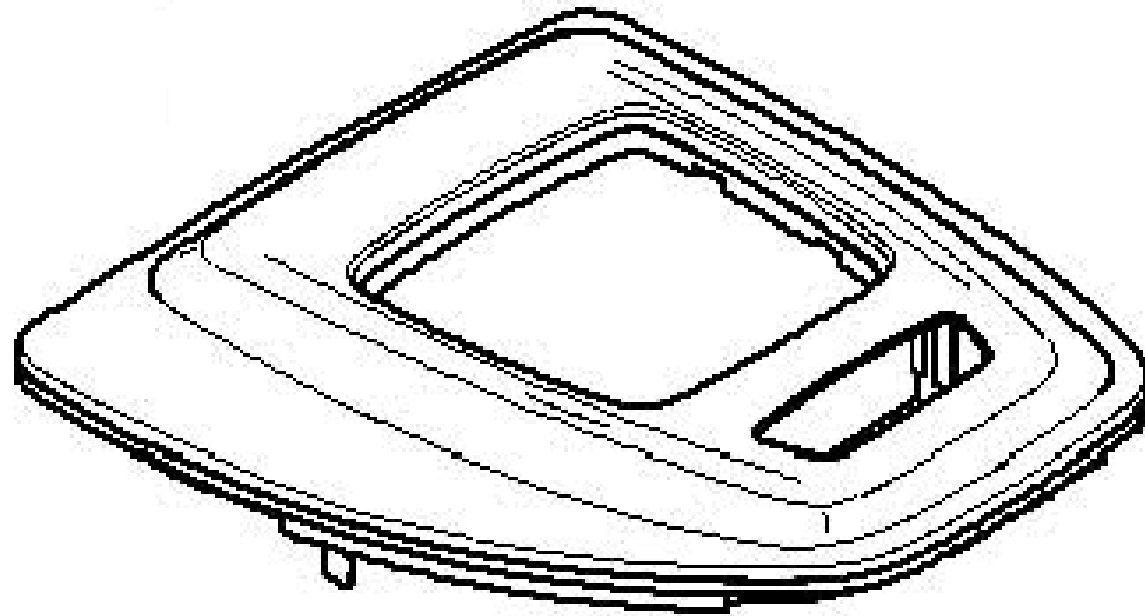
# **Sportautomatic DIY**

**Upgrading cars from non-SAT**

# Background Info

- CAR:
  - BMW E60 LCI
  - Automatic (SA 205)
- SAT Parts (SA 2TB):
  - 51166960879 – Console cover
  - 61319142869 – Sports button
  - 61319142950 – SAT Shifter
  - 61319165671 – ECU

# SAT Parts – Console Cover



# SAT Parts – SAT Shifter

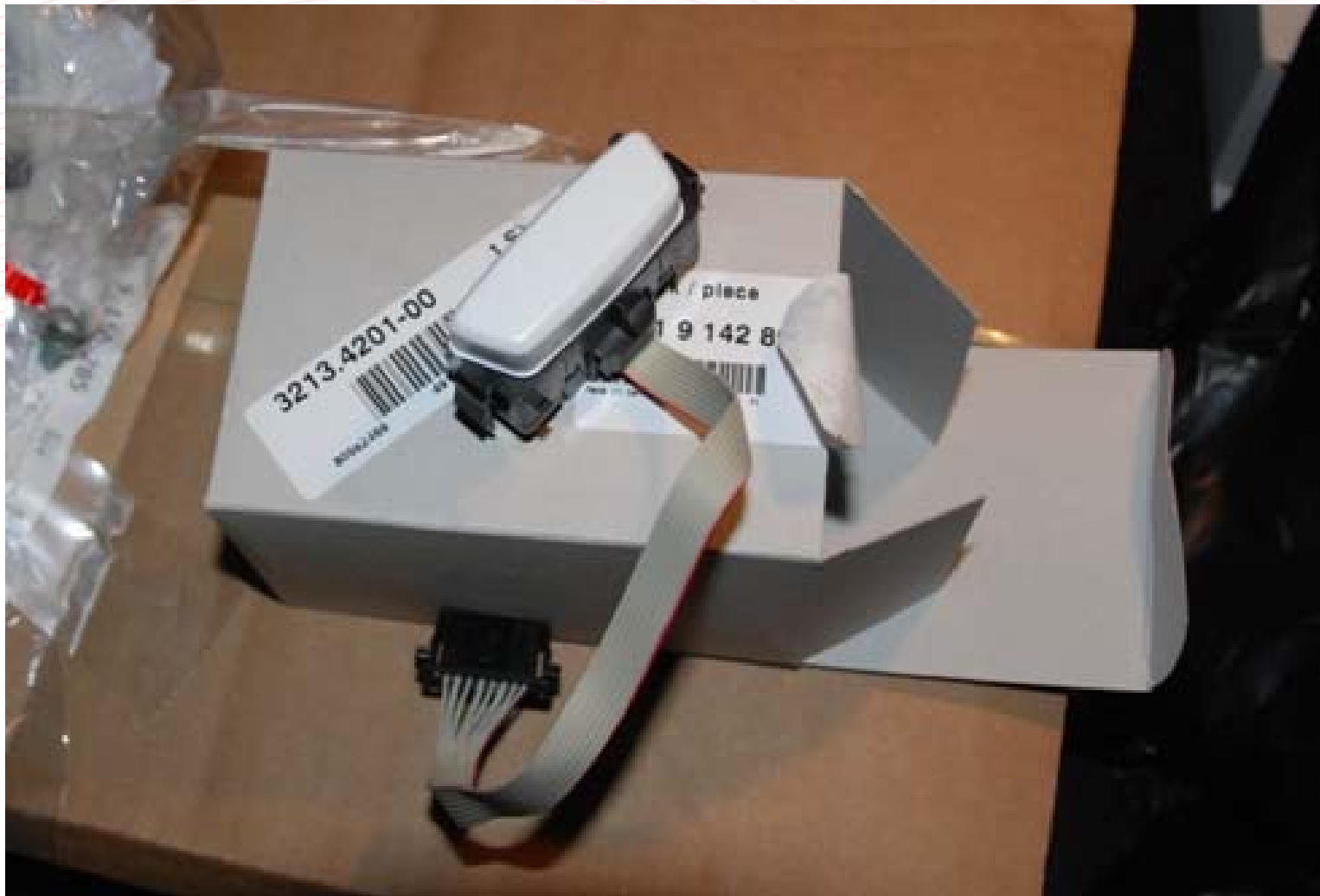




# SAT Parts – ECU



# SAT Parts – Sports Button



# Retrofit Summary

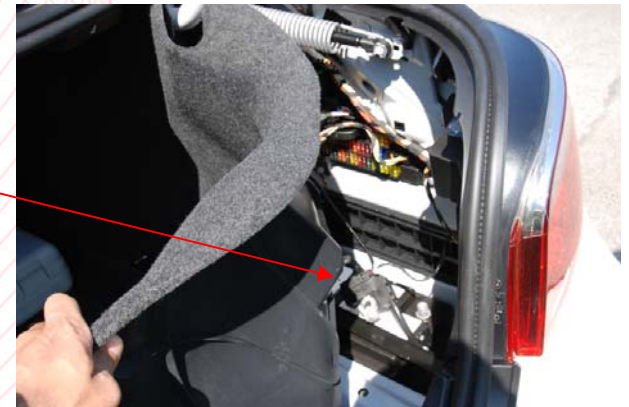
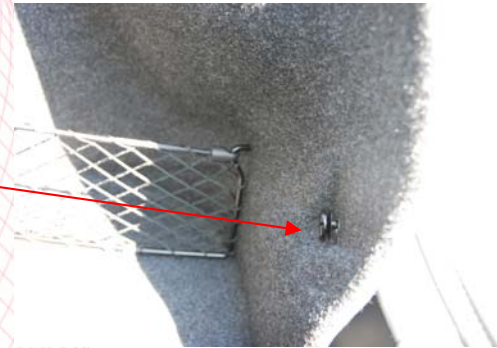
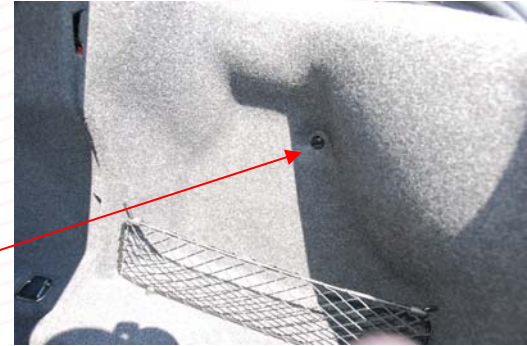
- Time required for the retrofit:
  - 0.5 hours
- Dealer quote for retrofit: EUR 200-250
- Tools required: As you can see nothing special:
  - Pliers
  - Screwdriver
  - Torx 20/30





# Step 1 – Disconnect Battery

- Go to your boot – open it.
- Lift lid to access the bottom of the boot where your spare tire is.
- Unscrew the 2 screws on the right side of the boot.
- You now have access to the battery. On the negative (black) pole, there is a bolt. I unscrewed the bolt with the pliers and pulled the connector out of the battery.
- ENSURE the connector is not lying around. There is a lot of metal of the car in that area. Rest the connector on something plastic (such as a plastic bag)





## Step 2 – Middle console work

- Remove the old console cover by putting your fingers inside the cover and pulling it out.
- Remove the I-drive knob by pulling it out



## Step 2 – Middle console work

- Remove the 3 torx screws holding the middle trim





## Step 2 – Middle console work

- Open the armrest and start lifting the trim from the back:



- Remove the connector from the Menu button:





## Step 3 – Remove ECU

- Remove 3 Torx screw holding the ECU to the middle console:



## Step 3 – Remove ECU

- Remove 2 Torx screw holding the part to the ECU:
  - Top screw can only be removed, if ECU is pushed back





## Step 4 – Replace ECU

- Replace the old ECU with shifter with the new ECU without shifter:
  - Do NOT connect the shifter (unlike shown in pic) yet.
- Tighten the 5 screws





## ...final parts

- Part 8: mount back the trim
  - Don't forget to connect the MENU button
- Part 9: Click sports button and shifter to the console cover.
- Part 10: Connect the shifter to the ECU
- Part 11: Connect sports button to the ECU
- Part 12: Connect battery
- Part 13: Enjoy your Shifter!!!!
- ***For SAT functionality, please have your car coded at the dealer***



# Disclaimer

- I hold no responsibility on any damages done to your car!
- I hold no responsibility for any guarantee of any functionality that I have described in this DIY.
- This DIY should be treated as a FYI.