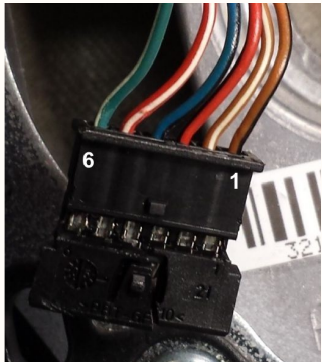
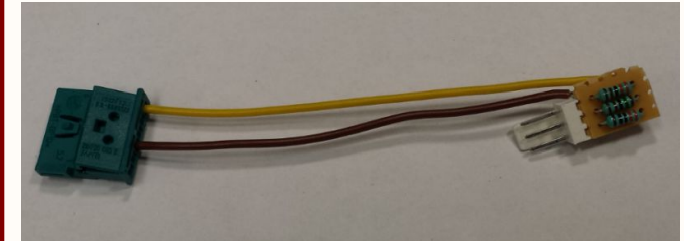
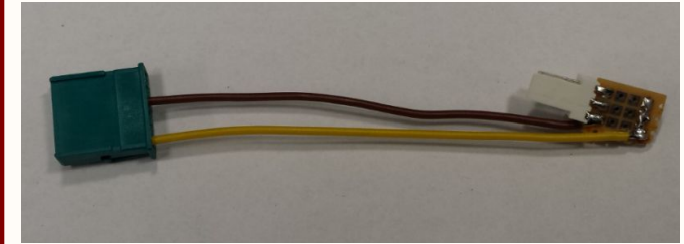
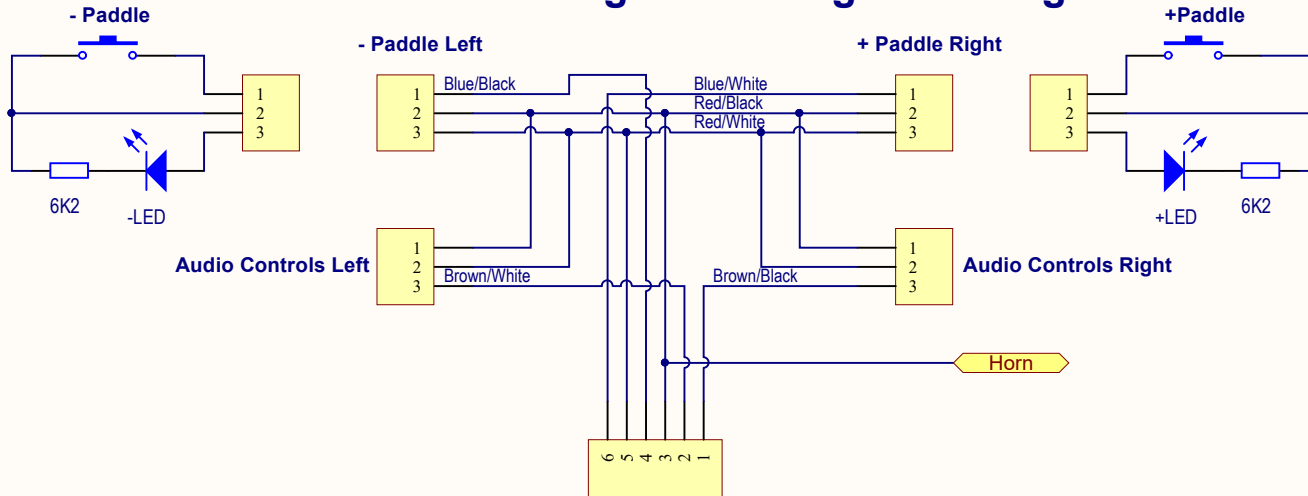
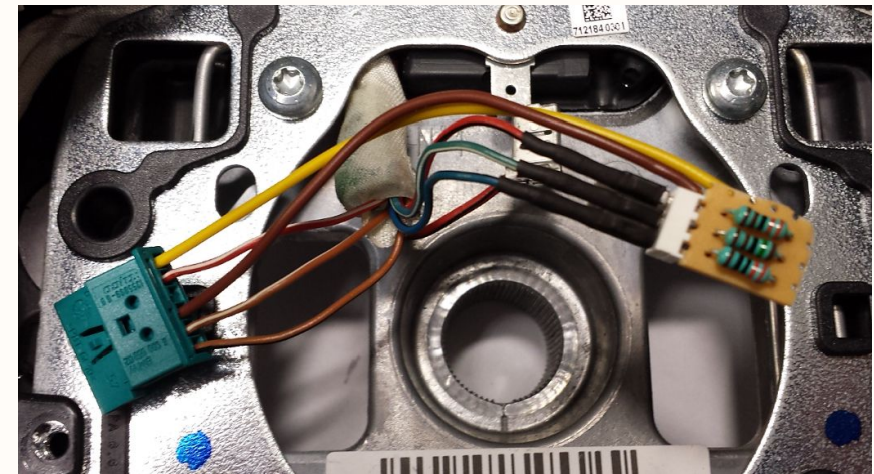
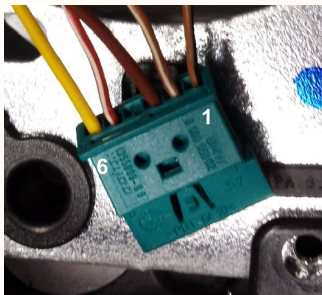
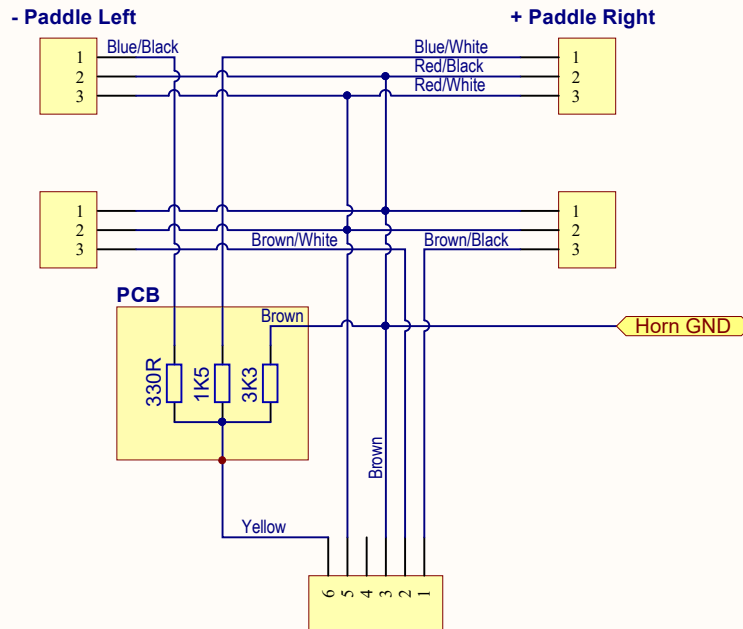


E6x M5 Steering Wheel Original Wiring



E6x Modified Wiring



BMW Part Numbers:
 Connector Housing 61 13 6 909 058 6 POL housing
 61 13 8 366 260 Crimp Terminal Socket (within the steering wheel)
 61 13 8 369 700 Crimp Terminal Socket (to connect slip ring to GND and gearbox)

Testing:
 Monitoring the voltage at pin #6 of the 6way connector when operating the steering wheel paddle shifters with the engine running and the transmission in position D.

The correct voltage values should be the following:
 "D" position – between 3.7 V - 3.8 V
 "Upshift" – between 2.4 V - 2.5 V
 "Downshift" – between 1.2 V - 1.25 V