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Instruction for Body Lowering Kit ETS

W220 , W215 - 29243-1

Indication

The colours e.g. red/blue, mean thick red with small blue. All mentioned sides are in driving direction.

Mounting

The modul is mounted in the modul box (in the engine room on the left backside) and is fitted with Velcro strip to the relais. In this box you can find the chassis ECU (AirMatic or ABC), and the ESP ECU, both labeled.

The butt connectors are connected to the plugs of the chassis ECU. The modul leads red (12V) and black (GND) are soldered at the big ESP-plug . The modul lead red/blue is connected to the small ESP-plug.

If PIN 1 is wired (colour green/white), please cut the contact on the module lead red/blue and solder it here. Without wiring the contact is simply put into this empty PIN 1, the lug of the contact schows to the outside of the plug. The entire inserting of the Pin is only possible by pulling out the plug-inner part.

Connect the leads as described in the figure and fit the butt connectors.

Test

- replace tape + cable combinder
- shrink the watertight butt connectors
- lift and lower the car with the switch inside the car
- check the connections

An axle alignment is not necessary. If one is requested it has to be done in original condition with the diagnostic plug put on the the ETS.

Adjusting

The lowering can be adjusted for about. ± 15 mm. The hole with 2 points is for adjusting both axles (step 1), the hole with 1 point is for adjusting the rear axles (step 2).

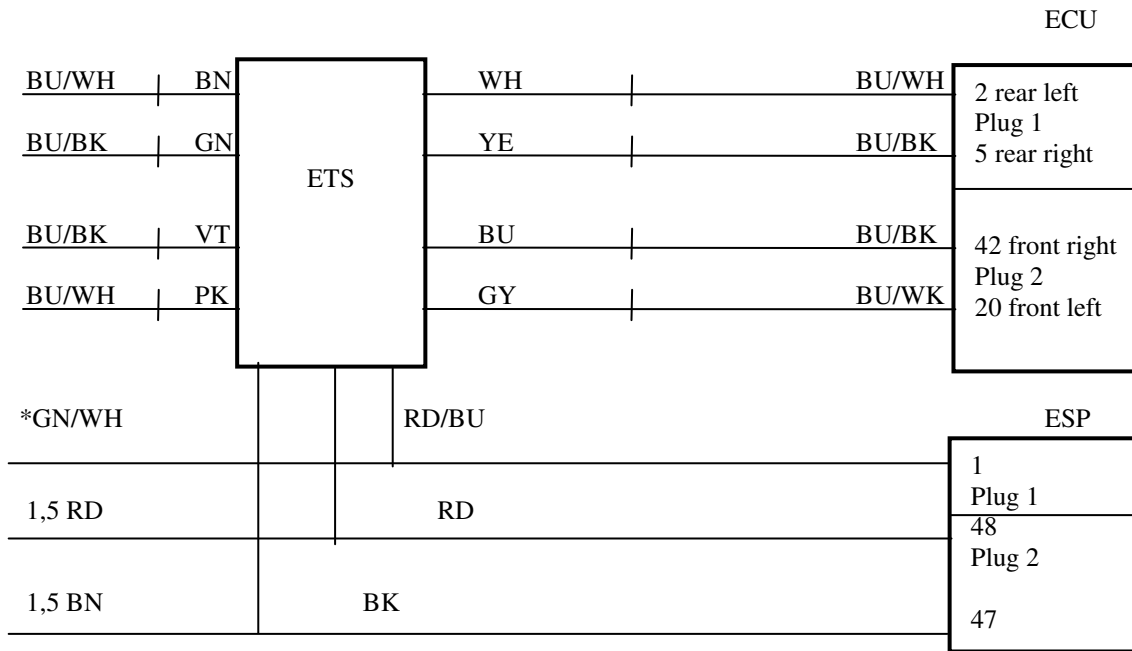
Carefully turn with a small screw driver. One turn clockwise means 2mm lower. After adjusting lift and lower the car with the switch inside the car to realize the adjustment.

Handling problems

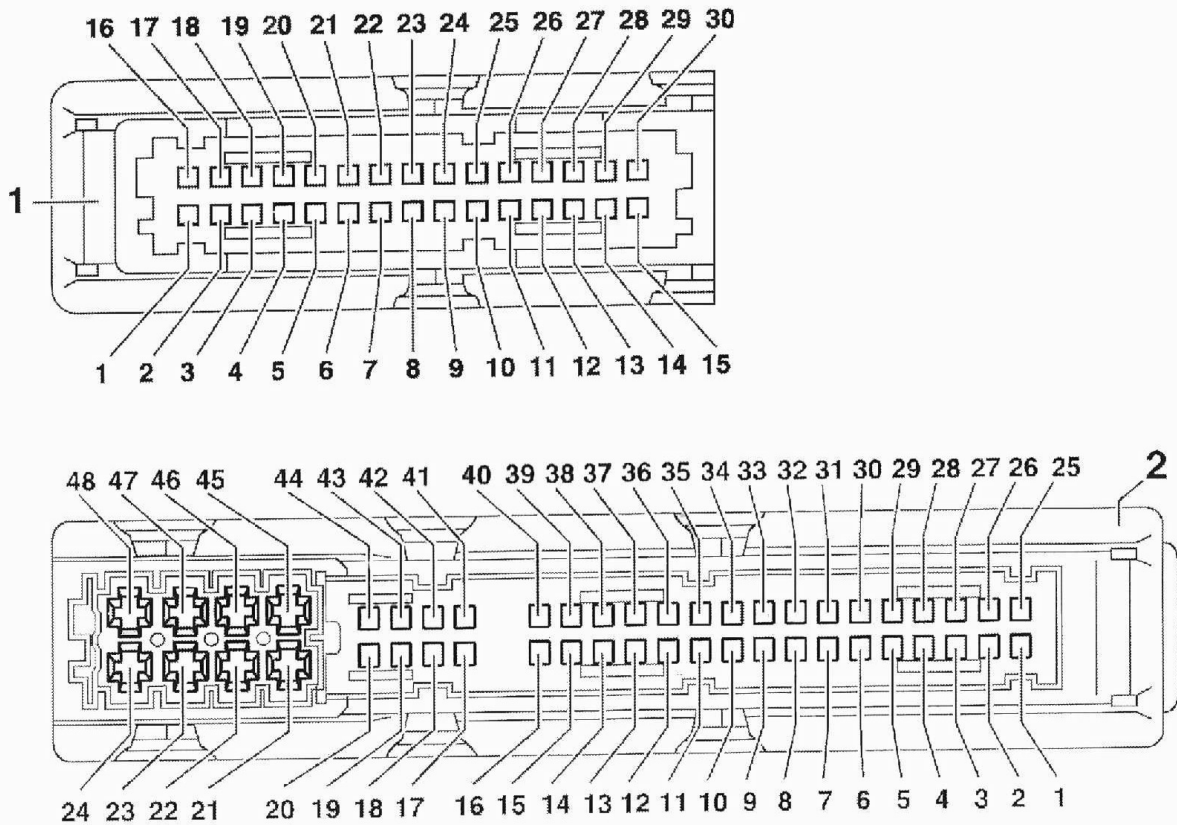
To solve your problems you can get an adapter plug to replace the lowering modul and to bring back the car into the original condition without changing the cables. If an error is shown in the menue please lift the car for 7 turns counterclockwise. For solving problems the heights in original and in lowered condition is needed.

The ETS speed control switches itself off at approx. 70km/h in benefit of the comfort.. If this is not wanted, do not connect the wires red/blue to pin 1.

215 (220 ABC)



*GN/WH: If the wire GN/WH is not on Pin 1, simply put the RD/BU into it like described above.
View on the Plugs from below:



The cable colours

gn/grün	GN/green	gr/grau	GY/grey
br/braun	BN/brown	rs/rosa	PK/pink
vi/violett	VT/violet	ge/gelb	YE/yellow
ws/weiß	WH/white	bl/blau	BU/blue
rt/rot	RD/red	sw/schwarz	BK/black