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## **Instruction for Body Lowering Range Rover LS/LM , 29099-1/-2**

### **Indication**

The colours e.g. red/blue, mean thick red with small blue. All mentioned sides are in driving direction. **The pinno are right but the colours can change!**

### **Mounting**

The modul is mounted and connected with the suspension-ECU (alu-box) inside the car, at the bottom of the right front A-pillar (A-bar), driver´s side. (RHD-car on the opposite side). Remove the cover of the footrest, after that the footrest itself, the bar for opening the hood, the triangle cover of the A-pillar and the lower cover of the steering column. The module is fitted with Velcro strip on the suspension-ECU (if you loosen the upper screw on the ECU it can be pulled down). The butt connectors are connected to the two plugs of the suspension-ECU. The other modul leads are soldered. Connect the leads as described in the figure and fit the butt connectors.

This ETS 29099-2 is only useable for Range Rover, Type LM, year 2007. The 11<sup>th</sup> number of the chassis number must be a "7".

### **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 due to the speed-control of this ETS. If you need to do one it has to be done in original height with the diagnostic plug on the ETS.

### **Adjusting**

The lowering can be adjusted for about.  $\pm 20$ mm. The hole with 2 points is for adjusting both axles, the hole with 1 point is for adjusting the rear axle.

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.

### **Back to standard level & handling problems**

If an error-message appears, reduce the lowering by turning the screw with 2 points, 7 turns.

The briding plug fixed on the cables is used to bring back the car into the standard level and to solve any problems. To solve any problems you need the 4 levels of the car, standard and lowered.

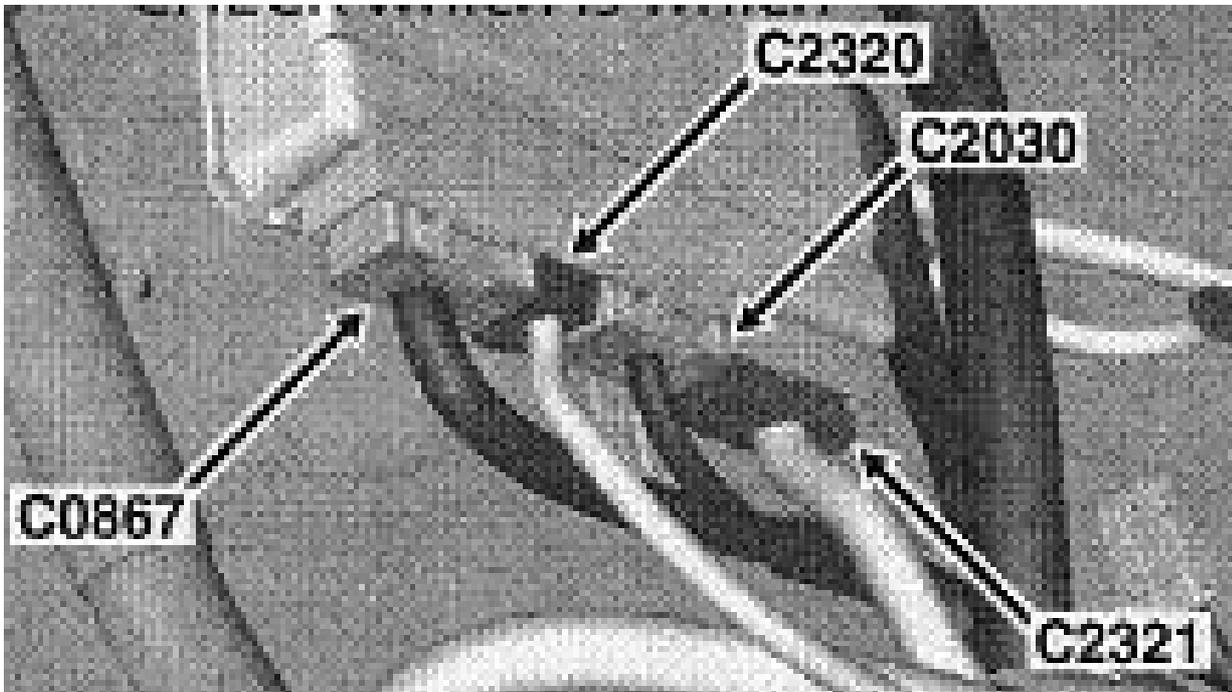
To get a better suspension comfort the lowering is reset for a speed higher than 70 km/h.

**If you do not wish this reset, do not connect the cables GY/PK and RD/BU.**

## Range Rover

suspension-ECU

OR/RD	BN	Lowering modul	WH	OR/RD	6 rear left Plug 0867
GY/BU	GN		YE	GY/BU	9 rear right
GY/OR	VT		BU	GY/OR	4 front left
GY/BU	PK		GY	GY/BU	15 front right
2,5 VT/BU			RD		Plug 2321 1
2,5 BK			BK		24
YE/BN			GY/PK		Plug 0867 16 H
YE/BK			RD/BU		CAN 19 L



### the cable colours

gn/grün	GN/green
br/braun	BN/brown
vi/violett	VT/violet
ws/weiß	WH/white
rt/rot	RD/red
or/orange	OR/orange

gr/grau	GY/grey
rs/rosa	PK/pink
ge/gelb	YE/yellow
bl/blau	BU/blue
sw/schwarz	BK/black