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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 11th 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. ± 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.

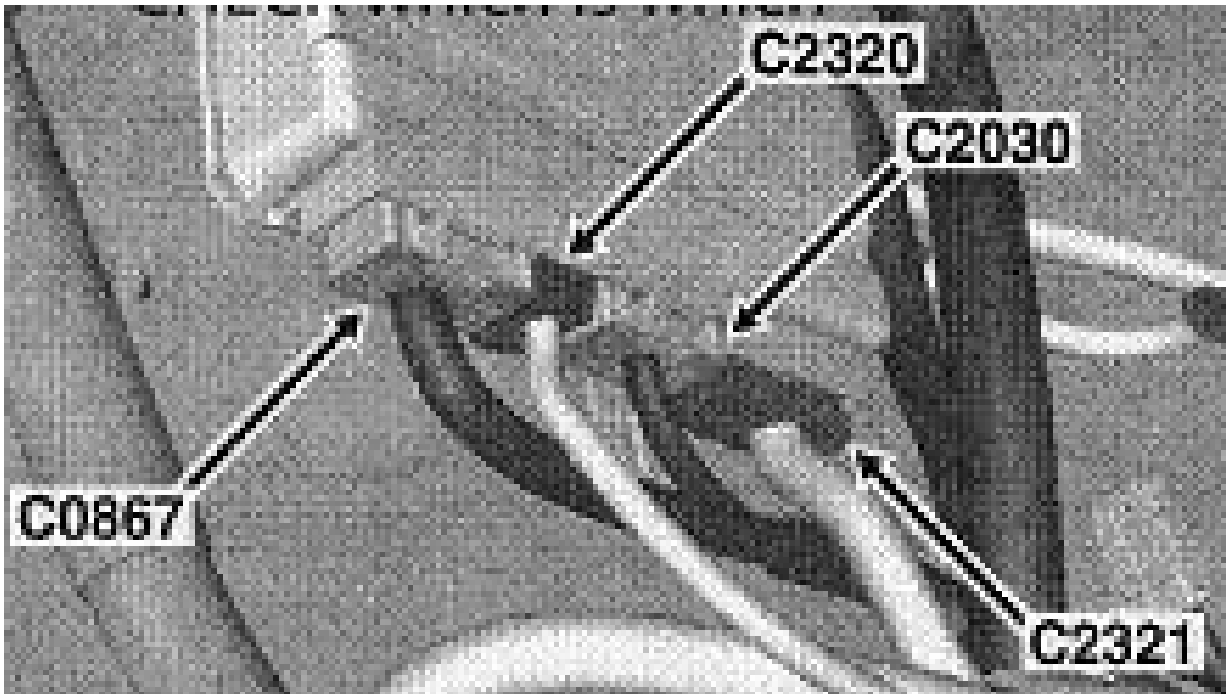
To get a better suspension comfort the lowering is reset for a speed higher than 70 km/h.

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
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
2,5 BK			BK		1
					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