

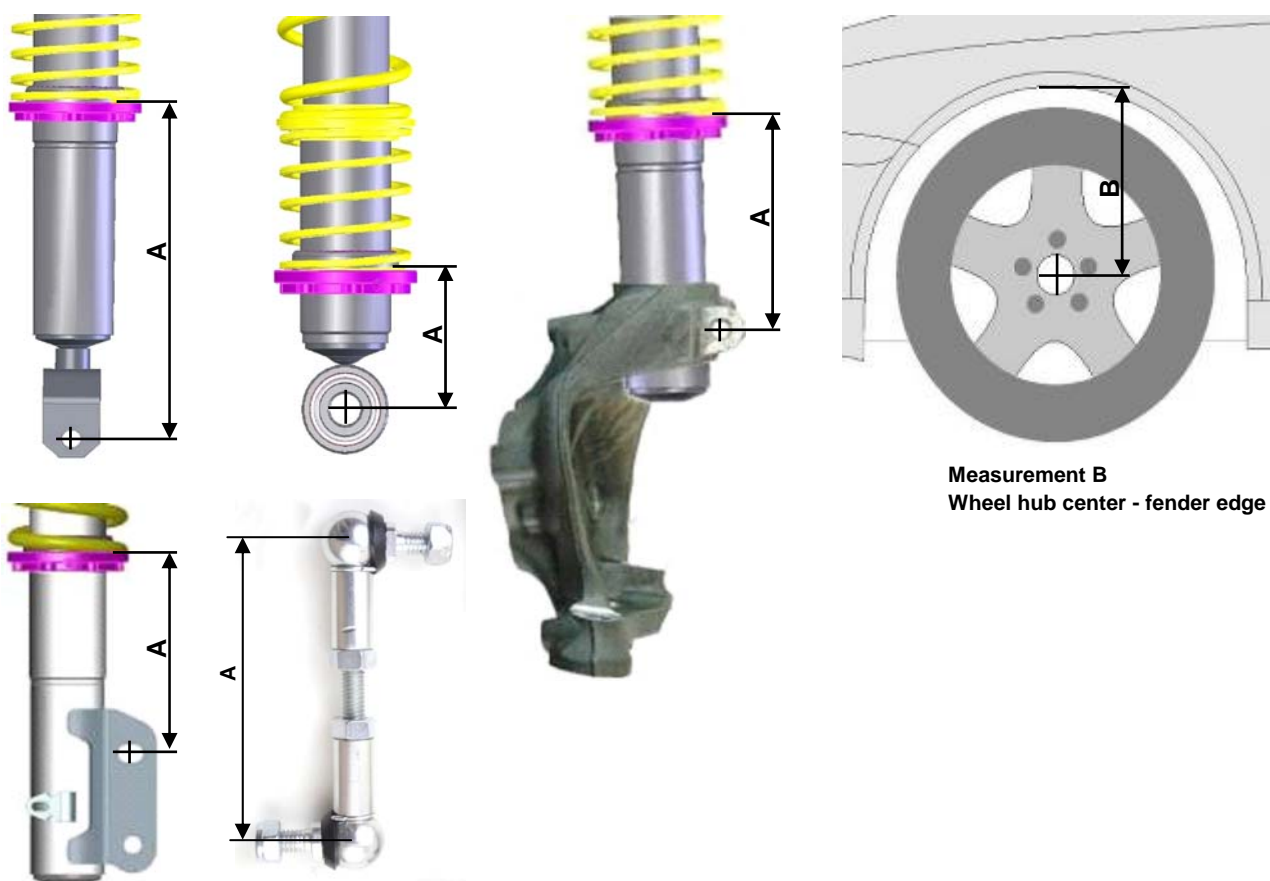


# INSTALLATION INSTRUCTIONS



Technical data	<u>Coilover</u> part number 253 25 071			
Vehicle model	Mercedes Benz CLS 63 AMG, CLS 63 AMG Shooting Brake, E 63 AMG T-Modell, E 63 AMG seda, type 218, 218 AMG, 212K, 212K AMG, 212, 212 AMG		max. permissible front axle load: 1230 kg	
	front axle		rear axle	
Spring signature	2536		2x KW coupling bar	
Coilover strut / Shock absorber signature	-			
Approximate distance measurement A Front axle: Fastening screw - spring contact area Rear axle: Seating height adjustment - spring contact area or fastening screw - spring contact area	min:	max:	min:	max:
	200 mm	220 mm	-	-
Approximate measurement* B in mm / inch: wheel hub center to fender edge	min:		min:	
	335 mm		340 mm	

Calculating the adjustment range (distance measurement A) : (Photos are examples only)



Measurement B  
Wheel hub center - fender edge

Please enter the adjusted height of the modified car into the list:

Coilover part no	Vehicle type	Measurement A		Wheel hub center - fender edge Measurement B	
		Front	Rear	Front	Rear

\* **IMPORTANT:** The allowable measurement between wheel hub center and fender edge as indicated above, may not exceed these measurements when using standard fenders.

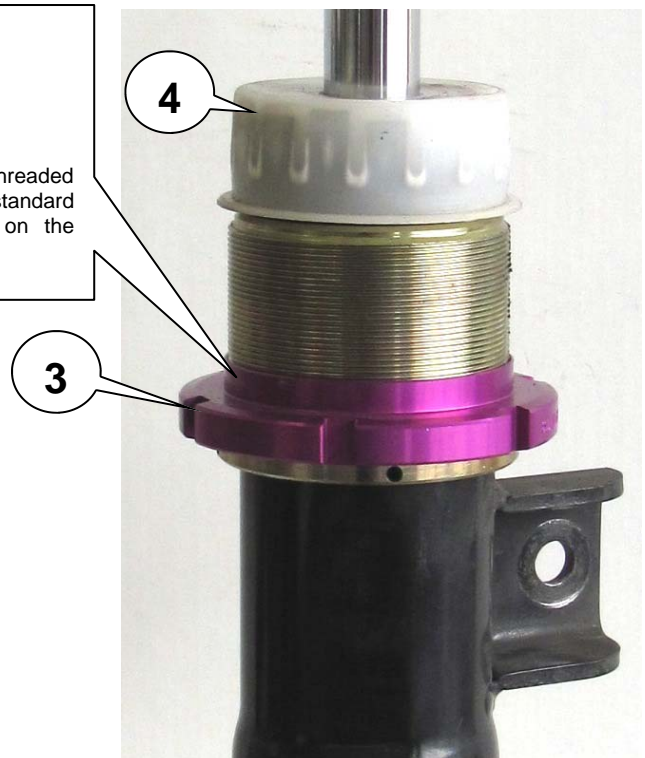
## Front axle:



Remove the standard spring, standard bumpstop and the standard dust cover. In the next Stepp remove (pull) the molded ventilation disk (1) and the spring perch (2).



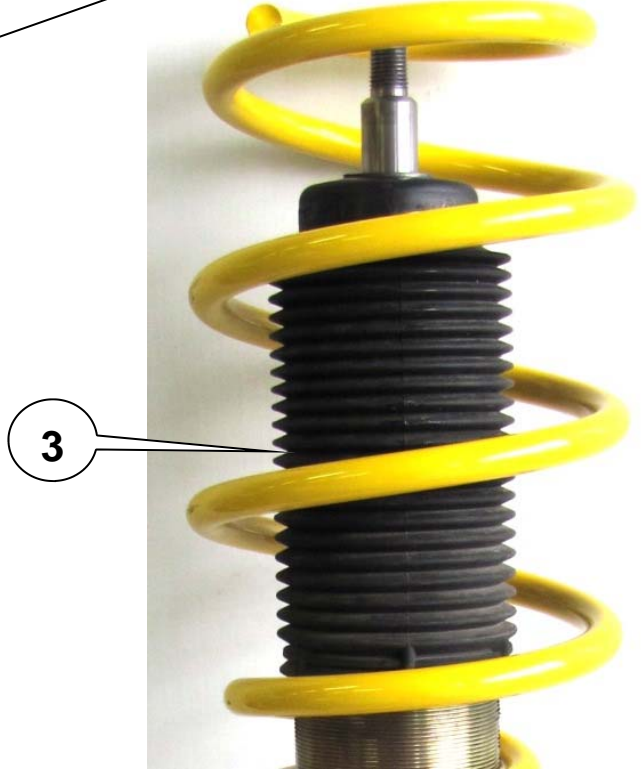
Insert the supplied threaded bush (3) and the standard ventilation disk (4) on the coilover strut.



**Front axle:**



Insert the supplied spring (1) and bump stop (2) on the strut. After this insert the original dust cover (3) on the strut.



**Attention:**

The marked point in the picture has to show to the vehicle outside when the steering wheel is neutral. This has to be checked and if necessary corrected after every change of the vehicle ride height.

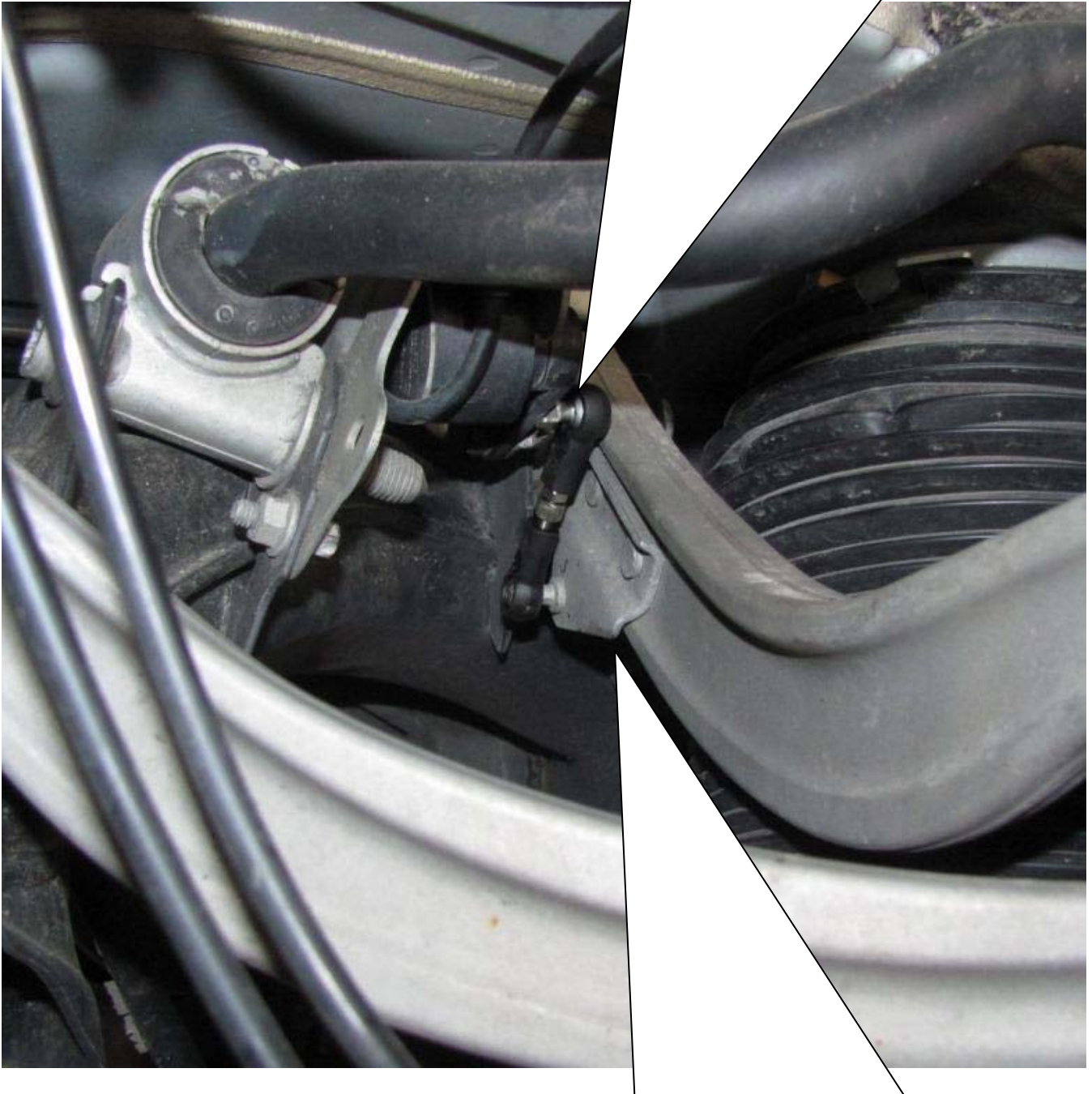
## Front axle:

Install the original supporting bearing with the original spring rubber and fix it with the standard nut. Please install the strut unit to manufacturers recommended settings regarding tightening torque and fixing specifications.



## Rear axle:

It 2 coupling bars are required for the installation. Exchange the installed coupling bars against the supplied coupling bar.



The distance which has to be measured from spherical head centre to spherical head centre should be between 57 mm and 60 mm / 2,24 inch - 2,36 inch. For reaching the distance between wheel centre and fender bending edge on the rear axle you could correct the length of the joint rod. The joint rods must have the same length on both car sides.