

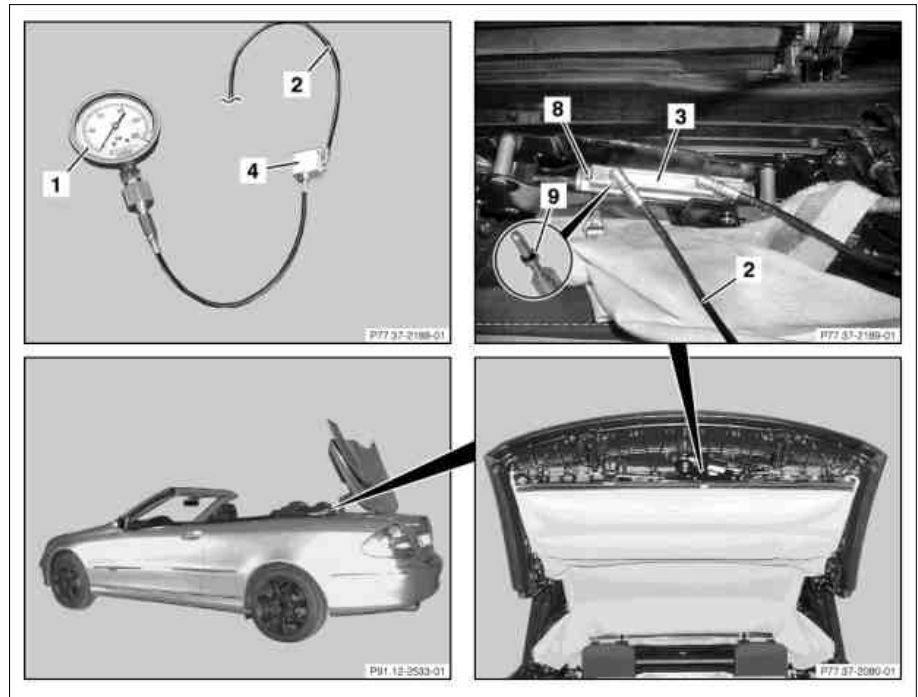





















Illustrated on model 209.4

- 1  Pressure gage
 2 Hydraulic line on rod side
 3 Soft top lock unit for hydraulic cylinder
 4  Adapter
 8 Locking plate
 9 Sealing ring



P77.37-2183-06

	Removing		
 Danger!	Risk of injury when performing check and repair work in area of roll bar	Before working in the area of the roll bar, pull out the rear head restraints by hand. Keep body parts out of the area where the roll bar extends.	AS91.00-Z-0003-01QA
 Danger!	Risk of injury caused by moving parts that can pinch, crush or, in extreme cases, even sever extremities	No parts of the body or limbs should be within the operating range of the mechanism when moving components.	AS00.00-Z-0009-01A
 Danger!	Risk of injury to skin or eyes caused by hydraulic fluid spraying out under high pressure. Risk of poisoning caused by swallowing hydraulic fluid	Depressurize the hydraulic system completely before starting any work on the system. Wear protective clothing and safety glasses.	AS00.00-Z-0013-01A
 Danger!	Risk of injury caused by scraping or cutting body parts on sharp vehicle parts	Always wear protective gloves when working on or near sharp and non-deburred vehicle parts. Deburr repair panels.	AS00.00-Z-0017-01A
1  AD	Read out fault memory, delete if necessary Connect STAR DIAGNOSIS and read out fault memory	 If necessary process DTC's.	AD00.00-P-2000-04A
2	Partially open soft top	 If the soft top control is faulty, e.g. defective hydraulic pump, open soft top mechanically. Leave soft top compartment lid open	
3	Loosen soft top locking unit hydraulic cylinder (3) and turn to side	 Do not yet disconnect hydraulic lines from hydraulic cylinder Do not remove hydraulic cylinder from lock unit	AR77.37-P-4195QA
4	Remove locking plate (8) from hydraulic line (2) on rod side		
5	Pull rod-side hydraulic line (2) out of soft top locking unit hydraulic cylinder (3)	 The hydraulic line on the rod side (2) is marked with the number "65" in back of the connection at the factory. Collect hydraulic oil which flows out in a suitable vessel.	
6	Remove old seal (9) from soft top locking unit hydraulic cylinder (3)		
7  BB	Install new sealing ring (9) on connection on rod side hydraulic line (2). Hydraulic fluids (Specification 343.0)	 Coat new sealing ring (9) with hydraulic oil. Sheet 343.0	BB00.40-P-0343-00A
	Checking		
8	Actuate soft top hydraulic pump with STAR DIAGNOSIS and check delivery pressure of soft top hydraulic pump.		AR77.37-P-4204-01QA

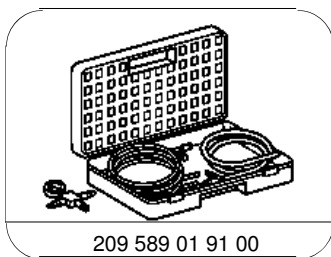
		  Minimum supply pressure for soft top hydraulic pump  If the pressure measured is less than the minimum supply pressure indicated in the table, replace soft top hydraulic pump. Refer to: ↓ Remove/install soft top hydraulic pump Model 209.4 Model 207.4	*209589019100 *126589142100 *BE77.37-P-1001-01A AR77.37-P-1000QA AR77.37-P-1000EC
9	Close STAR DIAGNOSIS		
	 Install		
10	Remove old seal (9) from soft top locking unit hydraulic cylinder (3)		
11	Install new sealing ring (9) on connection on rod side hydraulic line (2). Hydraulic fluids (Specification 343.0)	 Coat new sealing ring (9) with hydraulic oil. Sheet 343.0	BB00.40-P-0343-00A
12	Insert rod-side hydraulic line (2) into soft top locking unit hydraulic cylinder (3)		
13	Install locking plate (8)		
14	Install soft top lock unit for hydraulic cylinder (3)		AR77.37-P-4195QA
15	Close soft top		
16	Check hydraulic system oil level Hydraulic fluids (Specification 343.0)	 If necessary correct oil level Sheet 343.0 	BB00.40-P-0343-00A *BA77.37-P-1003-01C

Test and adjustment value for hydraulic soft top

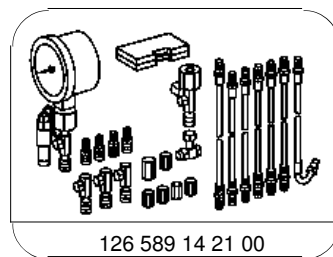
Number	Designation		Model	Model
			207.4	209.4
BE77.37-P-1001-01A	Minimum supply pressure for soft top hydraulic pump	bar	≥170	≥170

Soft top hydraulic components

Number	Designation		Model	Model
			207.4	209.4
BA77.37-P-1003-01C	Oil filler screw to hydraulic unit reservoir	Nm	2	2



Testing kit



Tester