

46-0002 Survey of power steering pumps (LHP)/tandem pumps (TANP)

Note

Tandem pumps on vehicles with level control, 4MATIC, ASD, ADS. The pressure of the radial piston pump section (approx. 150 bar) in the tandem pump is limited in the control units of the connected systems.

Model	Engine	Opening pressure in bar	Color coding		Version		
			LHP	TANP	LHP	TANP	
124	102 up to 04/91	95 ± 5	yellow	-	VT/ZL 61	-	
	601 up to 12/91						
	102 as of 05/91				VT/ZL 67		
	601 as of 01/92						
	111				yellow/green		VTP/ZLP 67
	602 up to 12/91	110 ± 5	red	-	VT/ZL 61		
	603 up to 04/91						
	602 as of 01/92				VT/ZL 67		
	603 as of 05/91						
	103, 104 CIS-E up to 09/92				VT/ZL 61		VTP 62
	602 Turbo up to 12/91				red/green		VTP/ZLP 161
	603 Turbo up to 12/91						
	119 LH				VT/ZL 67		VTP/ZLP 67
	104 HFM as of 10/92						
	602 Turbo as of 01/92						
	603 Turbo as of 01/92						
	605, 606						

LHP = power steering pump

TANP = Tandem pump

ZL/ZLP = Power steering/tandem pump - Zahnradfabrik Friedrichshafen

VT/VTP = Power steering pump/tandem pump - Vickers or LUK.

Model	Engine	Opening pressure in bar	Color coding:		Version	
			LHP	TANP	LHP	TANP
129	103, 104 CIS-E up to 06/93, 119 CIS-E up to 09/92	110 ± 5	red	red/ green	VT/ZL 61	VTP 62
					VT/ZL 67	VTP/ZLP 67
	104 HFM as of 07/93	115 ± 5		silver/green	-	
	119 LH as of 10/92					
	119		-	violet/ green		
120	125 ± 5					
140	104 with LH and HFM	105 ± 5	black	black/ green	VT/ZL 67	VTP/ ZLP 167
	119 LH	125 ± 5	violet	violet/ green	-	
	120		-			
	603 Turbo		violet		VT/ZL 67	
201	102 1)	65 ± 5	black	-	VT/ZL 61	-
	102 2), 103, 601, 602	85 ± 5	green			
202	111, 601, 604	95 ± 5	yellow	yellow/ green	VT/ZL 67	VTP/ZLP 67
	104, 605	110 ± 5	red	red/ green		

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1) Introduction as of 09/84 to 08/87 across the board, as of 09/87 vehicles without CAT, air conditioner or automatic transmission only.

2) Introduction as of 09/87, improved steering assistance, for exception refer to number 1).