

P35.20-0233-05

XX	Remove/install		
1	Secure vehicle on the lifting platform		
2	Remove rear axle shaft	Model 129, 170, 202, 208, 210 bolted rear axle shaft	AR35.30-P-0620A
		Model 203, 209 bolted rear axle shaft	AR35.30-P-0620AC
		Model 170, 208 plugged rear axle shaft	AR35.30-P-0620GG
		Model 203, 209 plugged rear axle shaft	AR35.30-P-0620P
		Model 171	AR35.30-P-0620V
1	Remove parking brake shoes	129, 170, 202, 203, 208, 209, 210	AR42.20-P-0530A
		171	AR42.20-P-0530V
4	Pulling out rear-axle shaft flange (10, wheel carrier installed)	Hydraulic extraction tool: Tighten the pressure screw of the hydraulic auxiliary press to max. 40 Nm only, otherwise the pressure screw and the thread will be damaged.	AR35.20-P-0130-01B
		S Extractor tool	*202589044300
		Pressure screw	*202589044311
		Extraction and insertion tool	*140589084300
		Extraction and insertion tool	*124589054300
		l	121000001000
		if the rear-axle shaft flange is too tight to be extracted with a force of 40 Nm, the wheel carrier must be removed and a stationary press used: i	
		Remove wheel carrier:	
		Model 129, 170, 202, 208, 210 except code	AR35.20-P-0115B
		(979) Special protection version and code (Z06) B6 armoring	
		Model 210 with code (979) Special protection version and code (Z06) B6 armoring	AR35.20-P-0115FB
		Model 203, 209	AR35.20-P-0115P
		Model 171	AR35.20-P-0115V
		Pull out jammed rear axle shaft flange (wheel carrier removed)	AR35.20-P-0130-04GH
		S Extractor tool	*202589044300
		Straction and insertion tool	*140589084300
		S Extraction and insertion tool	*124589054300
5	Remove retaining ring (9)	installation: Ensure that the retaining ring is properly seated in the wheel carrier.	
3	Pull double-row angular ball bearing (8) out of wheel carrier	migra property socials in the missi sufficient	AR35.20-P-0130-03A
		S Extraction and insertion tool	*140589084300
		Extraction and insertion tool	*124589054300
,	Pull bearing inner race off the rear axle shaft flange (10)	LANGUION AND INSCRIBITION	AR35.20-P-0130-02A
	liange (10)	Thrust piece	*124589023400

		Y Puller Y Clamping pliers Y Clamping pliers	*001589503300 *140589013400 *201589003400
4	Checking		
8	Check lateral and vertical runout of rear-axle shaft flange (10)	Permissible lateral runout	*BE35.20-P-1001-01A
		Permissible radial runout	*BE35.20-P-1002-01A
		If the test values are exceeded: ↓	
		replace rear-axle shaft flange.	
9	Install in the reverse order		

Test values for rear-axle halfshaft flange

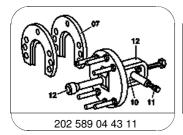
Number	Designation	Model 129	Model 170	Model 171
BE35.20-P-1001-01A	Permitted lateral runout of rear-axle shaft flange when mm installed	0.03	0.03	0.03
BE35.20-P-1002-01A	Permitted vertical runout of rear-axle shaft flange at centering mm when removed	0.03	0.03	0.03

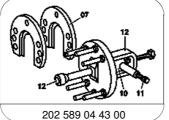
Test values for rear-axle halfshaft flange

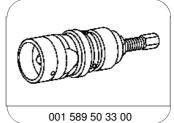
Number	Designation		Model 202	Model 203	Model 208
BE35.20-P-1001-01A	Permitted lateral runout of rear-axle shaft flange when installed	mm	0.03	0.03	0.03
BE35.20-P-1002-01A	Permitted vertical runout of rear-axle shaft flange at centering when removed	mm	0.03	0.03	0.03
	When removed				

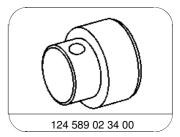
Test values for rear-axle halfshaft flange

Number	Designation		Model 209	Model 210
BE35.20-P-1001-01A	Permitted lateral runout of rear-axle shaft flange when installed	mm	0.03	0.03
BE35.20-P-1002-01A	Permitted vertical runout of rear-axle shaft flange at centering when removed	mm	0.03	0.03







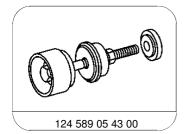


Pressure screw

Extraction tool

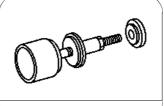
Puller

Thrust piece

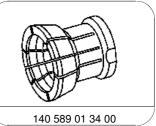




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Chuck

Extraction and insertion tool Chuck Extraction and insertion tool