

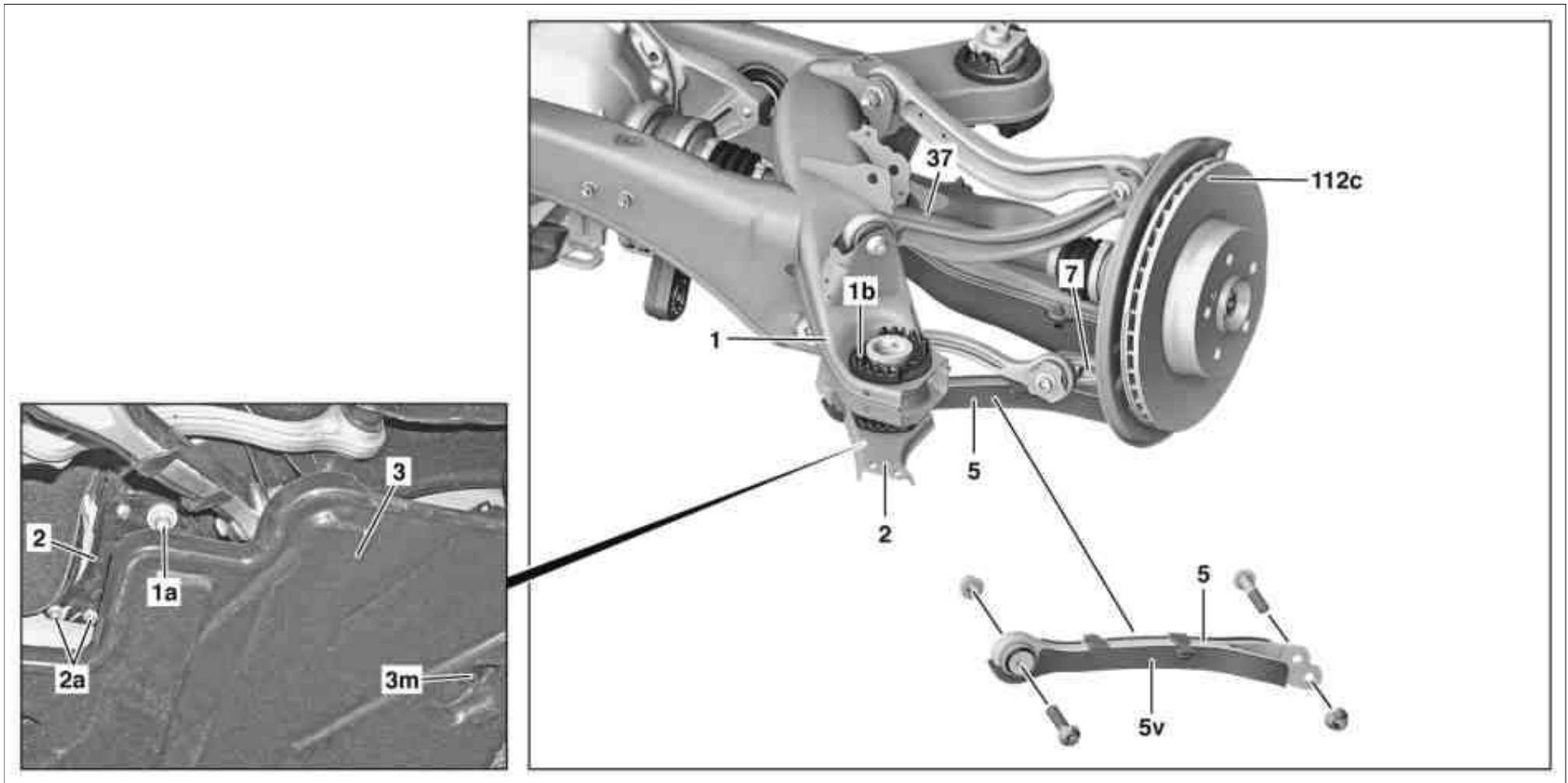
Document title Remove/install thrust arm

Document number ar3520p0113ew

Model 212, 218

Modification notes

17.12.14	Schraube Anschlagplatte an Karosserie	TYP 212	BA35.10-P-1003-01N
17.12.14	Schraube Anschlagplatte an Karosserie	TYP 218	BA35.10-P-1003-01N



P35.20-2216-09

1 Rear axle carrier
1a Screw
2 Stop plate

2a Bolts
3 Underfloor paneling
3m Nut

5 Thrust arm
5v Trim
7 Wheel carrier

	Risk of death caused by vehicle slipping or toppling off of the lifting platform.	Align vehicle between vehicle lift columns and position the four support plates at the vehicle lift support points specified by the vehicle manufacturer.	AS00.00-Z-0010-01A
⚠	Notes on self-locking nuts and bolts		AH00.00-N-0001-01A
i	Notes on repair work on suspension components		AH00.00-P-0100-01A
⏏ ⏏	Remove/install		
1	Secure vehicle on vehicle lift		AR00.60-P-0100EWS
2	Remove left or right rear wheel		AP40.10-P-4050EW
AP			
3	Support rear axle carrier (1) using telescopic lifter and transmission plate 000 588 11 62 00 Major assembly mount 000 588 10 62 00 Support plate		WS01.00-P-0092B WS26.00-P-3309B
WS WS			
4	Unscrew nut (3m) from left or right underfloor paneling (3)		
5	Pull down underfloor paneling (3) in rear area far enough to gain access to the thrust arm mounting (5) on the rear axle carrier (1)		
6	Unscrew bolt of left and right rear diagonal strut on bracket for stop plate (2)	Model 212.2, 218.9 Nm Bolt, rear diagonal strut bracket mount to body	*BA61.10-P-1006-01H

7	Unscrew bolts (1a, 2a) and remove stop plate (2)	<p>⚠ Installation: The threads in the frame floor assembly must be recut and blown out as any adhesive residue in the thread will prevent the bolts (1a, 2a) from achieving the required preload force, even when tightened to the specified torque and specified angle of rotation. If this is not observed, then the faulty bolt preload force will cause bending forces to act on the bolts (1a, 2s), which could ultimately lead to bolt fracture.</p> <p>i Installation: Replace bolts (1a, 2a).</p> <p>Nm Self-locking bolt of front elastomer bearing on rear axle carrier to frame floor assembly</p> <p>Nm Bolt, stop plate to body</p>	<p>*BA35.10-P-1001-01N</p> <p>*BA35.10-P-1003-01N</p>
8	Remove thrust arm (5) from rear axle carrier (1) and wheel carrier (7)	<p>i Installation: Only tighten nuts and screws/bolts of suspension components when vehicle is in a ready-to-drive condition.</p> <p>Nm Self-locking nut, thrust arm to rear axle carrier</p> <p>Nm Self-locking nut, thrust arm to wheel carrier</p>	<p>*BA35.20-P-1001-05G</p> <p>*BA35.20-P-1002-05G</p>
9	Remove cover (5v) from thrust arm (5)	When replacing the thrust arm (5).	
10	Check elastomer bearing in wheel carrier (7) for damage	<p>If damage is present:</p> <p style="text-align: center;">↓</p> <p>Replace elastomer bearing in wheel carrier (7).</p> <p>🔧 Extraction and insertion tool</p>	<p>AR35.20-P-0105-01CW</p> <p>*204589034300</p>
11	Install in the reverse order		

Nm Rear axle carrier

Number	Designation		Model 212	Model 218	
BA35.10-P-1001-01N	Self-locking bolt of front elastomer bearing on rear axle carrier to frame floor assembly	Stage 1	Nm	80	80
		Stage 2		lösen	lösen
		Stage 3	Nm	80	80
		Stage 4	∠°	90	90

Nm Rear axle carrier

Number	Designation		Model 212	Model 218
BA35.10-P-1003-01N	Bolt, stop plate to body	Nm	30	30

Nm Thrust arm

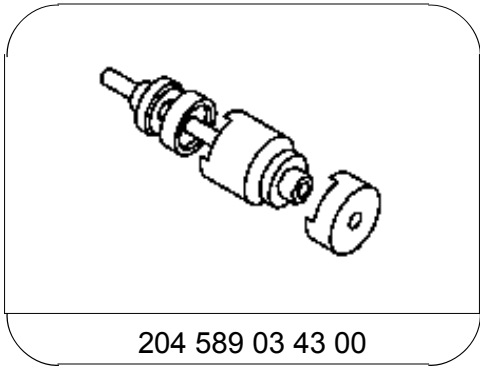
Number	Designation		Model 212	Model 218		
BA35.20-P-1001-05G	Self-locking nut, thrust arm to rear axle carrier	M12	Stage 1	Nm	50	50
			Stage 2	∠°	90	90

Nm Thrust arm

Number	Designation		Model 212	Model 218		
BA35.20-P-1002-05G	Self-locking nut, thrust arm to wheel carrier	M12	Stage 1	Nm	50	50
			Stage 2	∠°	90	90

Nm Frame floor assembly

Number	Designation		Model 212	Model 218
BA61.10-P-1006-01H	Bolt, rear diagonal strut bracket mount to body	Nm	60	60



204 589 03 43 00

Extraction and insertion tool