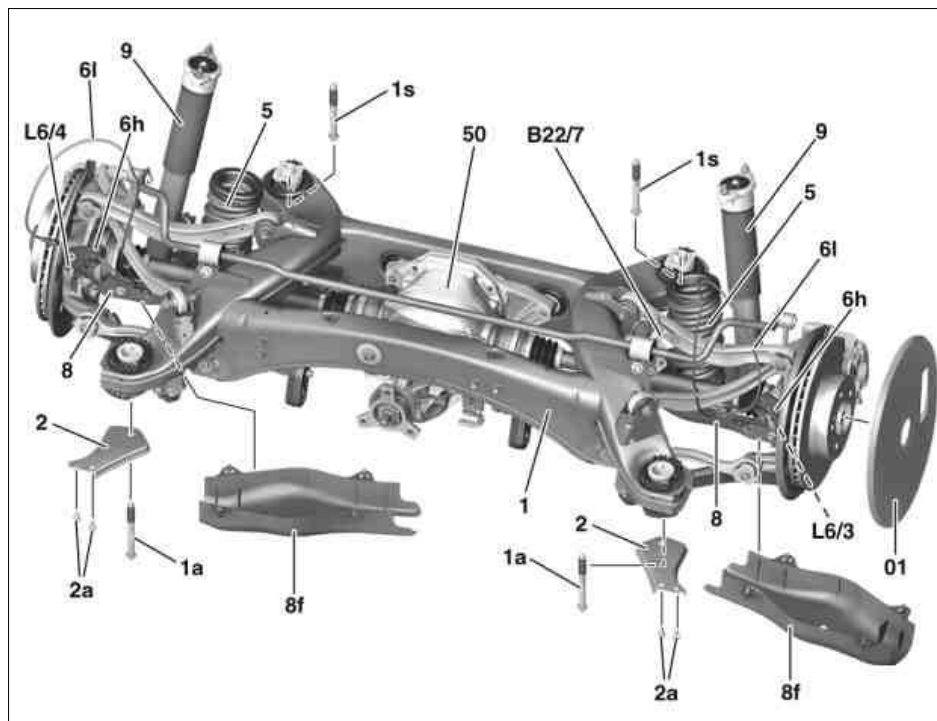





MODEL 212, 218


- 1 Rear axle carrier
 01 Guard plate
 1a Screw
 1s Screw
 2 Stop plate
 2a Bolts
 5 Steel spring
 6h Bracket
 6l Electrical line
 8 Spring control arm
 8f Cover
 9 Shock absorber
 50 Rear axle gear
 B22/7 Left rear level sensor (MODEL 212.0/1 with CODE 488 (Steel/air suspension) or CODE 489 (AIRmatic) or CODE 615 (Bi-xenon headlamp with active curve lights) or CODE 621 (Intelligent Light System (left-hand traffic)) or CODE 622 (Intelligent Light System) or with CODE 631 (LED static headlamp, left-hand drive) or with CODE 632 (LED static headlamp, right-hand drive) or CODE 640 (LED dynamic headlamp, SAE right-hand traffic) or CODE 641 (LED dynamic headlamp, SAE left-hand traffic) or CODE 642 (LED dynamic headlamp, right-hand traffic), MODEL 212.2, 218)
 L6/3 Left rear axle rpm sensor
 L6/4 Right rear axle rpm sensor



P35.10-2327-06

Danger !	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
Danger !	Risk of poisoning from swallowing brake fluid. Risk of injury from skin and eye contact with brake fluid	Only pour brake fluid into suitable and appropriately marked containers. Wear protective clothing and eye protection when handling brake fluid.	AS42.50-Z-0001-01A
	Notes on self-locking nuts and bolts		AH00.00-N-0001-01A
	Notes on AIRmatic		AH32.22-P-1000-02EW
	Notes on repair work on suspension components		AH00.00-P-0100-01A
	Remove/install		
1	Move transmission into neutral or idle position and release parking brake		
2	Empty air springs using diagnostic system	MODEL 212.0/1, 218 with CODE 488 (Steel/air suspension) MODEL 212.0/1, 218 with CODE 498 (Japanese version) MODEL 212.2	AD00.00-P-2000-04A
AD		Installation: The air spring must be filled as per the specifications. Otherwise, the air spring may suffer initial damage and it may malfunction at a later stage.	
3.1	Switch off ignition and remove transmitter key from electronic ignition lock control unit	MODEL 212, 218 without CODE 889 (KEYLESS-GO)	

3.2	Switch off ignition and remove transmitter key or KEYLESS-GO start/stop button from electronic ignition lock control unit	MODEL 212, 218 with CODE 889 (KEYLESS-GO)	
4	Secure vehicle on vehicle lift		AR00.60-P-0100EWS
5	Remove rear road wheels		AP40.10-P-4050EW
6	Release left and right underfloor paneling in area of threaded axle connection		
7	Remove left and right rear diagonal strut	MODEL 212.2, 218.9  Bolt, rear diagonal strut bracket mount to body	*BA61.10-P-1006-01H
8	Remove exhaust system as from connecting point	MODEL 212, 218 MODEL 212, 218 with ENGINE 157, 276, 278 MODEL 212 with ENGINE 156, 272, 273 MODEL 212, 218 with ENGINE 642, 651 MODEL 212 with ENGINE 274	AR49.10-P-7100EL AR49.10-P-7100EW AR49.10-P-7100EWI AR49.10-P-7100MR
9	Slacken off threaded connections of propeller shaft center support bearing on frame floor assembly by 3 or 4 turns		AR41.10-P-0050EW
10	Detach propeller shaft from rear axle differential (50)	 Flex disk remains on propeller shaft.	AR41.10-P-0050EW
11	Remove center brake cable		AR42.20-P-0523EW
12	Detach rear right brake wear sensor from electrical connection for rear right brake wear sensor on brake caliper		
13	Detach electrical connection for rear right brake wear sensor from brake caliper	 Screw/bolt, brake wear sensor to brake caliper	*BA42.10-P-1003-12J
14	Detach electrical connection from rear left level sensor (B22/7) and unclip from bracket	MODEL 212.0/1 with CODE 488 (Steel/air suspension) MODEL 212.0/1 with CODE 489 (AIRMATIC) MODEL 212.0/1 with CODE 615 (Bi-xenon headlamps with active light function) MODEL 212.0/1 with CODE 621 (Intelligent Light System (left-hand traffic)) MODEL 212.0/1 with CODE 622 (Intelligent Light System) MODEL 212.0/1 with CODE 631 (Scheinwerfer LED statisch Linksverkehr) MODEL 212.0/1 with CODE 632 (Headlamps, LED, static, right-side traffic) MODEL 212.0/1 with CODE 640 (Headlamps, LED, dynamic, SAE, right-side traffic) MODEL 212.0/1 with CODE 641 (Headlamps, LED, dynamic, left-side traffic) MODEL 212.0/1 with CODE 642 (Headlamps, LED, dynamic, right-side traffic) MODEL 212.2 MODEL 218	
15	Detach electrical connection from rear right level sensor and unclip from bracket	MODEL 212.0/1, 218 with CODE 488 (Steel/air suspension) MODEL 212.0/1, 218 with CODE 489 (AIRMATIC) MODEL 212.2	
16	Detach electrical connection of left rear-axle damping valve unit from damper (9) and unclip relevant electrical line (6l) from left bracket (6h) on wheel carrier	MODEL 212.0/1, 218 with CODE 488 (Steel/air suspension) MODEL 212.0/1, 218 with CODE 489 (AIRMATIC) MODEL 212.2	
17	Detach electrical connection of right rear-axle damping valve unit from damper (9) and unclip relevant electrical line (6l) from right bracket (6h) on wheel carrier	MODEL 212.0/1, 218 with CODE 488 (Steel/air suspension) MODEL 212.0/1, 218 with CODE 489 (AIRMATIC) MODEL 212.2	

18	Detach left rear-axle rpm sensor (L6/3) and right rear-axle rpm sensor (L6/4) from wheel carrier		AR42.40-P-0820EW
19	Remove covers (8f) from spring control (8) arms		
20	Remove steel springs (5)	MODEL 212.0/1, 218 without CODE 488 (Steel/air suspension) without CODE 489 (AIRMATIC)	AR32.20-P-0230EW
21	Remove air springs	MODEL 212.0/1, 218 with CODE 488 (Steel/air suspension) MODEL 212.0/1, 218 with CODE 489 (AIRMATIC) MODEL 212.2 When replacing the rear axle or working on the body.	AR32.22-P-1500EW
22	Detach left and right rear brake hose from brake lines	When replacing the rear axle or working on the body.	AR42.10-P-0013EW
23	Detach damper (9) at top from body	When replacing the rear axle or working on the body. MODEL 212.0/1 without CODE 488 (Steel/air suspension) without CODE 489 (AIRMATIC) MODEL 218.3 without CODE 488 (Steel/air suspension) without CODE 489 (AIRMATIC) MODEL 212.0/1, 218 with CODE 488 (Steel/air suspension) MODEL 212.0/1, 218 with CODE 489 (AIRMATIC) MODEL 212.2	AR32.25-P-0110EW AR32.25-P-0110EWA
24	Detach left and right rear brake caliper from brake caliper support or wheel carrier	When replacing the fuel tank or working on the rear axle. MODEL 212 (except 212.074/075/076/077/092/274/275/276/277/292) MODEL 212.074/075/076/077/092/274/275/276/277/292 MODEL 218.374/375/376/392/974/975/976/992 MODEL 218 (except 218.374/375/376/392/974/975/976/992)	AR42.10-P-0250EW AR42.10-P-0250CMG AR42.10-P-0080EL
25	Unclip air springs from the spring control arms (8)	MODEL 212.0/1, 218 with CODE 488 (Steel/air suspension) MODEL 212.0/1, 218 with CODE 489 (AIRMATIC) MODEL 212.2 When replacing the fuel tank or working on the rear axle.	AR32.22-P-1500EW
26	Detach damper (9) from spring control arms (8)	When replacing the fuel tank or working on the rear axle. MODEL 212.0/1 without CODE 488 (Steel/air suspension) without CODE 489 (AIRMATIC) MODEL 218.3 without CODE 488 (Steel/air suspension) without CODE 489 (AIRMATIC) MODEL 212.0/1, 218 with CODE 488 (Steel/air suspension) MODEL 212.0/1, 218 with CODE 489 (AIRMATIC) MODEL 212.2	AR32.25-P-0110EW AR32.25-P-0110EWA
27	Prop up rear axle differential (50) using telescopic lifter and transmission plate and lash down	Transmission jack gotis://H_00.10_01.0 Transmission platform gotis://A_25/35/49_02.0	
28	Mount guard plates (01)	 Guard plate	AR42.00-P-0100-01A *220589013100

29	Remove bolts (1s)	<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 (1s) 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 (1s), which could ultimately lead to bolt fracture.</p> <p>i Installation: Replace screw/bolts (1s) with new ones.</p> <p>Nm Self-locking bolt, rear axle carrier rear rubber bushing to frame floor</p>	*BA35.10-P-1002-01N
30	Unscrew bolts (1a, 2a) and remove stop plates (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 Bolt, stop plate to body</p> <p>Nm Self-locking bolt, front rear axle carrier rubber bushing to frame floor</p>	*BA35.10-P-1003-01N *BA35.10-P-1001-01N
31	Lower rear axle and remove from working area	<p>⚠ Pay attention to fuel lines and electrical cables when lowering. Otherwise the lines may be damaged.</p>	
32	Install in the reverse order		

Nm Rear axle carrier

Number	Designation		MODEL 212	MODEL 218	
BA35.10-P-1001-01N	Self-locking bolt, front rear axle carrier rubber bushing to frame floor	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-1002-01N	Self-locking bolt, rear axle carrier rear rubber bushing to frame floor	Stage 1	Nm	80	80
		Stage 2		lösen	lösen
		Stage 3	Nm	80	80
		Stage 4	∠°	90	90

Nm Rear axle carrier

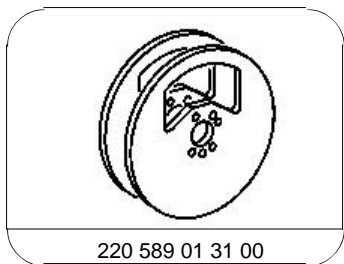
Number	Designation		MODEL 212	MODEL 218
BA35.10-P-1003-01N	Bolt, stop plate to body	Nm	35	35

Nm Rear axle brake caliper

Number	Designation		MODEL 212	MODEL 218
BA42.10-P-1003-12J	Screw/bolt, brake wear sensor to brake caliper	Nm	8	8

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



Guard plate