

Document title Remove/install fuel tank

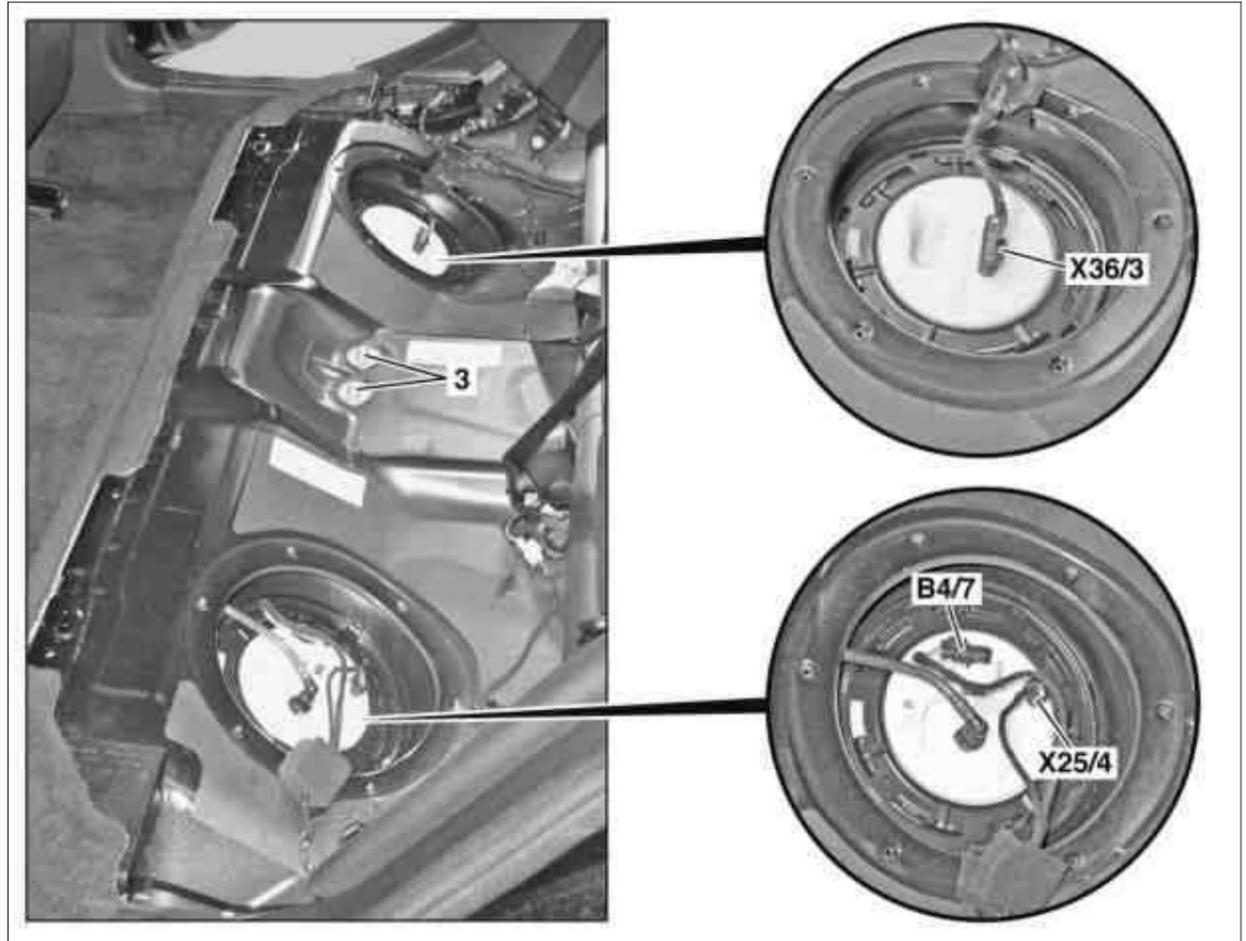
Document number ar4710p4100ew

Model 212 with engine 156, 157, 271, 272, 273, 276, 278, 642, 651

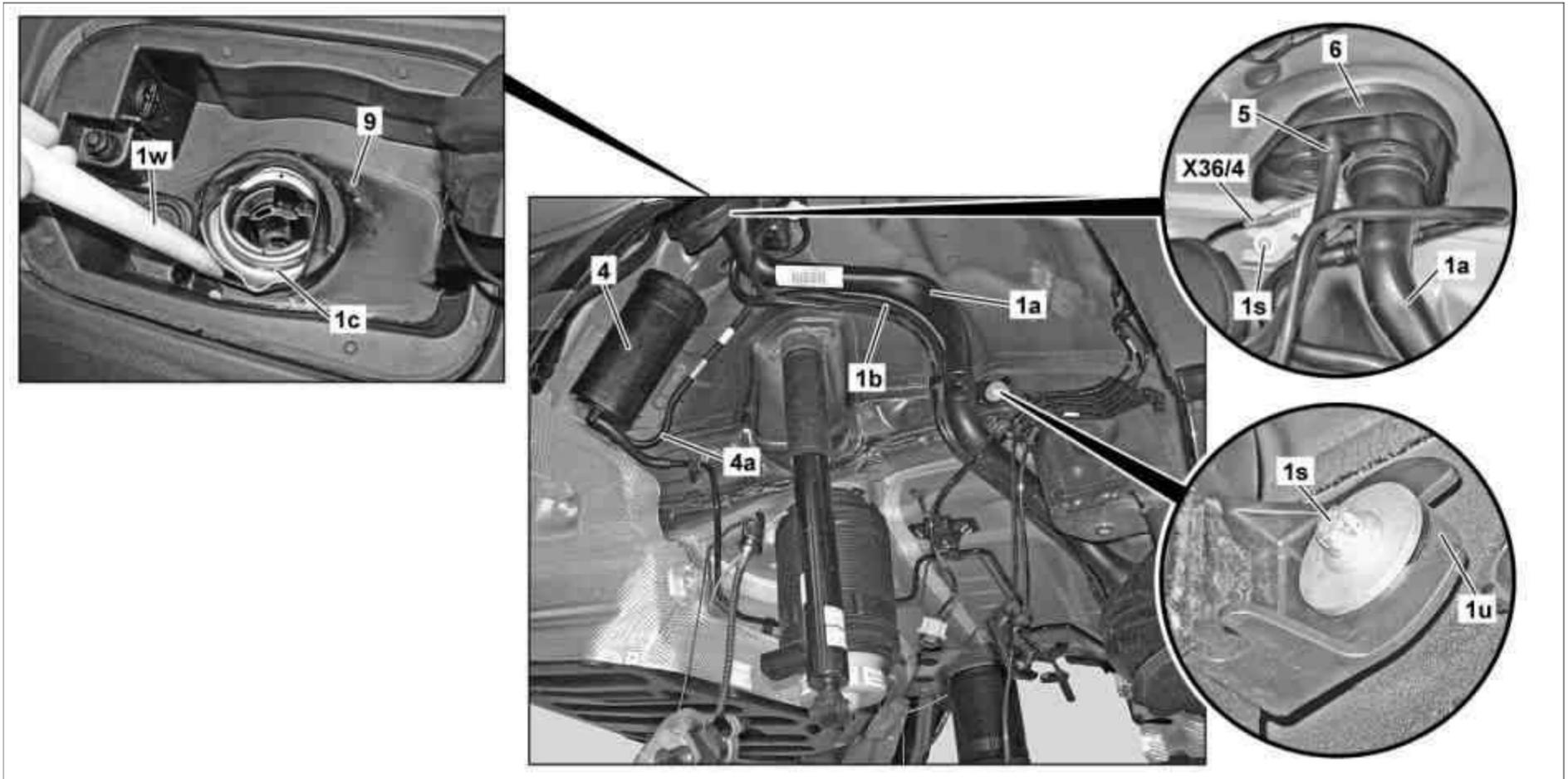
Model 218 with engine 157, 276, 278, 642, 651

Shown on MODEL 218.355

3 Nuts
 B4/7 Fuel pressure sensor
 X25/4 Fuel tank electrical connection
 X36/3 Fuel pump subharness electrical connection



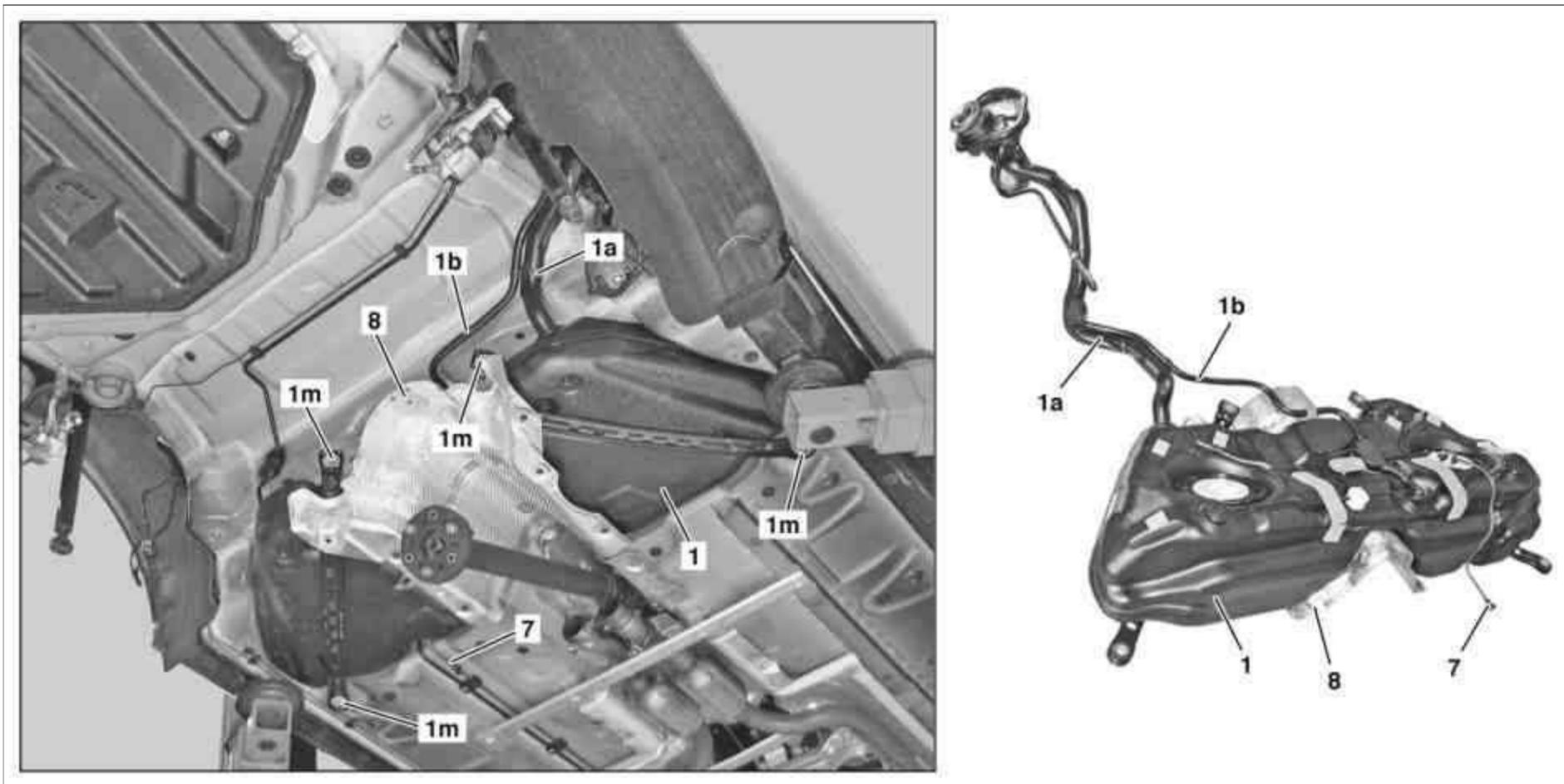
P47.10-2400-06



P47.10-2497-09

Shown on MODEL 218.355

1a	Filler pipe	1u	Washer	5	Drain hose
1b	Vent line	1w	Long wedge	6	Boot
1c	Filler neck	4	Activated charcoal canister	9	Boot
1s	Screw/bolt	4a	Hose	X36/4	Filler neck/ground bolted connection



P47.10-2402-09

1 Fuel tank
1a Filler pipe

1b Vent line
1m Nut

7 Fuel line
8 Heat shield

	Risk of explosion caused by fuel igniting, risk of poisoning caused by inhaling and swallowing fuel as well as risk of injury to eyes and skin caused by contact with fuel.	No fires, sparks, open flames or smoking. Pour fuels into suitable and appropriately marked containers only. Wear protective clothing when handling fuel.	AS47.00-Z-0001-01A
	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
⚠	Information on preventing damage to electronic components due to electrostatic discharge		AH54.00-P-0001-01A
🔧 🔧	Remove/install		
1	Drain fuel tank (1)		AR47.10-P-4001EW
2	Remove seat cushion in the rear	Model 212 with engine 156, 157, 271, 272, 273, 276, 278, 642, 651 Model 218 with engine 157, 276, 278, 642, 651 Model 212 with engine 156, 157, 271, 272, 273, 276, 278, 642, 651 except code 224 (Rear individual seat design) Model 212.0 with engine 156, 157, 271, 272, 273, 276, 278, 642, 651 with code 224 (Rear individual seat design) Model 218.3 with engine 157, 276, 278, 642, 651	AR91.12-P-1020CW AR91.12-P-1020EW AR91.12-P-1020EL
3	Remove cover for service openings	Screw/bolt, cover to vehicle floor	AR47.10-P-4100-02EW *BA47.10-P-1005-01M
4	Unlock fuel pump subharness electrical connection (X36/3) and fuel tank electrical connection (X25/4), disconnect and set subharness aside		
5	Release and disconnect electrical connection (7) on fuel pressure sensor (B4) and set aside subharness	Model 212 with engine 156, 157, 271, 272, 273, 276, 278 Model 218 with engine 157, 276, 278	
6	Remove rear axle	Place vehicle lift support arm in such a way on the vehicle that the fuel tank (1) can be lowered vertically downwards.	AR35.10-P-0010EW
7	Remove RH and LH underfloor paneling		AR61.30-P-1001EL
8	Remove fender liner in the right rear fender		
9	Remove filler neck/ground screw connection (X36/4) at filler pipe (1a)	Screw/bolt, filler neck to body	*BA47.10-P-1003-01M

10	Detach hose (4a) on activated charcoal canister (4)	Model 212 with engine 156, 157, 271, 272, 273, 276, 278 Model 218 with engine 157, 276, 278	
11	Detach drain hose (5) from filler neck depression		
12	Pull boot (6) out of rear fender		
13	Unlock and detach fuel line (7) on separating point on frame floor assembly	<p>i Collect any escaping fuel with an absorbent rag.</p> <p>i Model 212 with engine 642, 651 Model 218 with engine 642, 651 Two fuel lines (7) are present.</p>	AR47.20-P-5510-01EW
14	Remove screw/bolts (1s)	<p>i Installation: Insert washer (1u) between filler pipe (1a) and body.</p> <p>i Installation: Align filler pipe (1a) before tightening the bolts (1s) in such a way that the boot (9) surrounds and seals the filler neck (1c) over its whole circumference.</p>	
15	Loosen trim ring with long wedge (1w) from filler neck (1c)	 Long wedge	*115589035900
16	Unscrew nuts (3)	Nm Nut/bolt, fuel tank to vehicle floor	*BA47.10-P-1001-01M
17	Remove heat shield (8)	When replacing the fuel tank (1).	
18	Support fuel tank (1) using major assembly mount and support plate  WS 000 588 10 62 00 Support plate  WS 000 588 11 62 00 Major assembly mount		WS26.00-P-3309B WS01.00-P-0092B
19	Unscrew nuts (1m)	Nm Nut/bolt, fuel tank to vehicle floor	*BA47.10-P-1001-01M
20	Lower fuel tank (1)  WS 000 588 10 62 00 Support plate  WS 000 588 11 62 00 Major assembly mount	<p> Never handle fuel tank (1) at the filler pipe (1a) or vent line (1b). They can be damaged otherwise.</p> <p>i The filler pipe (1a) and vent line (1b) cannot be replaced separately.</p>	WS26.00-P-3309B WS01.00-P-0092B
21	Install in the reverse order		
	Check		
22	Risk of accident from vehicle starting off by itself when engine running. Risk of injury (bruises and burns) resulting from working on the engine while it is being started or when it is running. Check fuel system for leaks with engine running	Secure vehicle to prevent it from starting off by itself. Wear closed and snug-fitting work clothes. Do not touch hot or rotating parts.	AS00.00-Z-0005-01A

Nm Fuel tank

Number	Designation		Model 212	Model 218
BA47.10-P-1001-01M	Nut/bolt, fuel tank to vehicle floor	Nm	20	20

Nm Fuel tank

Number	Designation		Model 212	Model 218
BA47.10-P-1003-01M	Screw/bolt, filler neck to body	Nm	15	15

Nm Fuel tank

Number	Designation		Model 212	Model 218
BA47.10-P-1005-01M	Screw/bolt, cover to vehicle floor	Nm	3	3

