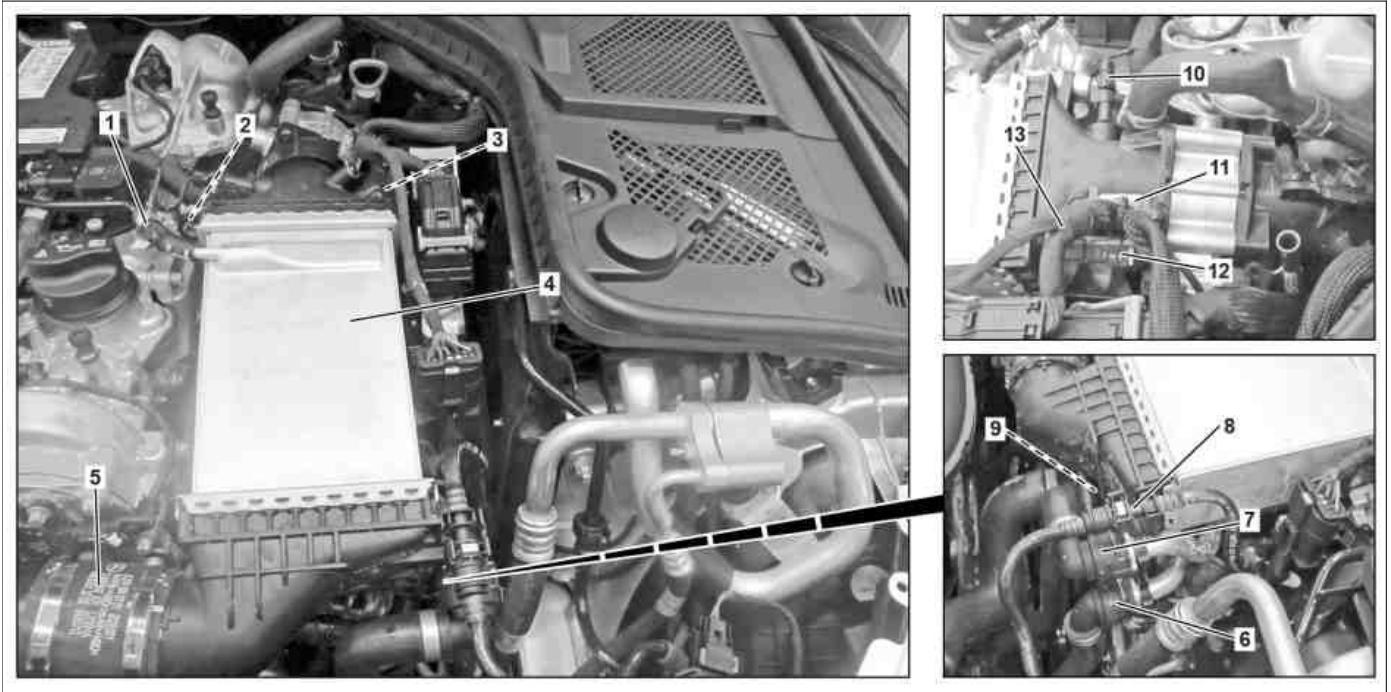


Engine 274.9 in model 205

Engine 274.9 in model 253



P09.41-2726-09

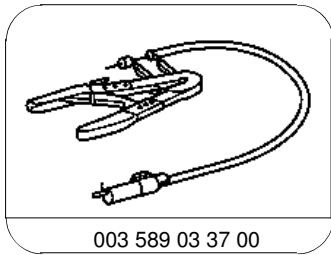
- | | | | | | |
|---|-------------------|----|-----------------------|----|-----------------------|
| 1 | Vent line | 6 | Coolant hose | 11 | Mounting plate |
| 2 | Screw/bolt | 7 | Coolant hose | 12 | Electrical connection |
| 3 | Screw/bolt | 8 | Purge line | 13 | Subharness |
| 4 | Charge air cooler | 9 | Screw/bolt | | |
| 5 | Boot | 10 | Electrical connection | | |

	Warning	Risk of injury to skin and eyes suffering scalding from contact with hot coolant spray. Risk of poisoning from swallowing coolant.	Do not open cooling system unless coolant temperature is below 90 °C. Open cap slowly and release the pressure. Do not pour coolant into beverage containers. Wear protective gloves, protective clothing and safety glasses.	AS20.00-Z-0001-01A
		Notes on avoiding damage through contamination and foreign objects		AH00.00-P-5000-01A
		Remove/install		
1	Remove upper engine cover		Installation: Only install upper engine cover after the leak test.	
2	Drain coolant from low-temperature circuit		Installation: Only install front and lower center engine compartment paneling after performing a leak test.	AR09.41-P-6834LW
3	Unclip purge line (8) from charge air cooler (4) and place to one side			
4	Remove coolant hoses (6, 7) from charge air cooler (4)			AR09.41-P-1311-01AL
5	Remove vent line (1) from charge air cooler (4)		Hose clamp pliers	*003589033700
6	Release and disconnect electrical connection (10)			
7	Release and disconnect electrical connection (12)			
8	Unclip subharness (13) from mounting plate (11)			

9	Unclip engine management control unit with bracket and place to one side with connected lines		
10	Remove mounting plate (11)		
11	Remove screw/bolts (2, 3, 9)	Nm Screw/bolt, water-cooled charge air cooler to bracket	*BA09.41-P-1002-01U
12	Remove charge air cooler (4) from throttle valve		
13	Remove charge air cooler (4) from boot (5) and take out		
14	Install in the reverse order		
⚠ Warning	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.	Secure vehicle to prevent it from starting off by itself. Wear buttoned-up and snug-fitting work clothes. Do not touch hot or rotating parts.	AS00.00-Z-0005-01A
15	Perform an engine test run and check engine for proper operation and leaktightness		
16	Install front and center engine compartment paneling		AR61.20-P-1105LW
17	Install upper engine cover		

Nm Charge air pipe/charge air cooling

Number	Designation		Engine 274
BA09.41-P-1002-01U	Screw/bolt, water-cooled charge air cooler to bracket	Nm	9



003 589 03 37 00

Hose clamp pliers