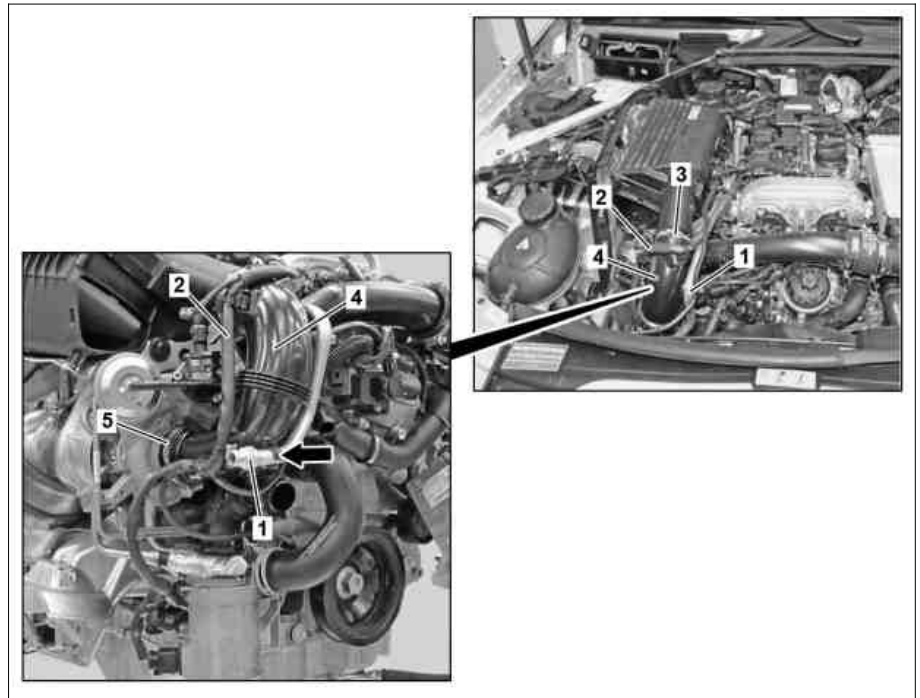


Engine 274.9 in model 205

Engine 274.9 in model 253




Shown on ENGINE 274.910 in MODEL 205

- 1 Coolant line
 2 Subharness
 3 Clip
 4 Air intake pipe
 5 Clip
 Pfeil Bracket



P09.10-2310-06

⚠ Warning	Risk of injury due to fan starting unexpectedly	Do not reach into the rotation or hazard area of the fan. Wear closed and close-fitting work clothes.	AS20.40-Z-0001-01A
⚠ Warning	Risk of injury . Skin or eye injuries may result when handling hot or glowing objects.	Wear protective gloves, protective clothing and safety glasses, if necessary.	AS00.00-Z-0002-01A
⚠ Caution	Risk of injury caused by scraping or cutting body parts on sharp vehicle parts	Always wear protective gloves when working on or near sharp and non-deburred vehicle parts. Deburr repair panels.	AS00.00-Z-0017-01A
	Information on preventing damage to electronic components due to electrostatic discharge		AH54.00-P-0001-01A
	Notes on avoiding damage through contamination and foreign objects		AH00.00-P-5000-01A
🔧	Remove		
1	Remove upper engine cover		
2	Remove engine air intake duct upstream of air filter		
3	Unclip coolant line (1) from bracket (arrow)		
4	Detach partial load throttle bleed line from air intake pipe (4)		
5	Release and disconnect electrical connection for wide open throttle vent line heater element		
6.1	Detach wide open throttle vent line from wide open throttle vent line heater element	Engine 274.9 in model 205 except code 494 (US version) except code 945 (China Stage 6 exhaust treatment) Engine 274.9 in model 253 except code 494 (US version) except code 945 (China Stage 6 exhaust treatment)	
6.2	Remove wide open throttle bleed line with oil separator	Engine 274.9 in model 205 with code 494 (US version) Engine 274.9 in model 205 with code 945 (China Stage 6 exhaust treatment) Engine 274.9 in model 253 with code 494 (US version) Engine 274.9 in model 253 with code 945 (China Stage 6 exhaust treatment)	

		i The wide open throttle bleed line, oil separator and air intake pipe (4) must solely be replaced together, as they are permanently connected with each other.	AR01.20-P-0002MRX
7	Unclip subharness (2) at air intake pipe (4)		
8	Release clamps (3, 5) and detach air intake pipe (4)		
9	Remove compensation ring between air intake pipe (4) and exhaust gas turbocharger from exhaust gas turbocharger		
	Install		
10	Install new compensating ring in the fitting of the air intake pipe (4) and wet with lubricant	Lubricant	*BR00.45-Z-1032-06A
11	Position air intake pipe (4)		
12	Tighten clamps (3, 5)		
13	Clip subharness (2) into air intake pipe (4)		
14.1	Push wide open throttle vent line onto wide open throttle vent line heater element	Engine 274.9 in model 205 except code 494 (US version) except code 945 (China Stage 6 exhaust treatment) Engine 274.9 in model 253 except code 494 (US version) except code 945 (China Stage 6 exhaust treatment)	
14.2	Install wide open throttle bleed line with oil separator	Engine 274.9 in model 205 with code 494 (US version) Engine 274.9 in model 205 with code 945 (China Stage 6 exhaust treatment) Engine 274.9 in model 253 with code 494 (US version) Engine 274.9 in model 253 with code 945 (China Stage 6 exhaust treatment)	AR01.20-P-0002MRX
15	Connect electrical connector of wide-open-throttle bleed line heating element		
16	Push partial load vent line onto air intake pipe (4)		
17	Clip coolant line (1) into bracket (arrow)		
18	Install engine air intake duct upstream of air filter		
 Warning	Risk of burn injuries , suffocation and poisoning when working on the exhaust system and the components connected to it. Risk of suffocation and risk of poisoning caused by inhalation of gaseous and solid components of the exhaust. Risk of poisoning caused by skin contact with solid components of the exhaust.	Wear protective clothing and safety glasses. Use the extraction system. Move people out of the hazard area.	AS49.00-Z-0001-01A
 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 closed and snug-fitting work clothes. Do not touch hot or rotating parts.	AS00.00-Z-0005-01A
19	Perform an engine test run and check engine for proper operation and leaktightness		
20	Install upper engine cover		

Repair materials

Number	Designation	Order number
BR00.45-Z-1032-06A	Lubricant	A 000 989 08 60