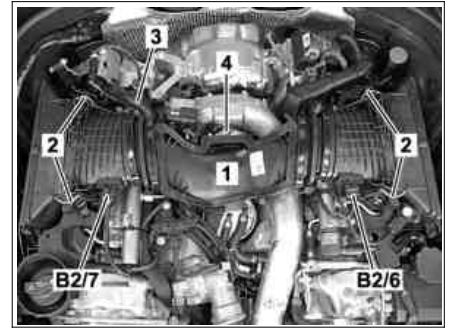


ENGINE 642 in MODEL 166

Shown on model 212.020

- 1 Engine air intake duct downstream of air filter
 2 Retaining clips
 3 Hose
 4 Clip
 B2/6 Left hot film MAF sensor
 B2/7 Right hot film MAF sensor



P09.10-2225-01

☒ ☒	Remove/install		
⚠ Danger !	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
ⓘ	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
1	Switch off ignition		
2	Remove upper engine cover	i Installation: Ensure correct seating of the engine cover.	
3	Disconnect electrical connector at left hot film mass air flow sensor (B2/6)		
4	Disconnect electrical connector at right hot film mass air flow sensor (B2/7)		
5	Detach hose (3) for crankcase ventilation		
6	Loosen clamp (4) on turbocharger		
7	Remove left and right air filter housing	i Installation: Ensure that seal is installed correctly between air filter housing and engine air intake duct downstream of air filter (1).	AR09.10-P-1150OGR
8	Pull engine air intake duct forwards downstream of air filter (1)	<p>i Installation: Do not crush seal between turbocharger and engine air intake duct downstream of air filter (1). Parts of a crushed sealing ring will damage the turbocharger.</p> <p>i Ensure that there is no tensile loading occurs on the flexible boots of the engine air intake duct downstream of air filter (1). Damage can occur otherwise.</p> <p>i When replacing the vent line heater element the rubber gasket on engine intake air duct downstream of air filter (1) must be installed first. Ensure grease-free assembly of vent line heater element and sealing ring.</p>	
9	Install in the reverse order		
10 ➔ AD	Connect STAR DIAGNOSIS and reset values in the CDI control unit	<p>i Reset the values of the HFM-SFI (HFM) drift compensation when replacing the LH hot film MAF sensor (B2/6) or the RH hot film MAF sensor (B2/7). Select following menu item:</p> <ul style="list-style-type: none"> ● Control unit ● Adaptations ● Teach-in process 	AD00.00-P-2000-04A