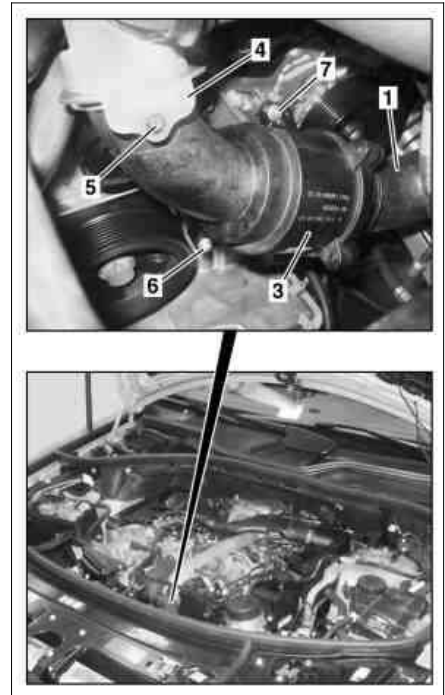








ENGINES 642 in MODEL 164, 251

- 1 Engine charge air hose upstream of charge air cooler
 3 Engine charge air duct upstream of charge air cooler
 4 Retaining plate
 5 Screw
 6 Screw
 7 Screw



P09.41-2382-03

 	Remove/install		
	Risk of injury caused by fingers being pinched or crushed when removing, installing or aligning hoods, doors, trunk lids, liftgates or sliding roof	Keep body parts and limbs well clear of moving parts.	AS00.00-Z-0011-01A
1	Removes strut tower brace	Model 164.8 only  Remove strut tower brace from strut tower mounts.	AR62.30-P-2500GY
2	Remove engine trim panel	Model 164 Model 251	AR01.10-P-2405GZB AR01.10-P-2405RTB
3	Detach engine charge air hose upstream of charge air cooler (1) at the engine charge air duct upstream of charge air cooler (3)	 Installation: To prevent leaks in the engine, check sealing ring and safety clip for damage.	
4	Remove bolt (5) on the retaining plate (4)		
5	Remove retaining plate (4) towards the front		
6	Remove bolt (7) on engine charge air duct upstream of charge air cooler (3)		*BA09.41-P-1003-01J
7	Remove bolt (6)		*BA09.41-P-1002-01J
8	Pull out engine charge air cooler (3) downstream of the charge air cooler and remove		
9	Install in the reverse order		
10	Risk of accident caused by vehicle starting off by itself when engine is running. Risk of injury caused by contusions and burns during starting procedure or when working near the engine as it is running Test run engine and check hose connections for leaks	Secure vehicle to prevent it from moving by itself. Wear closed and snug-fitting work clothes. Do not touch hot or rotating parts.	AS00.00-Z-0005-01A

 Charge air pipe/charge air cooling

Number	Designation	Engine 642
BA09.41-P-1002-01J	Engine charge air duct upstream of charge air cooler to bracket	Nm 6

BA09.41-P-1003-01J	Engine charge air duct upstream of charge air cooler to oil filter housing	Nm 12
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