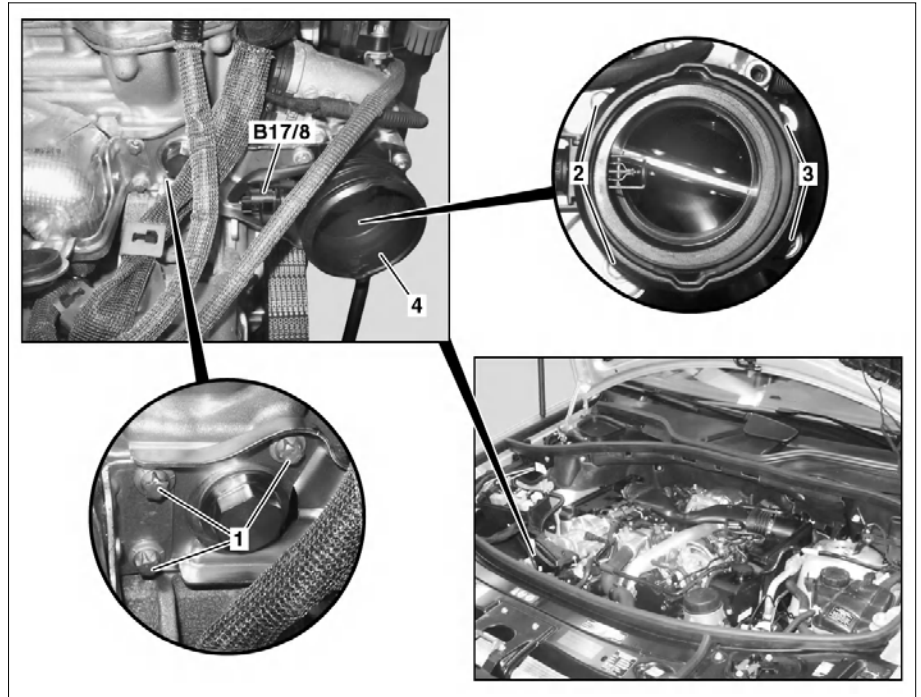


Engine 642 in model 164, 251

Modification notes

16.03.2016	Engine charge air duct downstream of charge air cooler to throttle valve actuator	BA09.41-P-1005-01J
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- 1 Screw/bolts
 2 Screw/bolts
 3 Screw/bolts
 4 Engine charge air duct downstream of charge air cooler
 B17/8 Charge air temperature sensor



P09.41-2381-06

⚠ 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
⚠	Notes on avoiding damage through contamination and foreign objects		AH00.00-P-5000-01A
⚠	Information on preventing damage to electronic components due to electrostatic discharge		AH54.00-P-0001-01A
⚡ ⚡	Remove/install		
1	Remove strut tower brace	Engine 642 in model 164.8	AR62.30-P-2500GY
2	Remove upper engine cover	Engine 642 in model 164 Engine 642 in model 251	AR01.10-P-2405GZB AR01.10-P-2405RTB
3	Remove right air filter housing		AR09.10-P-1150GZC AR09.10-P-1150RTC
4	Detach charge air hose downstream of charge air cooler		AR09.41-P-8625GZB
5	Release and disconnect electrical connection from temperature sensor for charge air (B17/8)		
6	Remove screw/bolt (1)	Nm Bracket, throttle valve actuator to cylinder head	*BA09.41-P-1006-01J
7	Remove screw/bolts (2)	Nm Engine charge air duct downstream of charge air cooler to throttle valve actuator	*BA09.41-P-1005-01J
8	Remove screw/bolt (3)	Nm Engine charge air duct downstream of charge air cooler to throttle valve actuator	*BA09.41-P-1005-01J
9	Remove engine charge air duct downstream of charge air cooler (4)	i Installation: Replace seal.	
10	Install in the reverse order		
⚠ Danger!	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

11	Perform an engine test run and check engine for proper function		
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Nm Charge air pipe/charge air cooling

Number	Designation			Engine 642
BA09.41-P-1005-01J	Engine charge air duct downstream of charge air cooler to throttle valve actuator	M5	Nm	5
		M6	Nm	9

Nm Charge air pipe/charge air cooling

Number	Designation		Engine 642
BA09.41-P-1006-01J	Bracket, throttle valve actuator to cylinder head	Nm	9