

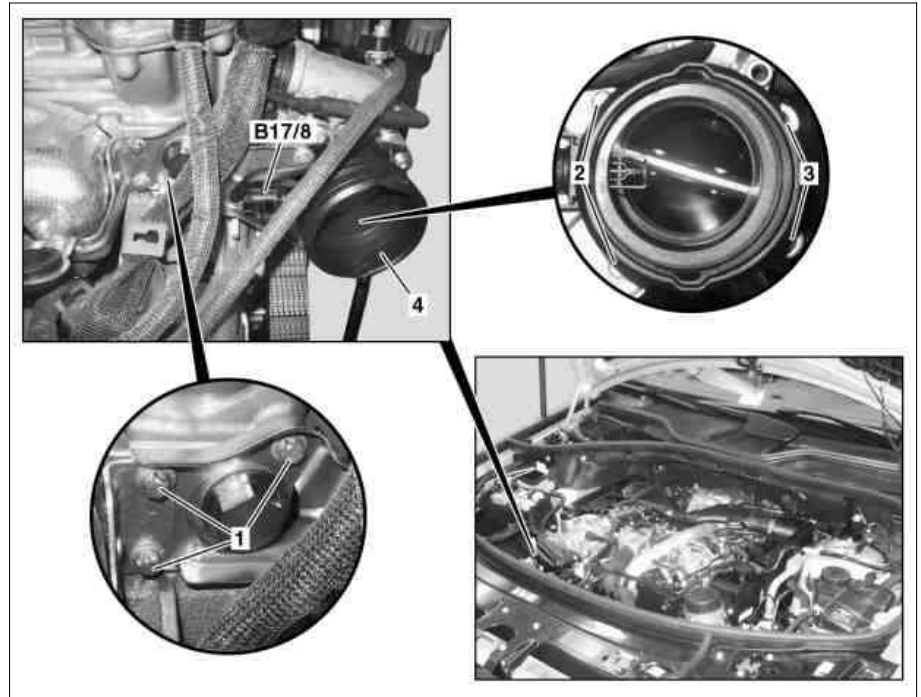
Engine 642 in model 164, 251

Modification notes

16.03.2016	Motorladeluftkanal nach Ladeluftkühler an Drosselklappensteller		BA09.41-P-1005-01J
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Shown on model 164.1

- 1 Bolts
 2 Bolts
 3 Bolts
 4 Engine charge air duct downstream of charge air cooler
 B17/8 Charge air temperature sensor



P09.41-2381-06

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
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
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
	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	Engine 642 in model 164.1/8 Engine 642 in model 251	AR09.10-P-1150GZC AR09.10-P-1150RTC
4	Remove charge air hose downstream of charge air cooler		AR09.41-P-8625GZB
5	Release and disconnect electrical connection at charge air temperature sensor(B17/8)		
6	Remove screw/bolts (1)	Bracket, throttle valve actuator to cylinder head	*BA09.41-P-1006-01J
7	Remove screw/bolts (2)	Engine charge air duct downstream of charge air cooler to throttle valve actuator	*BA09.41-P-1005-01J
8	Remove screws (3)	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		
 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
11	Perform an engine test run and check engine for proper function		

 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

 Charge air pipe/charge air cooling

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