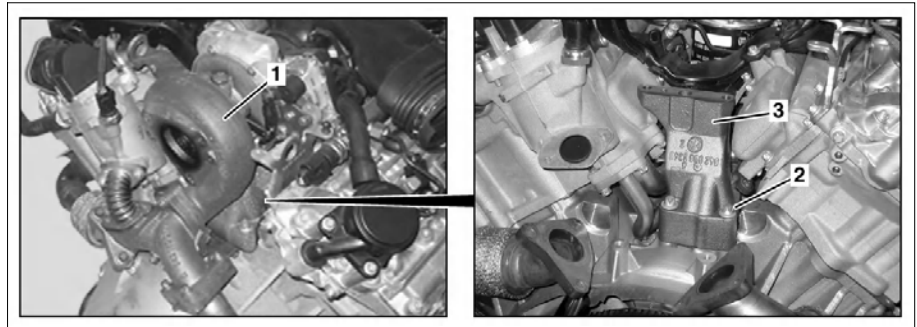


## ENGINE 642 in MODEL 164, 251

- 1 Turbocharger
- 2 Bolts
- 3 Oil supply connection fitting



P09.40-2226-04

## Modification notes

21.12.11	Value modified: Bolt, oil supply connection fitting to crankcase	*BA09.40-P-1008-01K
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	Remove/install		
<b>Danger!</b>	<b>Risk of injury</b> caused by <b>fingers being pinched or crushed</b> when removing, installing or aligning hoods, doors, trunk lids, tailgates or sliding roof	Keep body parts and limbs well clear of moving parts.	AS00.00-Z-0011-01A
1.1	Removes spring dome strut	Model 164.8 only Remove spring dome strut at spring dome mounts.	AR62.30-P-2500GY
1.2	Remove partition wall between wheelhouses	Model 251 only	AR62.30-P-2400RT
2	Remove engine trim panel		
3	Remove turbocharger (1)	Model 164 Model 251	AR09.40-P-6020GZB AR09.40-P-6020RTB
4	Unscrew bolts (2) at oil supply connection fittings (3)		*BA09.40-P-1008-01K
5	Remove oil supply connection fitting (3)	<b>Installation:</b> Replace seal.	
6	Install in the reverse order		
	<b>Checking</b>		
7	Check engine oil level	In order to avoid measurement errors, vehicle must be parked on an even surface. Without particulate filter With code 474 Particulate filter	AR18.00-P-3035-01PI *BF18.00-P-1001-01A *BF18.00-P-1001-01S
<b>Danger!</b>	<b>Risk of accident</b> caused by vehicle starting off by itself when engine is running. <b>Risk of injury</b> caused by contusions and burns during starting procedure or when working near the engine as it is running	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
8	Check for leaks with engine running		

## Turbocharger

Number	Designation	Engine
BA09.40-P-1008-01K	Bolt, oil supply connection fitting to crankcase	642
		Nm 20

## Engine lubrication system

Number	Designation	Engine
		642.940/950 with particulate filter

BF18.00-P-1001-01S	Engine oil	Filling capacity (oil and filter change)	Liters	8.5
		Specifications for Operating Fluids	Sheet	BB00.40-P-0228-51A
			Sheet	BB00.40-P-0229-31A
			Sheet	BB00.40-P-0229-51A

 **Engine lubrication system**

Number	Designation	Engine 642.940/950 without particulate filter		
BF18.00-P-1001-01A	Engine oil	Filling capacity (oil and filter change)	Liters	8.5
		Specifications for Operating Fluids	Sheet	BB00.40-P-0228-03A
			Sheet	BB00.40-P-0228-05A
			Sheet	BB00.40-P-0228-51A
			Sheet	BB00.40-P-0229-03A
			Sheet	BB00.40-P-0229-31A
			Sheet	BB00.40-P-0229-05A
			Sheet	BB00.40-P-0229-51A