

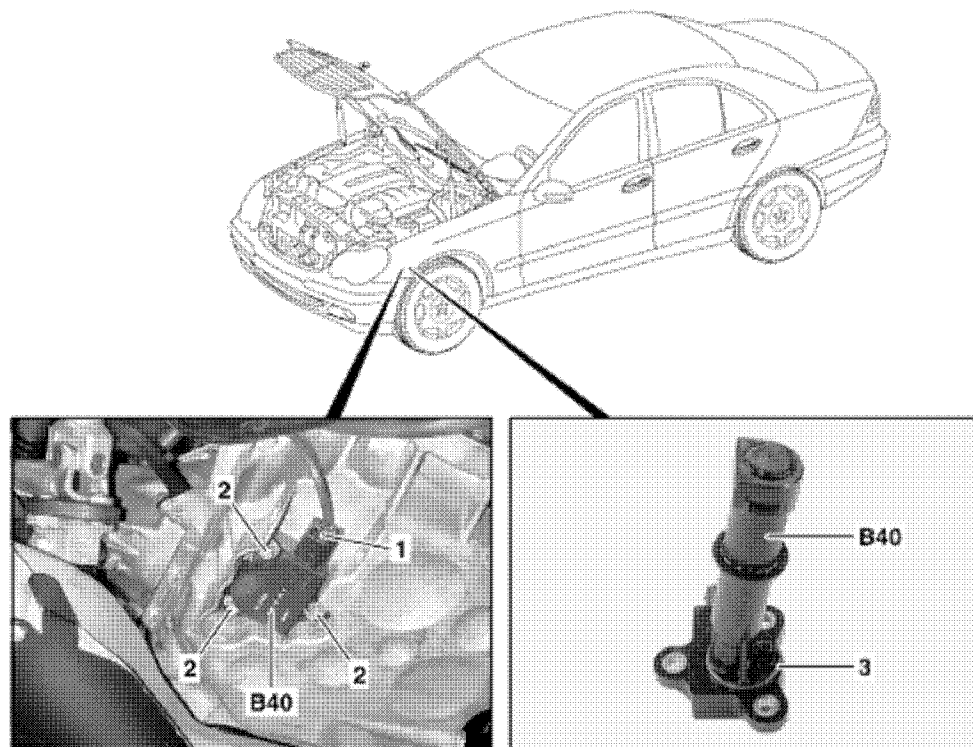
AR18.40-P-5111PR	Remove oil level sensor, install	20.12.05
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ENGINE 111.951
ENGINE 111.955
ENGINE 112.912
ENGINE 112.946
ENGINE 112.961

Shown on engine 111









1 Connector
2 Bolts
3 O-ring

B40 Oil sensor (oil level, temperature and quality)




P18.40-2065-06

	Remove/install		
Danger!	Risk of death caused by vehicle slipping or toppling off of the lifting platform.	Align vehicle between the columns of the lifting platform and position the four support plates below the lifting platform	AS00.00-Z-0010-01A

		support points specified by the vehicle manufacturer.	
1	Remove engine compartment paneling	Model 203	AR61.20-P-1105P
2	Drain and collect engine oil	 Installation: Replace seal of oil drain plug, in order to avoid oil leakage.	
		 Engine 111	BA01.45-P-1003-01A
		 Engine 112	BA01.45-P-1003-01B
		 Engine 111	BF18.00-P-1001-01L
		 Engine 112	BF18.00-P-1001-01H
3	Unplug connector (1)		
4	Unscrew bolt (2)	 Engine 111	BA18.40-P-1007-01A
		 Engine 112	BA18.40-P-1003-01B
5	Remove oil sensor (oil level, temperature and quality) (B40)	 Installation: Replace O-ring (3) from oil sensor (oil level, temperature and quality) (B40), in order to avoid oil leakage.	
6	Install in the reverse order		

 Oil pan

Number	Designation			Engines 111.951/ 955
BA01.45-P-1003-01A	Oil drain screw at oil pan	M12	Nm	-
		M14	Nm	30

 Oil pan

Number	Designation			Engines 112.912/946/961

BA01.45-P-1003-01B	Oil drain screw to oil pan	M14	Nm	30
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 Oil level/oil pressure sensor

Number	Designation	Engines 111.951/ 955		
BA18.40-P-1007-01A	Self-tapping bolt of oil level sensor to top part of oil pan	Thread pre-tapped	Nm	10
		Thread not pre-tapped	Nm	14

 Oil level/oil pressure sensor

Number	Designation	Engine 112 except 112.916/953		
BA18.40-P-1003-01B	Self-tapping bolt of oil level sensor to top part of oil pan	Thread pre-tapped	Nm	10
		Thread not pre-tapped	Nm	14

 Capacities of engine lubrication system

Number	Designation			Engines 111.951/ 951/955
BF18.00-P-1001-01L	Engine oil	Capacity without filter	Liters	6.5
		Capacity with filter	Liters	7.0
		Specifications for Operating Fluids	Sheet	BB00.40-P-0229-01A
			Sheet	BB00.40-P-0229-03A
			Sheet	BB00.40-P-0229-05A

 Engine lubrication

Number	Designation	Engine 112 except 112.916/953

BF18.00-P-1001-01H	Engine oil	Filling capacity with oil filter	Liters	8.0
		Filling capacity without oil filter	Liters	7.5
		Specifications for Operating Fluids	Sheet	BB00.40-P-0229-01A
			Sheet	BB00.40-P-0229-03A
			Sheet	BB00.40-P-0229-05A