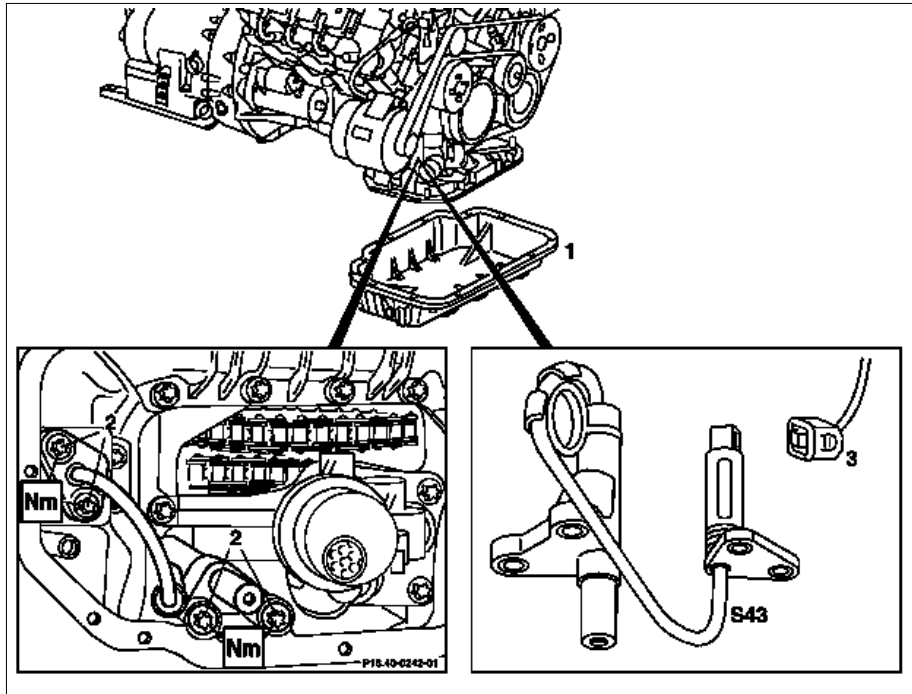


ENGINE 112 (except 112.912 /946 /961)  
ENGINE 112  
ENGINE 113  
ENGINE 113 (except 113.968 /963 /992)

Shown on engine 112

- 1 Oil pan bottom section
- 2 Oil-level sensor screws
- 3 Plug for oil level sensor
- S43 Oil level sensor



P18.40-0241-06

**Modification notes**

20.12.04	Engine oil filling capacity with oil filter modified.	Engine 113.967	*BF18.00-P-1001-01H
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		Remove/install	
⚠	<b>Danger!</b>	<b>Risk of death</b> caused by vehicle slipping or toppling off the lifting platform.	Align vehicle between columns of lifting platform and position four support plates at the lifting platform support points specified by vehicle manufacturer.
1	Extract/drain engine oil	  Engine oil extractor <a href="http://gotis.aftersales.mercedes-benz.com">http://gotis.aftersales.mercedes-benz.com</a>	AS00.00-Z-0010-01A  *BA01.45-P-1003-01B *BF18.00-P-1001-01H
2	Remove lower part of oil pan (1)	Model 129, 170, 202, 208, 210, 220, 463 Model 163.154, 163.172 Model 163.174	AR01.45-P-7555VA AR01.45-P-7555V AR01.45-P-7555VE
3	Unplug connector (3) at oil level sensor		
4	Remove bolts of oil level sensor (2)		*BA18.40-P-1002-01B
5	Remove oil level switch (S43)		
6	Install in the reverse order		

**Oil pan**

Number	Designation	Engine	Engine
		112.910/911/ 912/913/914/ 915/917/920/ 921/922/923/ 940/941/942/ 943/944/945/ 946/947/949/ 951/954/955/ 960/961/970/ 972/973/976	112.916/953/975 , 113.948/966

BA01.45-P-1003-01B	Oil drain screw on oil pan	M14	Nm	30	30
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**Nm** Oil pan

Number	Designation	Engine 113.940/941/ 942/943/944/ 945/946/960/ 961/962/963/ 965/967/968/ 969/980/981/ 982/984/986/ 992/995	Engine 113.987/ 988/991	Engine 113.990		
BA01.45-P-1003-01B	Oil drain screw on oil pan	M14	Nm	30	30	30

**Nm** Oil level/oil pressure sensor

Number	Designation	Engine 113.940/941/ 942/943/944/ 945/946/960/ 961/962/963/ 965/967/968/ 969/980/981/ 982/984/986/ 992/995	Engine 112 except 112.916/951/953 /975	
BA18.40-P-1002-01B	Oil level sensor on oil pan top part	Nm	10	10


**Nm** Oil level/oil pressure sensor

Number	Designation	Engine 113.987/ 988/990	Engine 113.991/ 993	
BA18.40-P-1002-01B	Oil level sensor on oil pan top part	Nm	10	9


**Engine lubrication**

Number	Designation	Engine 112 except 112.916/953/975	Engine 112.916/953	Engine 112.975	
BF18.00-P-1001-01H	Engine oil Filling capacity with oil filter	Liters	8.0	7.5	8.0
	Filling capacity without oil filter	Liters	7.5	7.0	7.5

	Specifications for Operating Fluids	Sheet	BB00.40-P-0229-01A	BB00.40-P-0229-01A	BB00.40-P-0229-01A
		Sheet	BB00.40-P-0229-03A	BB00.40-P-0229-03A	BB00.40-P-0229-03A
		Sheet	BB00.40-P-0229-05A	BB00.40-P-0229-05A	BB00.40-P-0229-05A

 **Engine lubrication**

Number	Designation	Engine 113.948/966	Engine 113.940/941/942/943/960/961/962/969/982	Engine 113.944/980/981/984/986/991		
BF18.00-P-1001-01H	Engine oil	Filling capacity with oil filter	Liters	8.0	8.0	7.5
		Filling capacity without oil filter	Liters	7.5	-	-
	Specifications for Operating Fluids	Sheet	BB00.40-P-0229-01A	BB00.40-P-0229-01A	-	
		Sheet	BB00.40-P-0229-03A	BB00.40-P-0229-03A	-	
		Sheet	BB00.40-P-0229-05A	BB00.40-P-0229-05A	BB00.40-P-0229-05A	

 **Engine lubrication**

Number	Designation	Engine 113.963/965/968	Engine 113.967	Engine 113.987/988/990/992/993/995		
BF18.00-P-1001-01H	Engine oil	Filling capacity with oil filter	Liters	7.5	7.5	8.5
		Filling capacity without oil filter	Liters	7.0	-	8.0
	Specifications for Operating Fluids	Sheet	BB00.40-P-0229-01A	BB00.40-P-0229-01A	-	
		Sheet	BB00.40-P-0229-03A	BB00.40-P-0229-03A	-	
		Sheet	BB00.40-P-0229-05A	BB00.40-P-0229-05A	BB00.40-P-0229-05A	