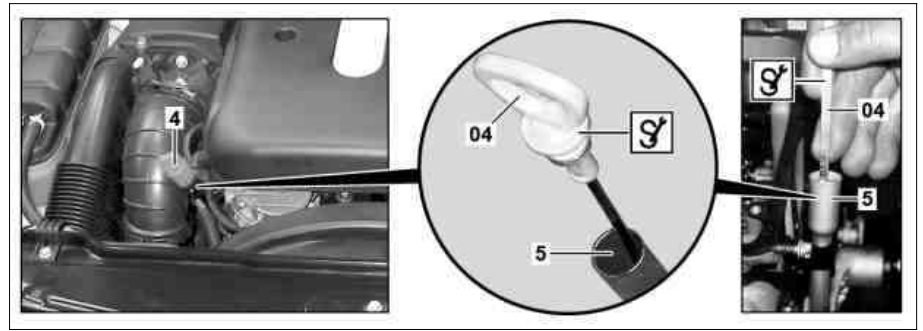


ENGINE 113

- 04 Dipstick
- 4 Plug
- 5 Oil measuring pipe



P18.40-2442-04

	Risk of injury to skin and eyes due to handling of engine oil. Risk of poisoning caused by swallowing engine oil	Wear protective gloves, protective clothing and safety glasses. Do not fill engine oil into beverage containers.	AS18.00-Z-0001-01A
	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
1	Allow engine to warm up	i Coolant temperature min. 80 °C.	
2	Turn off engine		
3	Pull stop plug (4) out of oil measuring pipe (5)	i The stop plug (4) and oil measuring pipe (5) can be at the front or rear of the engine (depending on the model series).	
Check			
4	Guide dipstick (04) into oil measuring pipe (5)	i The tip of 04 dipstick (04) must be in the oil pan. The collar of the handle sits close to oil measuring pipe (5). 04 Measuring rod	*120589072100
5	Read off engine oil level at dipstick (04)	04 Measuring rod	*120589072100
6	Determine level using oil level table	04 ENGINE 113.948/966 in MODEL 220 with CODE M005 (4MATIC) ENGINE 113.969 in MODEL 211 with CODE M005 (4MATIC) 04 ENGINE 113.963 in MODEL 230 ENGINE 113.967 in MODEL 211, 219 ENGINE 113.968 in MODEL 209 04 ENGINE 113.964 in MODEL 164 ENGINE 113.971 in MODEL 251 04 ENGINE 113.987 in MODEL 209 ENGINE 113.988 in MODEL 203 04 ENGINE 113.989 in MODEL 171 04 ENGINE 113.990 in MODEL 211, 219 ENGINE 113.992/995 in MODEL 230 04 ENGINE 113.991 in MODEL 215, 220 04 ENGINE 113.993 in MODEL 463.270/271	*BF 18.00-P-1001-03J *BF 18.00-P-1001-03C *BF 18.00-P-1001-03U *BF 18.00-P-1001-03IA *BF 18.00-P-1001-03IC *BF 18.00-P-1001-03I *BF 18.00-P-1001-03DA *BF 18.00-P-1001-03ID
	If the engine oil level is too high or too low, correct it		
7	Correct the engine oil level	Maintenance intervals in combination with oils as per MBBV sheet, general overview not for USA Maintenance intervals in combination with oils as per MBBV sheet, general overviewFor USA only i Check engine oil level again after correcting it. To do so repeat steps 4 through 6. If engine oil level is too high, ↓ Suction off engine oil quantity according to the oil level table. If engine oil level is too low,	AP18.00-P-1849UB AP18.00-P-1849UBU

		↓		
				Fill engine oil quantity according to the oil level table.
8	Insert stop plug (4) into oil measuring pipe (5)			

 Oil level check

Number	Designation			Engine 113.963/967/968
BF18.00-P-1001-03C	Oil level	Maximum	mm	149
		minimum	mm	132

 Oil level check

Number	Designation			Engine 113.991 in model 215, 220
BF18.00-P-1001-03DA	Oil level	Maximum	mm	110
		Minimum	mm	95

 Oil level check

Number	Designation			Engine 113.990/992/995
BF18.00-P-1001-03I	Oil level	Maximum	mm	168
		minimum	mm	137

 Oil level check

Number	Designation			Engine 113.987 in model 209	Engine 113.988 in model 203
BF18.00-P-1001-03IA	Oil level	Maximum	mm	164	164
		Minimum	mm	133	133

 Oil level check


Number	Designation			Engine 113.989 in model 171
BF18.00-P-1001-03IC	Oil level	Maximum	mm	148
		Minimum	mm	128

 Oil level check

Number	Designation			ENGINE 113.993 in MODEL 463.270/271 AMG
BF18.00-P-1001-03ID	Oil level	Maximum	mm	139
		Minimum	mm	126

 Oil level check

Number	Designation			Engine 113.969 in model 211 with 4MATIC, engine 113.948/966 in model 220 with 4MATIC
BF18.00-P-1001-03J	Oil level	Maximum	mm	120
		minimum	mm	98

 Oil level check

Number	Designation	ENGINE 113.964/971
BF18.00-P-1001-03U	Oil level	Maximum mm 127
		Minimum mm 101

