

ENGINES 112.942 in MODEL 163.154

ENGINES 112.970 in MODEL 163.157

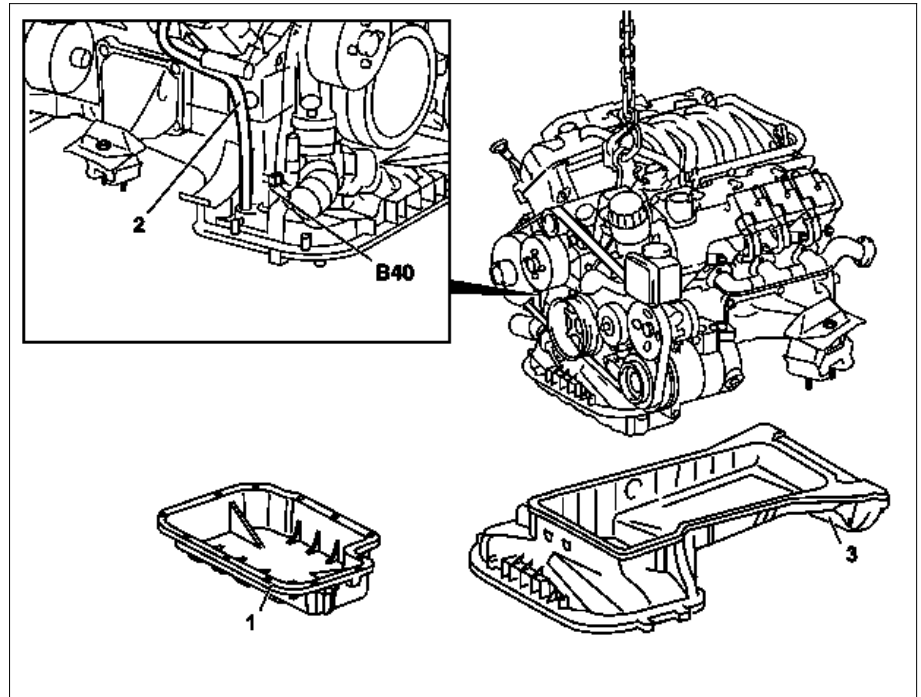
ENGINES 113.942 in MODEL 163.172

ENGINES 113.981 in MODEL 163.174

ENGINES 113.965 in MODEL 163.175

Shown on engine 112

- 1 Oil pan bottom section
 2 Oil pipe
 3 Oil pan top section
 B40 Oil sensor (oil level, temperature and quality)



P01.45-2015-06

	Remove/install		
		External torx set	*001589760900
1	Remove oil pan bottom section (1)	Model 163.154 /157 /172. Models 163.174/ 175. 	AR01.45-P-7555V AR01.45-P-7555VE *BA01.45-P-1002-01B
2	Disconnect electrical line at oil sensor (oil level, temperature and quality) (B40)	Remove cable tie at oil pipe.	
3	Remove oil pipe (2) from dipstick	Installation: Replace sealing ring! 	AR18.40-P-3510BV *BA01.20-P-1001-01E
4	Remove oil pan top section(3) Notes on sealant path for oil pan Notes on sealant path for oil pan	Take out oil pan to the front in direction of travel for this step; rotate crankshaft slightly, if necessary. Installation: Observe different bolt length and bolt diameter: ↓ Bolt plan for oil pan Engine 112. Engine 113.941 /942 /960 /962 /965 /981. 	AR01.45-P-7500-06F AH01.45-P-0001-01C AH01.45-P-0001-01E *BA01.45-P-1001-01B *BR00.45-Z-1013-01A
5	Install in the reverse order		
6	Read out fault memory and erase	Stored faults which can result from cables being disconnected or from simulation during removal and installation or test work, have to be processed and erased in the fault memories after completing the work: ↓ Diagnosis Manual Volume 2 Index 0: Connecting and using test equipment.	
Danger!	Risk of accident caused by vehicle starting off by itself when engine is running. Risk of injury caused by contusions and burns during starting procedure or when working near the engine as it is running Check for leaks with engine 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
7			

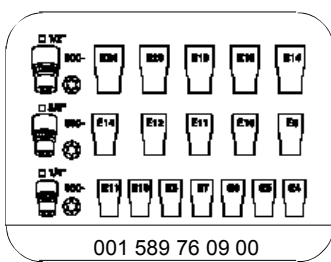
Crankcase ventilation, cylinder head cover

© Daimler AG, 3/20/18, L/01/18, ar01.45-p-7500fb, Remove/install oil pan
ENGINES 112.942 in MODEL 163.154 ENGINES 112.970 in MODEL 163.157 ENGINES 113.942 in MODEL 163.172 ENGINES 113.981 in MODEL 163.174 ENGINES 113.965 in MODEL ...

Number	Designation	Engine 112	Engine 113
BA01.20-P-1001-01E	Cylinder head cover bolt	Stage 1 Nm	9
		Stage 2 Nm	9
BA01.20-P-1002-01E	Bolt, ignition coils to cylinder head cover	Nm	8

Oil pan

Number	Designation	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	Engine 113.940/941/ 942/943/944/ 945/946/960/ 961/962/963/ 965/967/968/ 969/980/981/ 982/984/986/ 992/995
BA01.45-P-1001-01B	Bolt, oil pan to cylinder crankcase	M6 Nm	9
		M8 Nm	20
BA01.45-P-1002-01B	Self-tapping screw, oil pan to oil pan	Thread not pre-tapped Nm	14
		Thread pre-tapped Nm	10



External Torx set

Repair materials

Number	Designation	Order number
BR00.45-Z-1013-01A	Loctite 5970 sealant	A 003 989 98 20