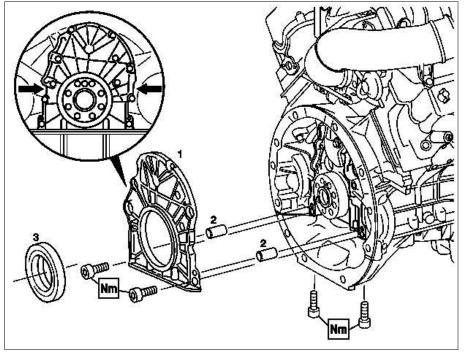
AR01.40-P-8913B Remove/install end cover 29.9.11

ENGINES 112.945 in MODEL 463.209 /232 /233 /244 /245 /250 **ENGINES** 112 in MODEL 129, 163, 170, 202, 203, 208, 209, 210, 220 **ENGINES** 113.962 in MODEL 463.206 /240 /241 /247 /248 /249 /254 **ENGINES** 113 in MODEL 129, 163, 202, 208, 209, 210, 220, 230.474 /475 **ENGINES** 112.913 in MODEL 211.061 /261 **ENGINES** 112.949 in MODEL 211.065 /265 **ENGINES** 113.967 in MODEL 211.070 /270 **ENGINES** 113.982 in MODEL 463.243 /246 **ENGINES** 112.917 in MODELS 211.080 /280 **ENGINES** 112.954 in MODEL 211.082 /282

Shown on engine 112

- 1 End cover
- 2 Fitting sleeves
- 3 Crankshaft radial sealing ringing ring

ENGINES 113.969 in MODEL 211.083 /283



P01.40-0290-06

Modification notes

XX	Remove/install		
1	Remove flywheel/drive plate		AR03.30-P-8001C
2	Remove end cover (1)	i Pry off end cover (1) carefully at both marked points with a bent screwdriver (see magnified section). i The crankshaft radial sealing ringing ring (3) must always be replaced when end cover (1) is removed.	*BA01.40-P-1004-01C
₽	Clean		
3	Clean sealing surfaces	Do not use any sharp-edged tools or abrasive paper as this will damage the sealing surfaces. Loctite 7200	AR01.00-P-0050-01A *BR00.45-Z-1038-04A
		Loctite 7063 cleaning spray (150 ml)	*BR00.45-Z-1046-04A
4	Install a new rear crankshaft radial sealing ringing ring (3)	The rear crankshaft radial sealing ringing ring (3) must only be removed once end cover (1) has been removed.	
		Installation: Circumference and sealing lip of the crankshaft radial sealing ringing ring (3) as well as the mating surface on the crankshaft must be free of oil and grease, in order to guarantee a proper function:	
		Install crankshaft radial sealing ringing ring (3).	AR03.20-P-3063-01B
		3	*111589084300

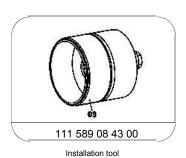
i	Notes on sealant path on end cover with radial shaft sealing ring	i Installation: Pay attention to fitting sleeves (2) when pressing on end cover!	AH01.40-P-1000-06A
		Loctite 5970 sealant	*BR00.45-Z-1013-01A
5	Install in the reverse order		
			AS00.00-Z-0005-01A
6	Carry out engine test run	i Before installing transmission, check for oil leaks!	

$\overline{^{\text{Nm}}}$ Cylinder crankcase, timing case cover, end cover

Number	Designation			Engine 112 except 112.951 / 976
BA01.40-P-1004-01C	End cover screw/bolt	Thread not pre- tapped	Nm	14
		Thread pre- tapped	Nm	10

$\overline{\rm ^{Nm}}$ Cylinder crankcase, timing case cover, end cover

Number	Designation		Engine 113.940/941/ 942/943/944/ 948/960/961/ 962/963/964/ 965/966/967/ 968/969/971/ 980/981/982/ 984/986/992/ 995	Engine 113.987/ 988/990/ 991/993
BA01.40-P-1004-01C	End cover screw/bolt	Thread not pre- Nr tapped	n -	-
		Thread pre- Ni tapped	n 10	8



Repair materials

Number	Designation	Order number	
BR00.45-Z-1013-01A	Loctite 5970 sealant	A 003 989 98 20	
BR00.45-Z-1038-04A	Loctite 7200	Henkel Loctite Deutschland GmbH	
		Arabellastrasse 17	
		81925 München	
		Germany	
		Tel. +49 899268-0	
		Fax + 49 899101978	
		www.Loctite.de	
BR00.45-Z-1046-04A	Loctite 7063 cleaning spray (150 ml)	A 001 986 71 71 10	