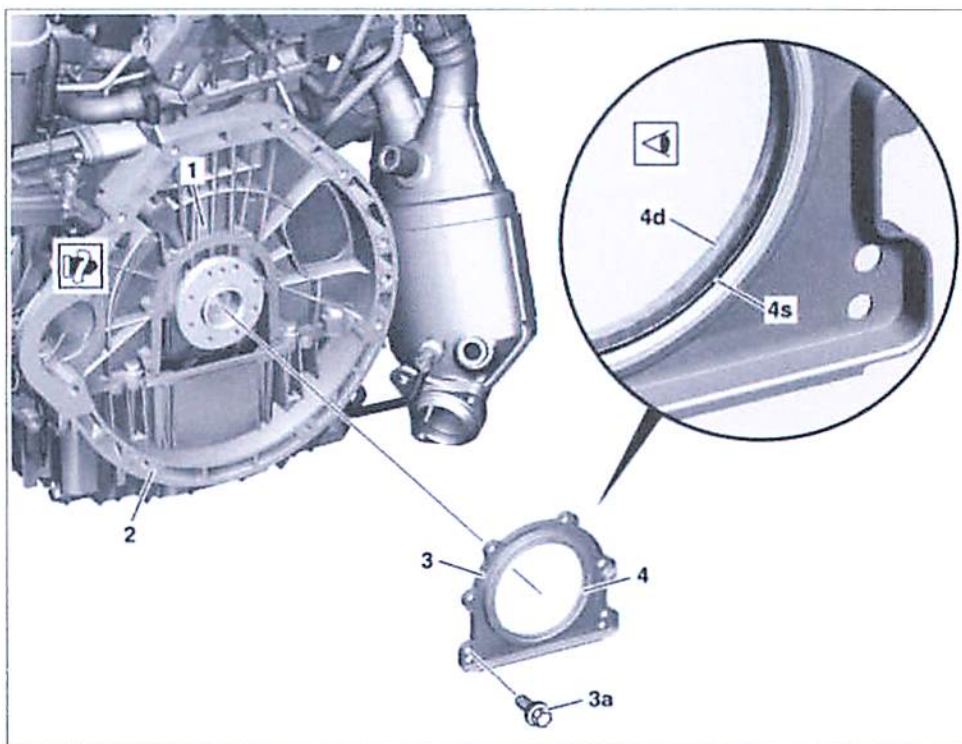


ENGINE 271 in MODEL 172, 204, 207, 212



- 1 Cylinder crankcase
- 2 Oil pan
- 3 End cover
- 3a Screw/bolt
- 4 Radial shaft sealing ring
- 4d Sealing lip
- 4s Protective lip

P03.20-2143-06

🔧	Remove/install		
1	Remove transmission	ENGINE 271 in MODEL 172, 204, 207, 212 TRANSMISSION 711.6 in MODEL 172 with ENGINE 271 TRANSMISSION 722.9 in MODEL 172 with ENGINE 271 TRANSMISSION 711.6 in MODEL 204 with ENGINE 271 TRANSMISSION 711.6 in MODEL 207 with ENGINE 271 TRANSMISSION 716.6 in MODEL 204, 207 with ENGINE 271 TRANSMISSION 722.6 in MODEL 204.02/3 with ENGINE 271 up to model year 2012 /AEJ11 TRANSMISSION 722.6 in MODEL 207 with ENGINE 271 TRANSMISSION 722.997 in MODEL 204.04/24/34 with ENGINE 271 TRANSMISSION 711.6 in MODEL 212 with ENGINE 271 TRANSMISSION 716.6 in MODEL 212 with ENGINE 271 TRANSMISSION 722.6 in MODEL 212 with ENGINE 271 TRANSMISSION 722.997 in MODEL 212 with ENGINE 271	AR26.10-P-0020V AR27.10-P-0500W AR26.10-P-0020SA AR26.10-P-0020CWA AR26.10-P-0020CW AR27.10-P-0500CW AR27.10-P-0500CWA AR26.10-P-0020EWG AR26.10-P-0020EWK AR27.10-P-0500EW AR27.10-P-0500EV
⚠️ Danger ! 2	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. Check outer oil leak on engine at the rear	Secure vehicle to prevent it from starting off by itself. Wear closed and snug-fitting work clothes. Do not touch hot or rotating parts. Crack detector 🛠️ Electrical connection kit	AS00.00-Z-0005-01A AR01.40-P-8913-01HA *BR00.45-Z-1001-03A *220589059900

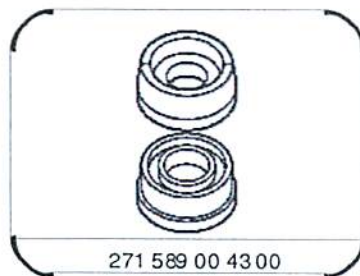
#	Clean		
3	Clean cylinder crankcase (1) and oil pan (2) in area of end cover (3)	Cleaner from package	*BR00.45-Z-1028-04A
4	Remove flywheel or drive plate		AR03.30-P-8001CW
5	Remove screw/bolts (3a)	Screw/bolt, end cover to cylinder crankcase or oil pan	*BA01.40-P-1004-01G
6	Pry off end cover (3) together with radial shaft sealing ring (4) from cylinder crankcase (1)	Do not hammer in any tool between the end cover (3) and cylinder crankcase (1) to pry them apart. The sealing surfaces can be damaged otherwise. Fit tool for prying off onto side notches of the end cover (3).	
7	Remove end cover (3)	Installation: The notes concerning applying sealant and the correct installation position of the sealing lip (4d) and protective lip (4s) must be strictly observed!. Leaks can occur otherwise or engine, clutch and environmental damage. Installation: The radial shaft sealing ring (4) is vulcanized in the end cover (3). As a result, the radial shaft sealing ring (4) and the end cover (3) can only be replaced together. Replace end cover (3) with radial shaft sealing ring (4). Screw/bolt, end cover to cylinder crankcase or oil pan Loctite 5970 sealant Cleaner from package Loctite 7200 Installation tool	AR03.20-P-3063-01V *BA01.40-P-1004-01G *BR00.45-Z-1013-01A *BR00.45-Z-1028-04A *BR00.45-Z-1038-04A *271589004300
#	Clean		
8	Clean sealing surfaces for end cover (3)	Do not use any sharp-edged tools or abrasive paper. The sealing surfaces will be damaged otherwise. Loctite 7200 Loctite 7063 cleaning spray (150 ml)	AR01.00-P-0050-01A *BR00.45-Z-1038-04A *BR00.45-Z-1046-04A
9	Install in the reverse order		

Cylinder crankcase, timing case cover, end cover

Number	Designation		ENGINE 271
BA01.40-P-1004-01G	Screw/bolt, end cover to cylinder crankcase or oil pan	Nm	8



Electrical connection kit



Installation tool

Repair materials

Number	Designation	Order number
BR00.45-Z-1001-03A	Crack detector	A 000 989 03 59

BR00.45-Z-1013-01A	Loctite 5970 sealant	A 003 989 98 20
BR00.45-Z-1028-04A	Cleaner from package	Adolf Würth GmbH & Co. KG Reinhold-Würth-Str. 12-17 74653 Künzelsau-Galsbach Germany Tel. +49 7940 15-0 Fax +49 7940 15-1000 www.wuerth.de
BR00.45-Z-1038-04A	Loctite 7200	Henkel Loctite Deutschland GmbH Arabellastrasse 17 81925 Munich Germany Tel. +49 899268-0 Fax +49 899101978 www.Loctite.de
BR00.45-Z-1046-04A	Loctite 7063 cleaning spray (150ml)	A 001 986 71 71 10