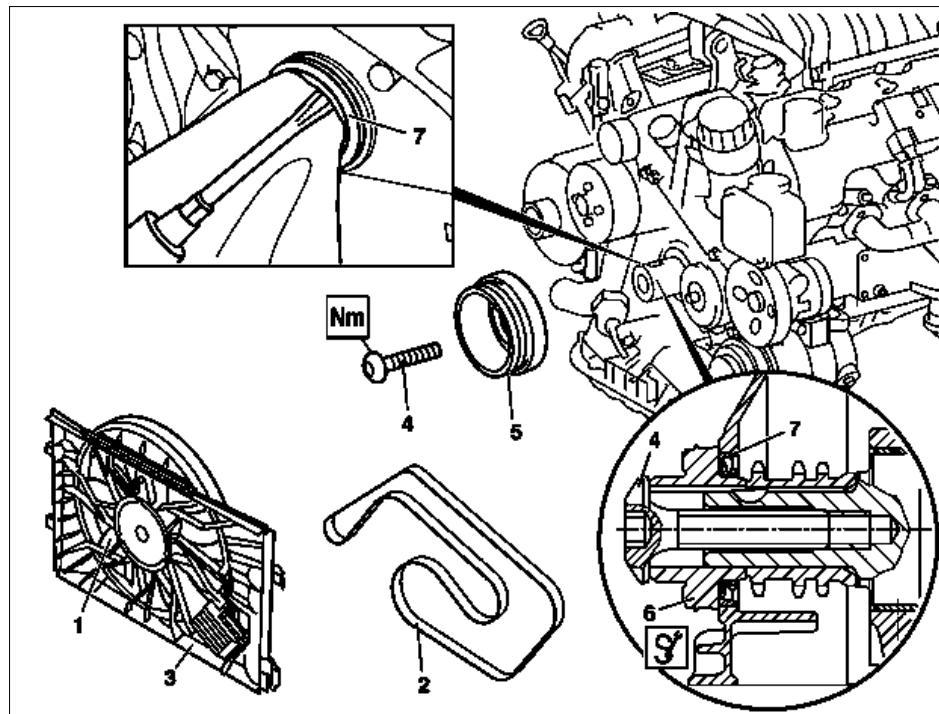


ENGINE 112 in MODEL 170, 202, 203, 208, 209, 210, 220
 ENGINE 113 in MODEL 209
 ENGINE 113 (except 113.991) in MODEL 215, 220
 ENGINE 113.981 in MODEL 163.174
 ENGINE 112.913 in MODEL 211.061 /261
 ENGINE 112.949 in MODEL 211.065 /265
 ENGINE 113.967 in MODEL 211.070 /270
 ENGINE 113.963 in MODEL 230.475
 ENGINE 112.917 in MODEL 211.080 /280
 ENGINE 112.954 in MODEL 211.082 /282
 ENGINE 113.969 in MODEL 211.083 /283
 ENGINE 113.988 in MODEL 203.076 /276
 ENGINE 113.989 in MODEL 171.473

Shown on engine 112 in model 203

- 1 Electric fan
- 2 Poly-V belt
- 3 Fan shroud
- 4 Center bolt
- 5 Belt pulley/vibration damper
- 6 Sleeve
- 7 Crankshaft radial seal



P03.20-2067-06

Modification notes

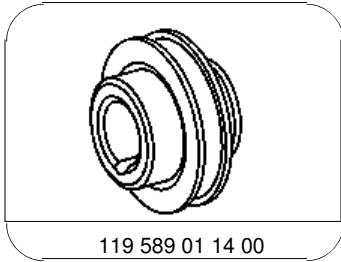
9.1.06	Central bolt to vibration damper	*BA03.30-P-1001-01D
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	Remove/install		
1	Remove belt pulley / vibration damper (5)	Model 170.466, 203 with engine 112 Except model 170.466, 203 with engine 112 i Inspect contact surface of hub for signs of wear.	AR03.30-P-1600CA
2	Remove crankshaft radial sealing ring (7)	i Press out with a screwdriver. i Do not damage crankshaft and mounting bore for crankshaft radial sealing ring (7). Use a clean rag as a base. i Circumference and sealing lip of crankshaft sealing ring (7) as well as the mating contact surface on the vibration damper must be free of oil and grease. i Installation: Install front crankshaft radial sealing ring (7) with the aid of the sleeve (6). i Do not coat crankshaft radial sealing ring (7) with sealant. S Sleeve	AR03.20-P-3000-01B *119589011400
3	Install in the reverse order		

⚠ 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 4 Check oil viscosity after performing engine test run	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
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Nm Flywheel, driven plate, vibration damper, starter ring gear

Number	Designation	Engine 112	Engine 113.94/96/ 97/98
BA03.30-P-1001-01D	Central bolt to vibration damper	Stage 1 Nm 200	200
		Stage 2 Δ° 90	90



Sleeve