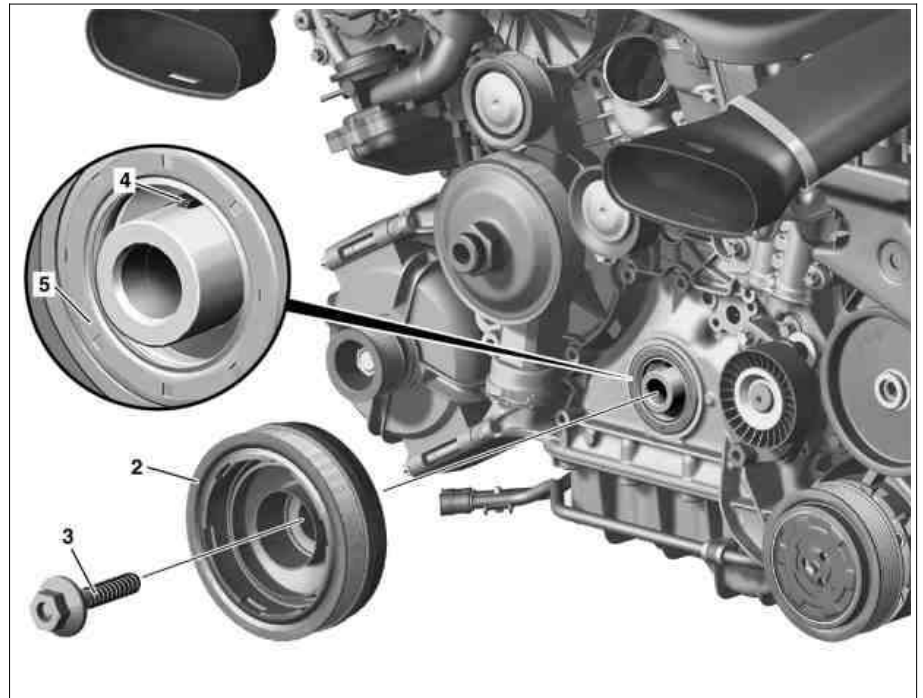


ENGINE 272, 273 in MODEL 164, 251

ENGINE 273 in MODEL 463

- 2 Belt pulley/vibration damper
 3 Center bolt
 4 Key
 5 crankshaft radial sealing ringing ring



P03.30-2076-06

	Remove/install		
	Risk of injury caused by fingers being jammed or pinched when removing, installing or aligning hoods, doors, trunk lid/rear-end door or sliding roof.	No parts of the body or limbs should be within the operating area when the components are moving.	AS00.00-Z-0011-01A
1	Switch off ignition		
2	Remove poly-V belt	ENGINE 272, 273 in MODEL 164, 251 ENGINE 273 in MODEL 463	AR13.20-P-0001GZA AR13.20-P-0001GZG
3	Position engine at top dead center		
4	Install retaining lock for crankshaft/starter ring gear	ENGINE 272 (except 272.973), 273 in MODEL 164, 251 with TRANSMISSION 722.9 ENGINE 273 in MODEL 463 with TRANSMISSION 722.9	AR03.30-P-5000GZA AR03.30-P-5000GZG
5	Remove center bolt (3)	Installation: Install new center bolt (3). Center bolt, belt pulley to crankshaft	*BA03.30-P-1001-01M
6	Detach belt pulley/vibration damper (2) from crankshaft	Installation: Place belt pulley/vibration damper (2) at crankshaft and using light rotary movements, ensure that the groove of the belt pulley /vibration damper (2) engages with the feather keys (4) of the crankshaft.	
	Check		
7	Check contact surface of crankshaft radial sealing ringing ring (5) at hub of belt pulley/vibration damper (2)	Check for scoring and galling, if necessary, replace belt pulley/vibration damper (2).	
8	Replace front crankshaft radial sealing ringing ring (5)	When replacing the belt pulley/vibration damper (2) or in the event of leakage of the crankshaft radial sealing ringing ring (5).	AR03.20-P-3000GZA
9	Install in the reverse order		
	Check		
10	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. Perform an engine test run and check engine for leaktightness	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

Nm Flywheel, drive plate, vibration damper, starter ring gear

Number	Designation	ENGINE 272	ENGINE 273
BA03.30-P-1001-01M	Center bolt, belt pulley to crankshaft	200 =147.5 ft.lbs.	200
	Torque Angle Gauge needed for step 2	90	90