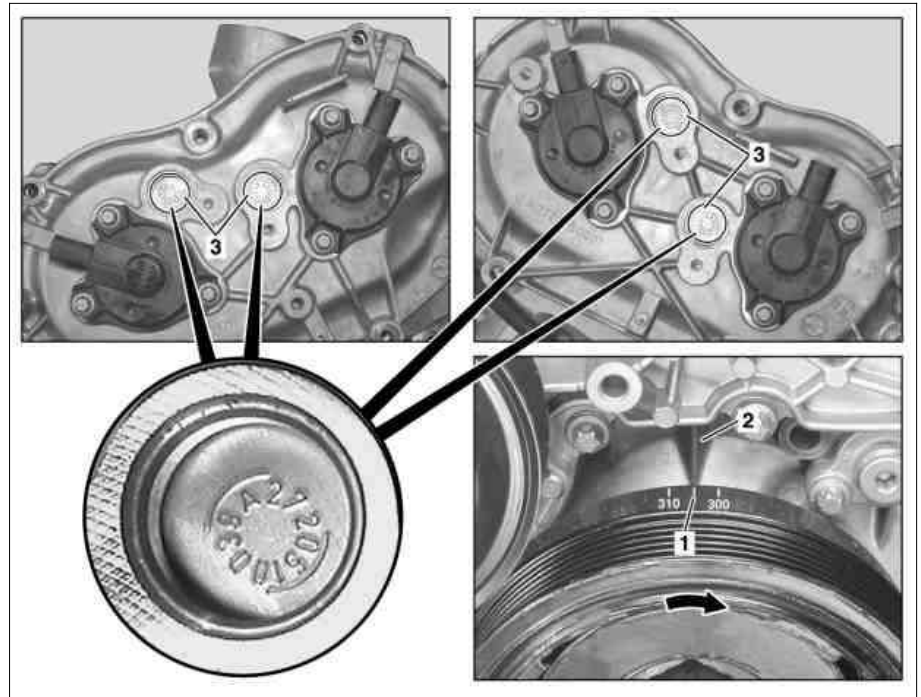


ENGINES 272, 273 in MODEL 164, 251

ENGINES 273 in MODEL 463

- 1 Marking on belt pulley
- 2 positioning edge on timing case cover
- 3 Pulse wheel markings



P05.20-2163-06

	Remove/install		
Danger!	Risk of injury caused by fingers being pinched or crushed when removing, installing or aligning hoods, doors, trunk lids, liftgates or sliding roof	Keep body parts and limbs well clear of moving parts.	AS00.00-Z-0011-01A
1	Remove air filter housing	Model 164, 251 Model 463	AR09.10-P-1150GZA AR09.10-P-1150GZG
2	Remove Hall sensor on camshafts		AR15.10-P-2000GZA
	Checking		
3	Turn engine at the crankshaft in direction of engine rotation (arrow) to 55° crank angle before ignition top dead center (ignition TDC)(305° at pulley) and basic position of the camshafts Turn the crankshaft to the right facing the engine. If you pass the intended mark, DO NOT TURN THE ENG. IN THE OPPOSITE DIRECTION , valves will be bent. Simply turn the eng. to the right again 360 until the mark is met.	The marking of the belt pulley (1) (305°) must align with the arrow edge of the timing case cover (2) and the markings of the pulse wheels (3) must be central in the sensor bores. If necessary, set the basic position of the camshafts when removing/installing the camshaft adjuster: ↓ Remove/install camshaft adjusters Camshaft adjuster of exhaust camshaft Model 164, 251 Model 463 Camshaft adjuster of intake camshaft Model 164, 251 Model 463	AR05.20-P-7201GZA AR05.20-P-7201GZG AR05.20-P-7201GZC AR05.20-P-7201GZH
4	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	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
5	Carry out an engine test run and check engine for leaks		