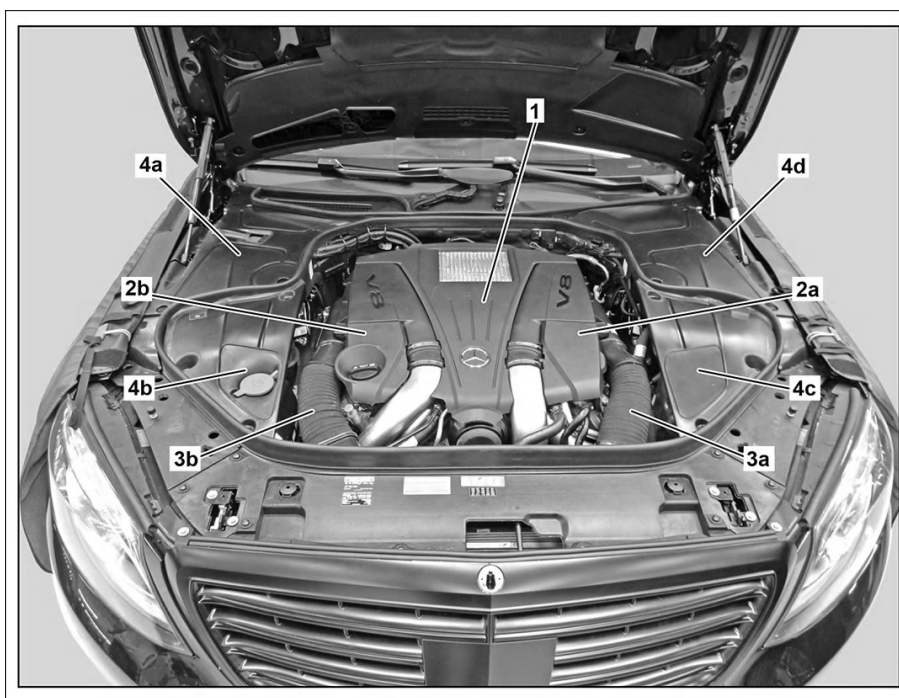


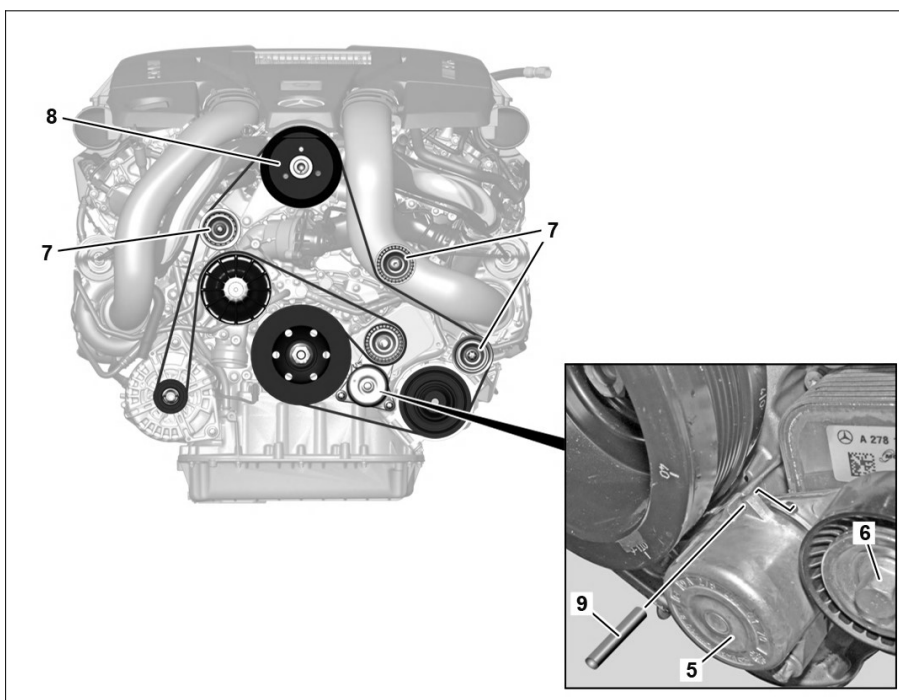
ENGINE 157, 278 in MODEL 217, 222

- 1 Engine cover
- 2a Engine cover
- 2b Engine cover
- 3a Engine air intake duct
- 3b Engine air intake duct
- 4a Engine compartment cover
- 4b Engine compartment cover
- 4c Engine compartment cover
- 4d Engine compartment cover



P01.00-3421-06

- 5 Tensioning device
- 6 Hexagon
- 7 Guide pulley
- 8 Upper guide pulley
- 9 Drift



P13.20-2105-06

<p>Danger !</p>	<p>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.</p>	<p>No parts of the body or limbs should be within the operating area when the components are moving.</p>	<p>AS00.00-Z-0011-01A</p>
<p>Remove/install</p>			
<p>1</p>	<p>Remove engine covers (1, 2a, 2b)</p>		
<p>2</p>	<p>Remove engine air intake ducts (3a, 3b)</p>		
<p>3</p>	<p>Slacken poly-V belt and remove</p>	<p>Routing diagram for poly-V belt Installation: Do not use belt wax or similar products. This leads to slipping of the poly-V belt.</p>	<p>AR13.22-P-3902-02MM</p>

		<p>i To do so, swivel clamping device (5) at hexagon (6) counterclockwise, remove poly-V belt and detension clamping device (5).</p> <p>i Installation: Observe poly-V belt routing diagram.</p>	
4	Check belt pulley profile, tensioning device (5) and guide pulleys (7, 8)	i Check for damage, wear and soiling.	
5	Remove lower engine compartment paneling		AR61.30-P-1001LF
6	Lock tensioning device (5)	<p>i Installation: After laying on the poly-V belt, swivel tensioning device (5) at hexagon (6) clockwise, pull out drift (9) and detension tensioning device (5).</p> <p>i Swivel tensioning device (5) at hexagon (6) counterclockwise and lock in place using drift (9).</p>	
7	Remove screw/bolts on tensioning device (5)	Nm Bolt, poly-V belt tensioning device to timing case cover	*BA13.25-P-1001-01Y
8	Remove tensioning device (5) downwards		
9	Remove left charge air line		AR09.41-P-8620LFB
10	Remove screw/bolts for guide pulleys (7)	<p>Nm Bolt, guide pulley to coolant pump/oil filter timing case cover</p> <p>Nm Bolt, guide pulley to carrier</p>	<p>*BA13.25-P-1005-01Y</p> <p>*BA13.25-P-1002-01Y</p>
11	Remove guide pulleys (7)		
12	Detach upper guide pulley (8) and carrier from timing case cover	Nm Bolt, guide pulley to coolant pump/oil filter timing case cover	*BA13.25-P-1005-01Y
13	Remove screw/bolts for upper guide pulley carrier (8)	Nm Bolt, guide pulley carrier/ABC pump to timing case cover/coolant pump	*BA13.25-P-1003-01Y
14	Install in the reverse order		

Nm Belt tensioning device

Number	Designation		ENGINE 157	ENGINE 278
BA13.25-P-1001-01Y	Bolt, poly-V belt tensioning device to timing case cover	Nm	20	20

Nm Belt tensioning device

Number	Designation		ENGINE 157	ENGINE 278
BA13.25-P-1002-01Y	Bolt, guide pulley to carrier	Nm	70	70

Nm Belt tensioning device

Number	Designation		ENGINE 157	ENGINE 278
BA13.25-P-1003-01Y	Bolt, guide pulley carrier/ABC pump to timing case cover/coolant pump	Nm	20	20

Nm Belt tensioning device

Number	Designation		ENGINE 157	ENGINE 278	
BA13.25-P-1005-01Y	Bolt, guide pulley to coolant pump/oil filter/ timing case cover	M8	Nm	35	35
		M10	Nm	35	35