

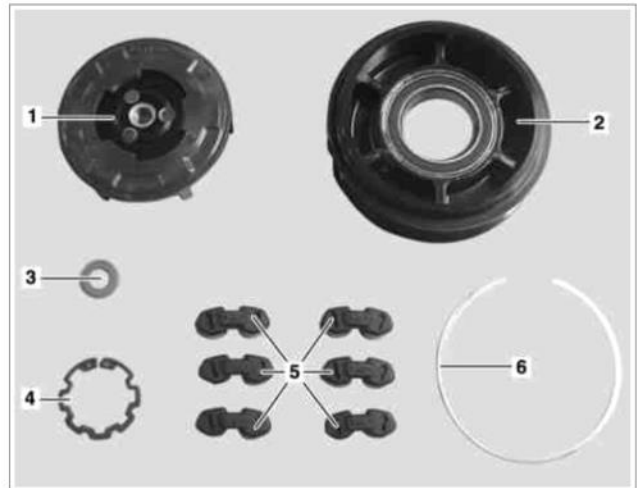
# Printout

Thursday, September 22, 2016 11:52 AM

<b>SM83.55-P-0002A</b>	<b>Replace refrigerant compressor belt pulley</b>	<b>4.2.09</b>
<b>ENGINE 112</b>	<b>in MODEL 202, 210, 203, 209, 211, 220, 129, 208, 163, 170</b>	
<b>ENGINE 113</b>	<b>in MODEL 210, 220, 163, 208, 202, 215, 129, 230, 164, 211, 219, 209, 251, 203, 171</b>	
<b>ENGINE 272</b>	<b>in MODEL 204, 203, 211, 209, 171, 211, 251, 221, 230, 219, 164</b>	
<b>ENGINE 273</b>	<b>in MODEL 221, 164, 211, 219, 216, 221, 251, 230, 209</b>	

**Belt pulley parts kit**

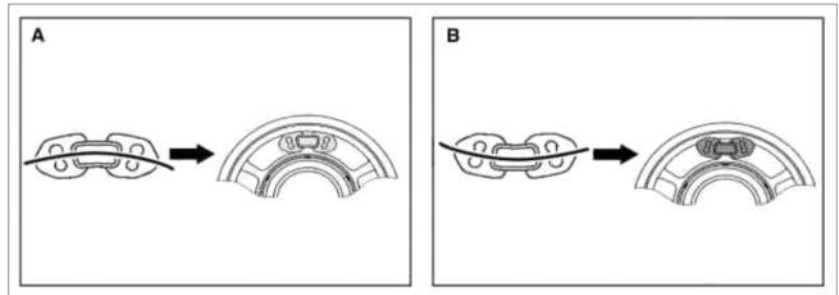
- 1 Hub
- 2 Belt pulley
- 3 Washer
- 4 Snap ring
- 5 Damper rubber
- 6 Circlip



P83.55-2141-11

**Picture 1**

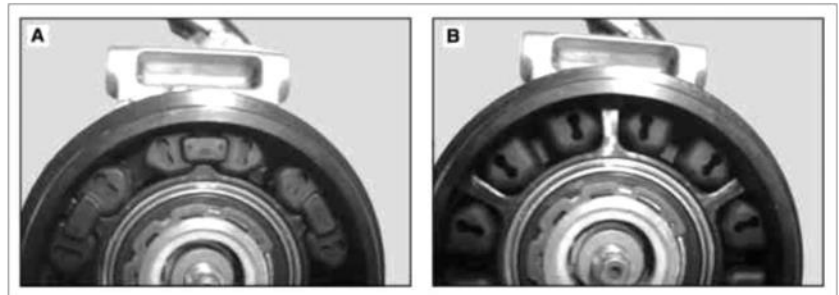
- A Correct
- B Incorrect



P83.55-2142-04

**Picture 2**


- A Correct
- B Incorrect

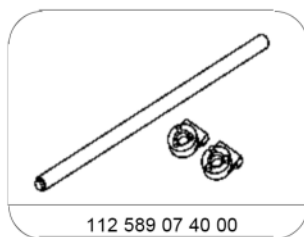


P83.55-2143-04

⚠	<b>Remove/install</b>		
<b>Danger!</b>	<b>Risk of death</b> caused by vehicle slipping or toppling off of the lifting platform.	Align vehicle between columns of vehicle lift and position four support plates at vehicle lift support points specified by vehicle manufacturer.	<b>AS00.00-Z-0010-01A</b>
		<b>i</b> Do not remove the refrigerant compressor and do not open or evacuate the refrigerant circuit. Remove/install the belt pulley when the engine is cold.	

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		1 Raise vehicle.	
		2 Remove lower engine compartment paneling.	
		3 Remove V-belt.	
		4 Remove belt pulley circlip.	

		<b>i</b> With plastic belt pulleys, it is possible to insert a screwdriver under the circlip and to push forward. The belt pulley then breaks out of the groove and the circlip can be removed.	
		5 Remove limiter disk.	
		6 Remove nut from refrigerant compressor shaft.	
		 Counterholder	*112589074000
		7 Remove circlip from refrigerant compressor shaft bearing.	
		8 Remove belt pulley.	
		<b>i</b> Do not apply pulling force in an axial direction to the refrigerant compressor shaft.	
		9 Place belt pulley (2) from parts kit on refrigerant compressor shaft.	
		10 Fit snap ring (4) for refrigerant compressor shaft bearing.	
		<b>i</b> Fit the snap ring (4) with its flat side facing the refrigerant compressor. Make sure that the snap ring (4) is seated correctly (engaged in position).	
		11 Fit washer (3).	
		<b>i</b> The washer (3) must lie flat against the base.	
		12 Fit damper rubber (5).	
		<b>i</b> Make sure that it is positioned correctly (picture 1, A). Position the damper rubbers (5) on the web and not in the cavities (picture 2, A).	
		13 Insert hub (1).	
		<b>i</b> Make sure that it is fitted at the correct position. The driver must engage in the cavities. Tighten clockwise until finger-tight; the hub (1) tightens automatically when in operation.	
		14 Install circlip (6) of belt pulley.	
		15 Install new V-belt.	
		16 Install lower engine compartment paneling.	



112 589 07 40 00

Counterholder

**Parts ordering notes**

Part no.	Designation	Quantity
A 000 234 13 12	Belt pulley Ø 100 mm	1
A 000 234 14 12	Belt pulley Ø 110 mm	1