

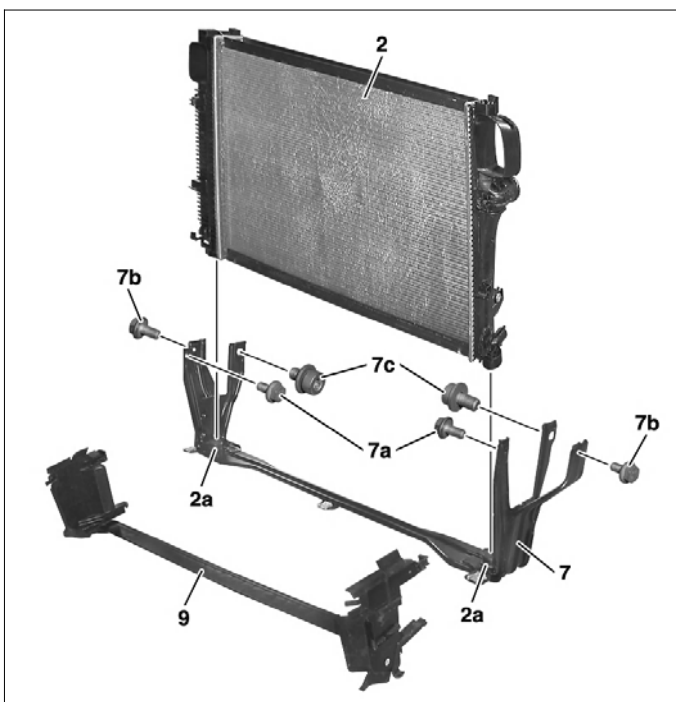
P20.20-2305-09

- 01 Needle nose pliers
- 1 ATF line of automatic transmission
- 2 Radiator
- 3a, 3b Coolant hose
- 3c Coolant hose

- 3d Coolant hose
- 4 Bolt
- 5 Expansion clip
- 6 Fan guides
- 7a Bolt











- 7c Bolt
- 8 Capacitor
- 10 Clip
- 11 Radiator crossmember
- 12 Oil lines

- 2 Radiator
- 2a Rubber bushing
- 7 Radiator support
- 7a, 7b Bolt
- 7c Bolt
- 9 Air ducting



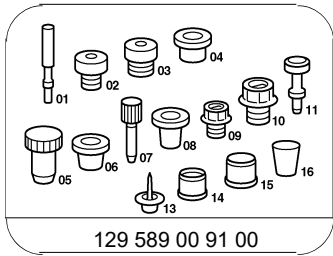
P20.20-2294-12

☒ ☒	<b>Remove/install</b>		
	<b>Risk of death</b> caused by vehicle slipping or toppling off 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>
1	Remove engine trim panel	Engine 275.95 Engine 275.98	<b>AR01.10-P-2405LA</b> AR01.10-P-2405IM
2	Remove engine intake air duct		

3	Remove expansion clip (5) from radiator (2)		
4	Remove radiator grille from bumper	Model 216  <b>Installation:</b> First install radiator paneling in bumper.	
5	Remove bottom air ducting (9)		
6	Dismount radiator crossmember (11)	See Completely replace front end with reinforcement.  <b>Installation:</b> For vehicles with code 219 Distronic (DTR) or code 233 Distronic Plus : ↓ Check / adjust sensor setting of Distronic.	AR62.30-P-1570SX  AR30.30-P-1000R AR20.40-P-6800SZ
7	Remove fan shroud	 Take out fan shroud upwards.	AR20.40-P-6800SZ
8	 <b>WF</b> Hook guard plate onto radiator (2) Guard plate for radiator / condenser		WF58.50-P-0110-01A
9	Remove front section of lower engine compartment paneling	Vehicles without top protection  Vehicles with code Z07 Top protection	AR61.20-P-1105SX AR61.20-P-1105SXS
10	Drain coolant at radiator (2)		AR20.00-P-1142H
11	Undo clip (10) on oil lines (12)		
12	Unclip condenser (8) using needle nose pliers (01) on left and right from radiator (2)		
13	Remove front section of fender liner in right front fender		
14	Remove air ductings (6)		
15	Remove oil lines (1) on radiator (2)	 Close off connections using stop plugs to avoid ingress of contaminants. 	*129589009100
16	Remove coolant hoses (3a, 3b) on radiator (2)	See Open and close Henn coupling.	AR09.41-P-1311-01AL
17	Remove coolant hose (3c) on radiator (2)		*003589033700
18	Detach oil cooler and secure with cable tie	Model 221.176, 216.376	AR18.30-P-1000SZ
19	Remove bolts (7a)		*BA62.30-P-1001-04B
20	Take off coolant hose (3d) at radiator (2)		AR09.41-P-1311-01AL
21	Unscrew bolt (4)		
22	Unscrew bolts (7b, 7c) and take off radiator support (7) downwards	 <b>Installation:</b> Check correct seating of rubber mount (2a) in radiator (2) and radiator support (7). 	*BA62.30-P-1001-04B
23	Unclip low-temperature cooler from radiator (2)		AR09.41-P-6935SZ
24	Unhook condenser (8) below out of radiator (2)		
25	Take out radiator (2) in an upward direction		
26	Install in the reverse order		
27	Check oil level in automatic transmission, correct if necessary		AR27.00-P-0100AC
28	Adjust engine hood		AR88.40-P-3020SX
29	<b>Risk of accident</b> caused by vehicle starting off by itself when engine is running. <b>Risk of injury</b> caused by contusions and burns during starting procedure or when working near the engine as it is running Perform engine test run and check connections for oil lines (1) for leaks	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

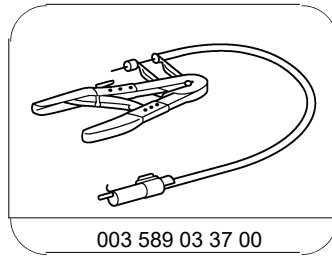
 **Radiator support**

Number	Designation	Model 216	Model 221
BA62.30-P-1001-04B	Bolt, radiator support to longitudinal member	M6 Nm 10	10
		M12 Nm 120	120



129 589 00 91 00

Set of stop plugs



003 589 03 37 00

Hose clamp pliers