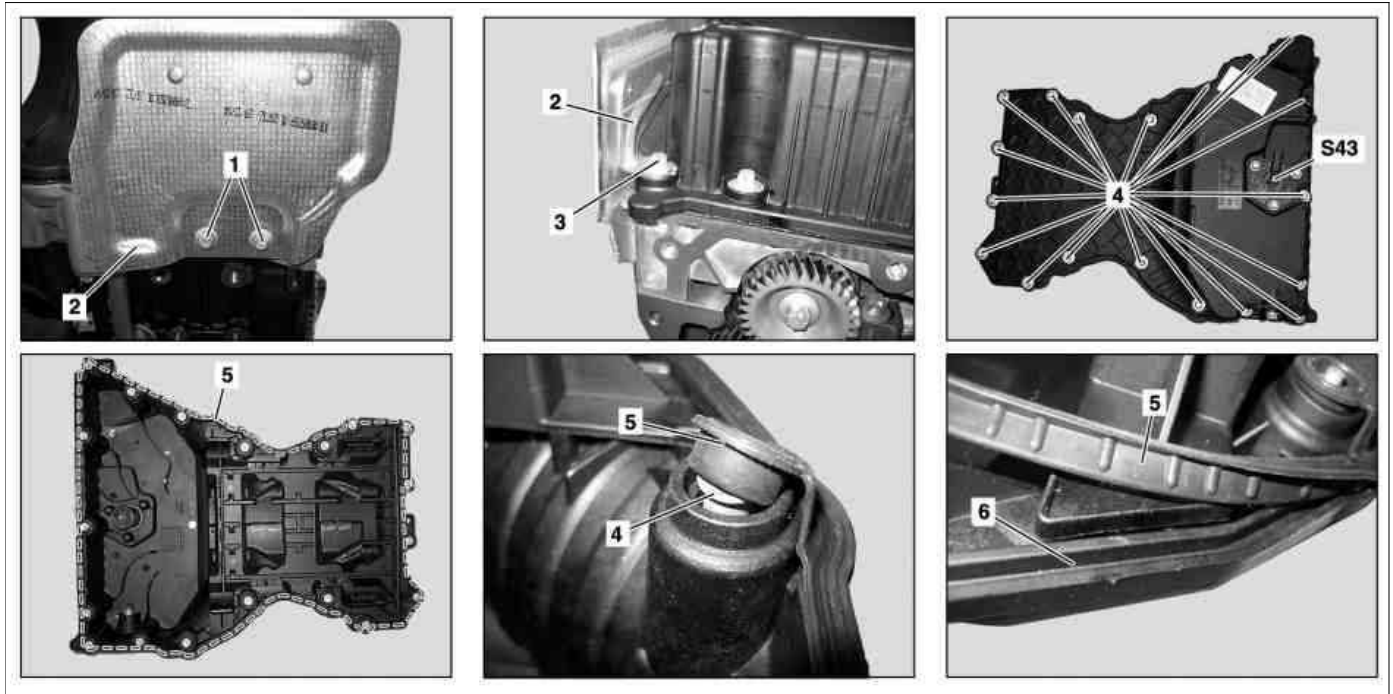


Engine	651 in model 172, 207, 212 with transmission 711
Engine	651 in model 172, 207, 218 with transmission 722
Engine	651 in model 204.000/001/002/003/082/084/200/201/202/203/282/284/302/303/901/902/904/982/984/997
Engine	651 in model 212 with transmission 722 (except 722.96)
Engine	651 in model 212 with transmission 724.2

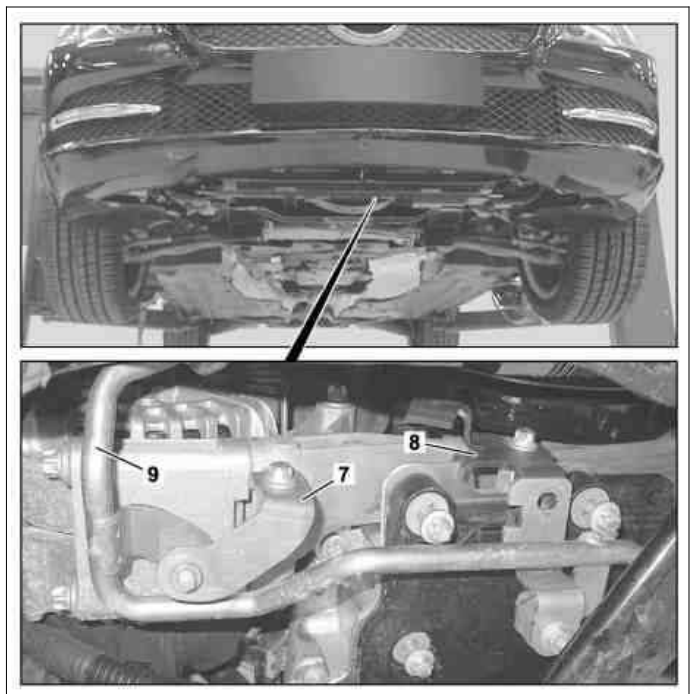


P01.45-2324-09

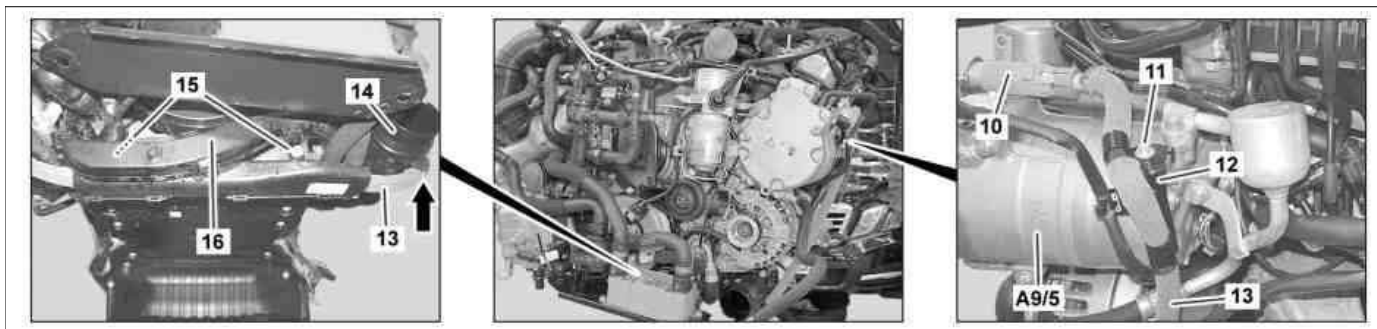
- | | | | |
|---|----------------|-----|------------------------|
| 4 | Bolts | 6 | Groove |
| 5 | Oil pan gasket | S43 | Oil level check switch |

MODEL 172

- | | |
|---|--------------------|
| 7 | Bracket |
| 8 | Bracket |
| 9 | High pressure pipe |









P01.45-2380-12








P01.45-2390-07

MODEL 212.098/298

- | | | | | | |
|----|------------------------|----|------------------------|------|---------------------------------|
| 10 | High-voltage connector | 13 | High-voltage line | 16 | Cable duct |
| 11 | Screw | 14 | Engine charge air duct | A9/5 | Electric refrigerant compressor |
| 12 | Bracket | 15 | Bolts | | |

 	Remove/install		
1	Perform enable for the high voltage on-board electrical system	Engine 651 in model 212.098/298	AR54.10-P-1150EH
2	Detach high voltage plug (10) from electrical A/C compressor (A9/5)	Engine 651 in model 212.098/298	
3	Remove screw/bolt (11) and remove bracket (12) for high-voltage line (13) from electrical A/C compressor (A9/5)	Engine 651 in model 212.098/298	
4	Secure vehicle on vehicle lift	Engine 651 in model 172 Engine 651 in model 204 with transmission 711, 722 (except 722.96) Engine 651 in model 207 with transmission 711, 722 Engine 651 in model 212 with transmission 711, 722 (except 722.96) Engine 651 in model 218 with transmission 722	AR00.60-P-0100T AR00.60-P-0100CW AR00.60-P-0100EWS
5	Remove bottom sections of soundproofing	Engine 651 in model 172 All except model 172	AR94.30-P-5300W AR94.30-P-5300EW
6	Open cable tie (arrow) and remove high-voltage line (13) from engine charge air duct (14)	Engine 651 in model 212.098/298  Installation: Replace cable ties (arrow).	
7	Remove screw/bolts (15), remove cable duct (16) from engine and lay high-voltage line (13) with cable duct (16) outside the working area	Engine 651 in model 212.098/298  Lay high-voltage line (13) completely outside the working area. The high-voltage line (13) will be damaged otherwise.	
8	Drain/collect engine oil	 Installation: Replace seal for oil drain screw. Leaks can occur otherwise.  Drain screw to oil pan	*BA01.45-P-1003-01S
9	Detach bracket (7, 8) for high-pressure line (9)	Engine 651 in model 172	
10.1	Lower front axle	Model 204, 207, 212, 218 Engine 651 in model 204 with transmission 711, 722 (except 722.96) Engine 651 in model 207 with transmission 711, 722 Engine 651 in model 212 with transmission 711, 722 (except 722.96) Engine 651 in model 218 with transmission 722	AR33.10-P-0100CW AR33.10-P-0100EW
10.2	Unfasten engine on front axle and raise using the engine hoist	Engine 651 in model 172 Engine 651 in model 172	AR22.10-P-1260SLK

11	Remove oil dipstick guide tube	Engine 651 in model 172, 207 with transmission 711, 722 Engine 651 in model 204, 212 with transmission 711, 722 (except 722.96) Engine 651 in model 212 (except 212.098/298) with transmission 724.2 Engine 651 in model 218 with transmission 722 Engine 651.9 in model 212.098/298	AR01.45-P-9600CD AR01.45-P-9600EH
12	Disconnect Electrical connection at oil level check switch (S43)		
13	Remove bolts (4) on the oil pan	 Engine 651 in model 172, 207 with transmission 711, 722 Engine 651 in model 204, 212 with transmission 711, 722 (except 722.96) Engine 651 in model 212 with transmission 724.2 Engine 651 in model 218 with transmission 722 Bolt, oil pan bottom section to oil pan top section	*BA01.45-P-1002-01S
14	Remove oil pan with oil pan gasket (5)	 Installation: Clean sealing surfaces. Push oil pan gasket (5) over the collar of the bolts (4) and press into the slot (6) around the whole circumference.	
15	Install in the reverse order		
	Check		
16	Check engine oil level, correct if necessary	 The engine oil level must lie between "Min" and "Max". Engine damage can occur otherwise.	
 Warning	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.	Secure vehicle to prevent it from starting off by itself. Wear buttoned-up and snug-fitting work clothes. Do not touch hot or rotating parts.	AS00.00-Z-0005-01A
17	Carry out engine test run and check engine for leaktightness in the area of the oil pan		

 Oil pan

Number	Designation		Engine 651
BA01.45-P-1002-01S	Bolt, oil pan bottom section to oil pan top section	Nm	10

 Oil pan

Number	Designation			Engine 651
BA01.45-P-1003-01S	Drain screw to oil pan	Metal	Nm	30
		Plastic	Nm	4