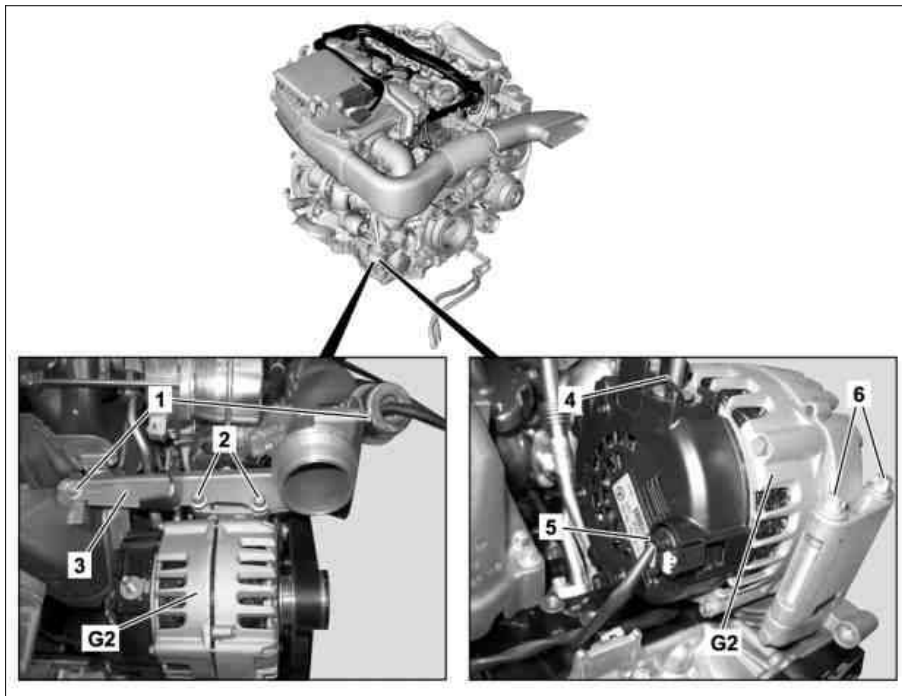


Engine **651 in model 172, 204, 207, 212 (except 212.098/298), 218, 221**

Modification notes

14.10.2019	Screw, alternator to major assembly carrier/oil filter	BA15.40-P-1004-01Q
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- 1 Bolts
- 2 Bolts
- 3 Bracket
- 4 Terminal 30 connection
- 5 Electrical connector
- 6 Bolts
- G2 Alternator



P15.40-2514-06

		Remove/install	
		Risk of death caused by vehicle slipping or toppling off of the lifting platform.	Align vehicle between vehicle lift columns and position the four support plates at the vehicle lift support points specified by the vehicle manufacturer.
1	Disconnect ground line at the on-board electrical system battery	Model 172 model 204 MODEL 207, 212, 218 MODEL 221 Do not connect no-load current retention unit. There risk if a short circuit otherwise. Insulate ground line to prevent unintentional contact between detached ground line and battery ground point.	AS00.00-Z-0010-01A AR54.10-P-0003W AR54.10-P-0003CW AR54.10-P-0003EW AR54.10-P-0003SX
2	Remove cylinder head cover trim		
3	Remove belt drive cover		
4	Remove fan unit	Only for sequential turbo-charging. MODEL 172, 204, 207 MODEL 212, 218 MODEL 221	AR20.40-P-5050CW AR20.40-P-5050EW AR20.40-P-5000SXI
5	Remove poly-V belt	MODEL 172, 207, 212, 218, 221 Model 204.0/2/3 MODEL 204.9	AR13.20-P-0001OMA AR13.22-P-1202CD AR13.20-P-0001OMD
6.1	Remove bottom sections of soundproofing	MODEL 172, 204.0/2/3, 207, 212, 218 Model 172 MODEL 204.0/2/3, 207, 212, 218	AR94.30-P-5300W AR94.30-P-5300EW
6.2	Remove lower engine compartment paneling	MODEL 204.9, 221 MODEL 204.9 MODEL 221	AR61.20-P-1105CY AR61.20-P-1105SX
7	Remove diagonal struts	Model 172	

		Self-locking bolt, front diagonal strut to frame floor or front axle carrier	*BA61.10-P-1006-01A
8	Lower rack-and-pinion steering	Model 172	AR46.20-P-0600V
9.1	Disconnect charge air hose upstream of charge air cooler on ATL	Only for sequential turbo-charging.	AR09.41-P-1311-01AL
9.2	Disconnect charge air duct upstream of charge air cooler on ATL and charge air hose upstream of charge air cooler and remove	Only with single-stage charging:.	AR09.41-P-1311-01AL
9.3	Remove charge air hose upstream of charge air cooler	Vehicles with 4MATIC.	AR09.41-P-8619CD
10	Detach cable bracket from holder (3)		
11	Remove screws (1, 2) and remove bracket (3)	Bolt, turbocharger bracket to turbocharger bypass flap Bolt, turbocharger bracket to engine support/major assembly carrier Screw, alternator to major assembly carrier/oil filter	*BA09.40-P-1007-01P *BA09.40-P-1008-01P *BA15.40-P-1004-01Q
12	Detach protection against accidental contact and detach electrical line circuit 30 (4) from alternator (G2)	Nut, circuit B+ to alternator	*BA15.40-P-1001-01Q
13	Unplug electrical connection (5) from alternator (G2)		
14	Loosen P/S pressure line on alternator bracket	Vehicles with 4MATIC and mechanical power steering pump	
15	Remove screw/bolts (6) and pull alternator (G2) upwards and out	Screw, alternator to major assembly carrier/oil filter	*BA15.40-P-1004-01Q
16	Install in the reverse order		

Turbocharger

Number	Designation	Engine 651
BA09.40-P-1007-01P	Bolt, turbocharger bracket to turbocharger bypass flap M6 Nm	9

Turbocharger

Number	Designation	Engine 651
BA09.40-P-1008-01P	Bolt, turbocharger bracket to engine support/major assembly carrier M8 Nm	20

Alternator

Number	Designation	Engine 651 in model 166, 172, 204, 205, 207, 212, 218, 222, 253, 447, 636, 906, 900, 907, 090, 091, 910
BA15.40-P-1001-01Q	Nut, circuit B+ to alternator Nm	18

Alternator

Number	Designation	Engine 651 in model 166, 172, 204, 205, 207, 212, 218, 222, 253, 447, 636, 906, 900, 907, 090, 091, 910
BA15.40-P-1004-01Q	Screw, alternator to major assembly carrier/oil filter Stage 1 Nm	20
	Stage 2 Nm	-

Nm Frame floor assembly

Number	Designation	Model 172
BA61.10-P-1006-01A	Self-locking bolt, front diagonal strut to frame floor or front axle carrier	Nm 60