

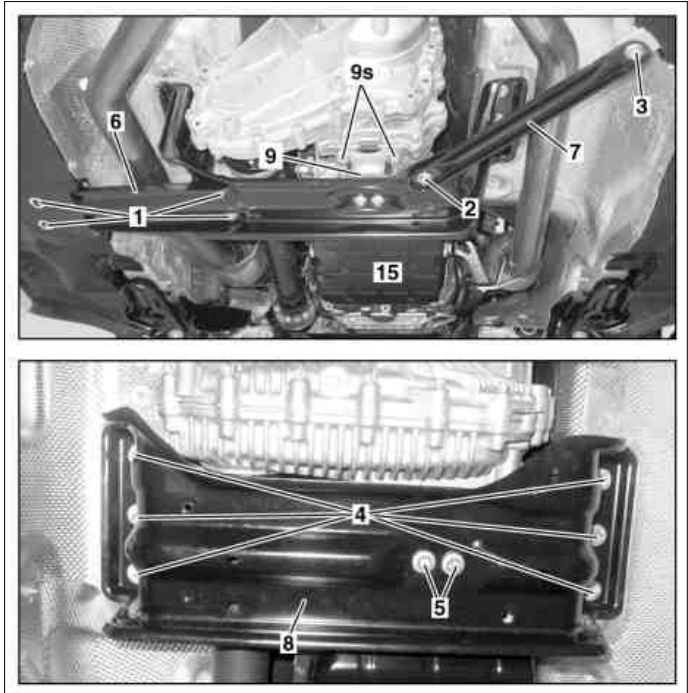
Engine 272, 273, 276, 642 in model 251

Engine 272, 273, 629, 642 in model 164









Modification notes

07.11.2006	Bolt, rear engine crossmember to body	Engine 273 in model 164.8	BA22.10-P-1005-03G
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- 1 Bolts
- 2 Screw
- 3 Screw
- 4 Bolts
- 5 Bolts
- 6 Cross strut
- 7 Cross strut
- 8 Rear engine crossmember
- 9 Rear engine mount
- 9s Bolts
- 15 Transmission



P22.10-2200-12

 	Remove/install		
	Risk of death when working on component parts and systems with U >= 30 V alternating voltage (AC) or U >= 60 V direct voltage (DC)	Do not touch damaged or defective live component parts and lines or non-insulated electrical connections and lines.	AS00.00-Z-0035-01A
	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.	AS00.00-Z-0010-01A
	Notes on bolted connections with self tapping screws		AH00.00-P-0007-01SF
1	Remove transmitter key or Keyless-Go start and stop button	On model 164.195  Switch off ignition. Remove transmitter key and KEYLESS-GO stop button from vehicle and store outside of transmitter range (at least 2 m).  Perform operation steps 1 to 4 when removing the rear engine mount (9)	
2	Remove screw/bolt/bolts (5)	 Engine 272, 273, 629, 642 in model 164 Bolt/nut, rear engine mount to rear engine crossmember  Engine 272, 273, 276, 642 in model 251 Bolt, rear engine mount to rear engine crossmember	*BA22.10-P-1004-03G *BA22.10-P-1004-03F
3	Remove screws (9s) and remove rear engine mount (9)	 Engine 272, 273, 629, 642 in model 164 Screw/bolt, rear engine mount to transmission  Engine 272, 273, 276, 642 in model 251 Bolt, rear engine mount to transmission	*BA22.10-P-1003-03G *BA22.10-P-1003-03F
4	Support transmission (15) with transmission jack and transmission plate		

5	Lower transmission (15) somewhat with transmission jack and remove rear engine mount (9)	i Perform operation steps 5 to 8 when removing the rear engine crossmember (8)	
6	Remove screws (1) and remove cross strut (6)	Nm Bolt, left bracket to engine crossmember Nm Bolt, left bracket to transmission tunnel	*BA62.30-P-1003-01E *BA62.30-P-1004-01E
7	Remove screw/bolt (2)	Nm Bolt, right bracket to engine crossmember	*BA62.30-P-1001-01E
8	Loosen screw (3) and turn cross strut (7) to one side	Nm Bolt, right bracket to transmission tunnel	*BA62.30-P-1002-01E
9	Remove screws (4) and remove rear engine crossmember (8)	Nm Model 164 Bolt, rear engine crossmember to body Nm Model 251 Bolt, rear engine crossmember to body	*BA22.10-P-1005-03G *BA22.10-P-1005-03F
10	Install in the reverse order		

Nm Engine mount, engine support (engine side)

Number	Designation		Model 251
BA22.10-P-1003-03F	Bolt, rear engine mount to transmission	Nm	20

Nm Engine mount, engine support (engine side)

Number	Designation		Model 164
BA22.10-P-1003-03G	Screw/bolt, rear engine mount to transmission	Stage 1	Nm 20
		Stage 2	Nm -

Nm Engine mount, engine support (engine side)

Number	Designation		Model 251
BA22.10-P-1004-03F	Bolt, rear engine mount to rear engine crossmember	Nm	58

Nm Engine mount, engine support (engine side)

Number	Designation		Model 164
BA22.10-P-1004-03G	Bolt/nut, rear engine mount to rear engine crossmember	Nm	58

Nm Engine mount, engine support (engine side)

Number	Designation		Model 251
BA22.10-P-1005-03F	Bolt, rear engine crossmember to body	Nm	55

Nm Engine mount, engine support (engine side)

Number	Designation		Model 164
BA22.10-P-1005-03G	Bolt, rear engine crossmember to body	Nm	55

Nm Crossmember and front reinforcement

Number	Designation		Model 164	Model 251
BA62.30-P-1001-01E	Bolt, right bracket to engine crossmember	M10	Nm 45	45

Nm Crossmember and front reinforcement

Number	Designation		Model 164	Model 251
BA62.30-P-1002-01E	Bolt, right bracket to transmission tunnel	M10	Nm 45	45

Nm Crossmember and front reinforcement

Number	Designation		Model 164	Model 251
BA62.30-P-1003-01E	Bolt, left bracket to engine crossmember	M10 Nm	45	45

Nm Crossmember and front reinforcement

Number	Designation		Model 164	Model 251
BA62.30-P-1004-01E	Bolt, left bracket to transmission tunnel	M10 Nm	45	45