

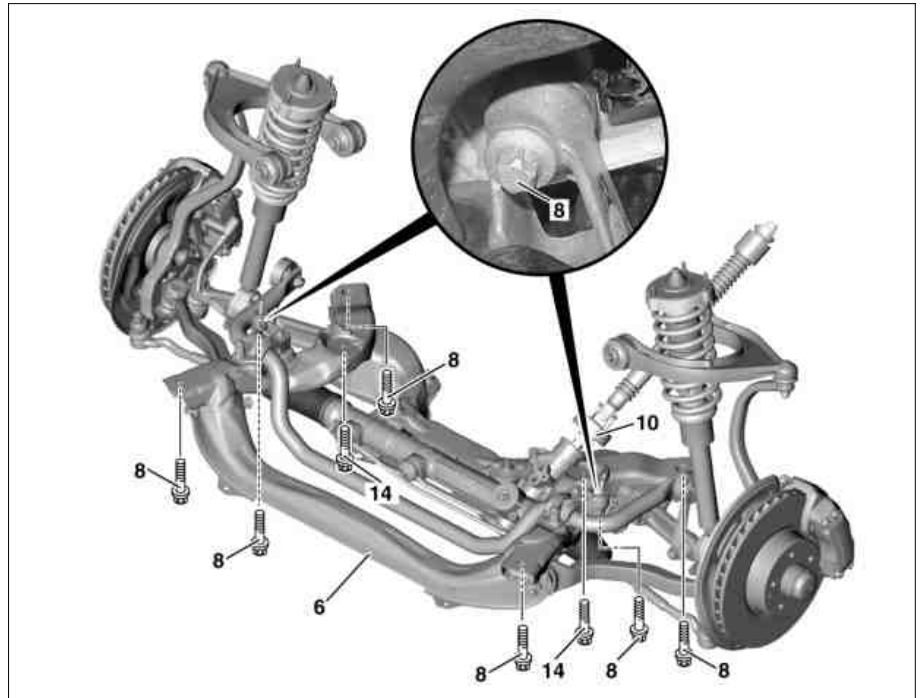
ENGINES 112.913 in MODEL 211.061 /261

ENGINES 112.949 in MODEL 211.065 /265

ENGINES 113.967 in MODEL 211.070 /270

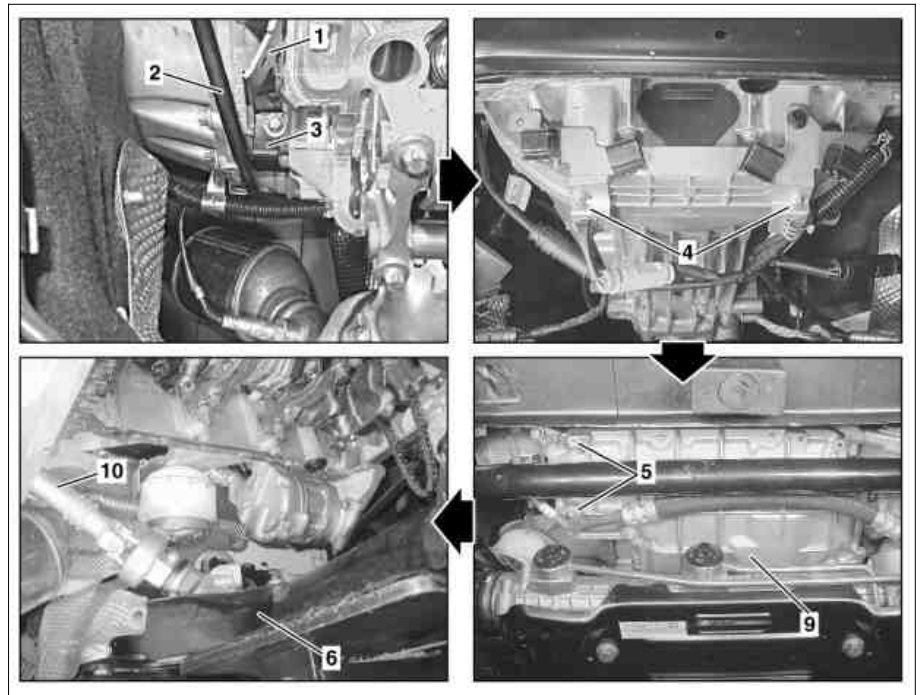
ENGINES 113.990 in MODEL 211.076 /276

- 6 Front axle carrier
- 8 Bolts
- 10 Lower steering shaft
- 14 Engine mount bolts


















P01.45-2092-06

- 2 Oil dipstick guide tube
- 4 Bracket
- 5 Bracket
- 6 Front axle carrier
- 9 Oil pan bottom section
- 10 Lower steering shaft



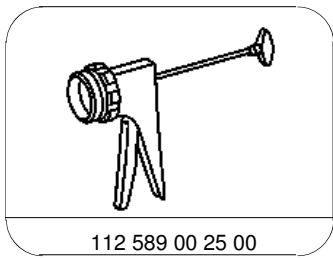
P01.45-2093-06

	<p>Remove/install</p>		
<p>⚠ Danger!</p>	<p>Risk of death caused by vehicle slipping or toppling off of the lifting platform.</p>	<p>Align vehicle between columns of vehicle lift and position four support plates at vehicle lift support points specified by vehicle manufacturer.</p>	<p>AS00.00-Z-0010-01A</p>
<p>⚠ Danger!</p>	<p>Risk of injury caused by moving parts that can pinch, crush or, in extreme cases, even sever extremities</p>	<p>No parts of the body or limbs should be within the operating range of the mechanism when moving components.</p>	<p>AS00.00-Z-0009-01A</p>
<p></p>	<p>Notes on self-locking nuts and bolts</p>		<p>AH00.00-N-0001-01A</p>
<p></p>	<p>Notes on bolted connections with self tapping screws</p>		<p>AH00.00-P-0007-01SF</p>

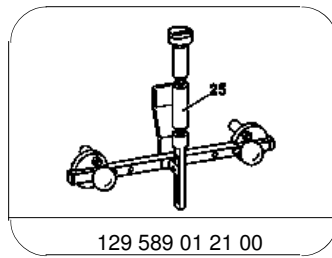
1	Deactivate easy entry/exit function	Vehicles with memory package (driver seat, steering column, mirrors) code 275	
2	Turn front wheels to straight-ahead position and secure steering wheel with  holding device.	 The steering wheel must not be turned when the steering coupling is detached, otherwise the clock spring contact will be destroyed. 	*129589012100
3	Remove oil pan bottom section (9)	Except model 211.076/276 Model 211.076/276	AR01.45-P-7555PV AR01.45-P-7555R
4	Disconnect electrical connector from SPS [PML] solenoid valve	Vehicles with speed-sensitive power steering, code 213 See "Remove rack-and-pinion steering".	AR46.20-P-0600T AR46.10-P-8000T
5	Remove steering coupling from bottom steering shaft (10)		
6	Support front subframe (6)		AR33.10-P-0100-03T AR32.25-P-1017TA
7	Remove suspension strut at front to spring control arms	Engine 113	
8	Remove bolts (8) from front axle carrier (6)	 The bolts are self-tapping, therefore the following is to be observed, in order to assure a proper function: <ul style="list-style-type: none"> ● Never re-tap thread in longitudinal member. ● When screwing in do not attach bolts at an angle ● Do not use an impact wrench. ● Observe tightening torque. 	
9	Lower front axle carrier (6)	 When lowering the front axle carrier (6) ensure that lower steering shaft (10) is not damaged, in order to assure a proper function.	
10	Remove bracket (4, 5) on oil pan top section		
11	Remove oil baffle for oil pan top section	Engine 113.990	
12	Detach the oil pan top section from the crankcase	 Installation: Observe different bolt lengths and diameters: ↓ Bolt plan for oil pan 	AR01.45-P-7500-06F *BA01.45-P-1001-01B
13	Remove oil pan top section	 Remove oil dipstick guide tube (2) upward.  Installation: Apply sealant to the sealing surface of the oil pan: ↓ Notes on application of sealant to oil pan: Engine 112 Engine 113  Loctite sealant 5970	AH01.45-P-0001-01PV AH01.45-P-0001-01R *112589002500 *BR00.45-Z-1013-01A
 			
	Clean		
14	Clean sealing surfaces on oil pan top section and on crankcase	 Do not use any sharp-edged tools or abrasive paper as this will damage the sealing surfaces. Loctite 7200 Cleaning spray, Loctite 7063 (150ml)	AR01.00-P-0050-01A *BR00.45-Z-1038-04A *BR00.45-Z-1046-04A
15	Install in the reverse order		
16	Perform wheel alignment check		AR40.20-P-0200T
 Danger!	Risk of accident caused by vehicle starting off by itself when engine is running. Risk of injury caused by contusions and burns during starting procedure or when working near the engine as it is running	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
17	Carry out engine test run, checking the engine for proper operation and leaks		

Oil pan

Number	Designation			Engine	Engine	Engine
				112.910/911/ 912/913/914/ 915/917/920/ 921/922/923/ 940/941/942/ 943/944/945/ 946/947/949/ 951/954/955/ 960/961/970/ 972/973/976	113.940/941/ 942/943/944/ 945/946/960/ 961/962/963/ 965/967/968/ 969/980/981/ 982/984/986/ 992/995	113.990
BA01.45-P-1001-01B	Bolt, oil pan to cylinder crankcase	M6	Nm	9	9	9
		M8	Nm	20	20	20



Squeeze gun



Holding device

Repair materials

Number	Designation	Order number
BR00.45-Z-1013-01A	Loctite sealant 5970	A 003 989 98 20
BR00.45-Z-1038-04A	Loctite 7200	Henkel Loctite Deutschland GmbH Arabellastrasse 17 81925 München Germany Tel. +49 899268-0 Fax + 49 899101978 www.Loctite.de
BR00.45-Z-1046-04A	Cleaning spray, Loctite 7063 (150ml)	A 001 986 71 71 10