

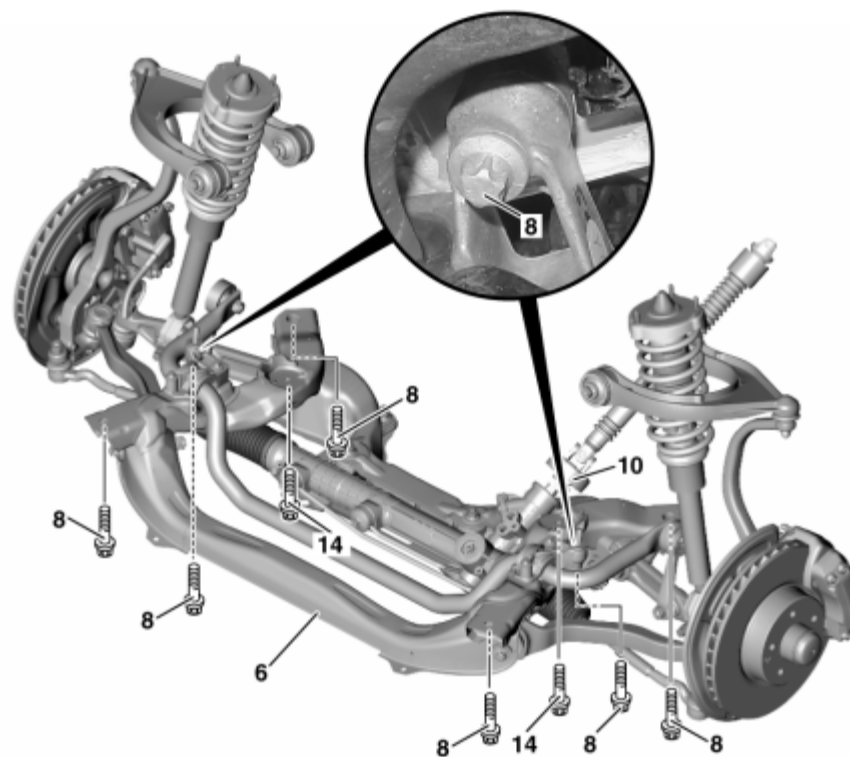
AR01.45-P-7500TV

Remove/install oil pan

21.11.05

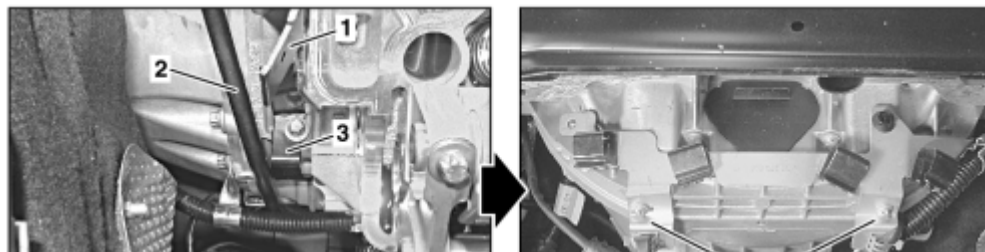
ENGINE 112.949 in MODEL 211.065  
 ENGINE 113.967 in MODEL 211.070  
 ENGINE 113.990 in MODELS 211.076 /276

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

















P01.45-2092-06





1 Bracket  
 2 Oil dipstick guide tube  
 3 Bracket  
 4 Bracket  
 5 Bracket of the high-pressure line  
 6 Front axle carrier  
 9 Oil pan bottom section  
 10 Lower steering shaft



P01.45-2093-06

	<b>Remove/install</b>		
 <b>Danger!</b>	<b>Risk of death</b> caused by vehicle slipping or toppling off of the lifting platform.	Align vehicle between the columns of the and position the four support plates below the lifting platform support points specified by the vehicle manufacturer.	<a href="#">AS00.00-Z-0010-01A</a>
 <b>Danger!</b>	<b>Risk of injury caused by moving parts that can pinch, crush or</b> , in extreme cases even <b>sever</b> extremities.	No parts of the body or limbs should be within the operating range of the mechanism when components are in motion.	<a href="#">AS00.00-Z-0009-01A</a>
 <b>Danger!</b>	<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 running engine	Secure vehicle to prevent it from moving by itself. Wear closed and snug-fitting work clothes. Do not grasp hot or rotating parts.	<a href="#">AS00.00-Z-0005-01A</a>
	Notes on self-locking nuts and bolts	All models	<a href="#">AH00.00-N-0001-01A</a>
1.1	Remove engine trim panel with integrated air filter	 Unclip covering on front side of engine.	
		 <b>Installation:</b> Slightly moisten the rubber retainers on the cylinder head covers and the sealing ring of the hot film mass air flow sensor in the air filter housing with sliding compound.	
		Liquid lubricant (Naphtolen H)	<a href="#">BR00.45-Z-1003-06A</a>
1.2	Remove air filter	Models 211.076/276	<a href="#">AR09.10-P-1150SVK</a>
2	Remove cable strap at dipstick guide tube (2)		
3	Dismount oil dipstick guide tube (2) at bracket (1, 3)		
4	Take out the oil dipstick guide tube (2)		
5	Remove bracket (4) on oil pan top section		

6	Support front subframe (6)		<a href="#">AR33.10-P-0100-03T</a>
7	Unscrew bolts at front axle carrier (8)	 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"> <li>● Never recut thread in longitudinal member.</li> <li>● Replace bolts.</li> <li>● Use original bolts only.</li> <li>● Do not hold bolts at an angle when screwing in.</li> <li>● Do not use an impact wrench.</li> <li>● Pay attention to tightening torque.</li> </ul>	
8	Lower front axle carrier (6)	 When lowering the front axle carrier (6) ensure that the lower steering shaft (10) is not damaged, in order to assure a proper function.	
9	Remove oil pan bottom section (9)	Models 211.065/070	<a href="#">AR01.45-P-7555PV</a>
		Models 211.076/276	<a href="#">AR01.45-P-7555R</a>
10.1	Unscrew oil baffle of oil pan top section	Models 211.076/276	
11	Dismount oil pan top section	 <b>Installation:</b> Observe different length of screws and different screw diameter: ↓	
		Screw diagram of oil pan	<a href="#">AR01.45-P-7500-06F</a>
		 Bolt of oil pan to crankcase	<a href="#">BA01.45-P-1001-01B</a>
12	Remove oil pan top section	 Remove the upper section of the oil pan with oil dipstick guide tube (2) towards the rear.	
	Notes on application of sealant to oil pan	Engine 112.949	<a href="#">AH01.45-P-0001-01PV</a>
	Notes on application of sealant to oil pan	Engines 113.967/969	<a href="#">AH01.45-P-0001-01R</a>

		 <b>Installation:</b> Replace Gasket of oil dipstick guide tube (2), in order to preclude leakage.	
		 <b>Installation:</b> Observe application of sealing compound to oil pan top section.	
		Loctite sealant 5970	<a href="#">BR00.45-Z-1015-01A</a>
13	Install in the reverse order		
14.1	Check engine oil level	Engine 112.949 in model 211	<a href="#">AR18.00-P-3035-01A</a>
		Engine 113.967 in model 211	<a href="#">AR18.00-P-3035-01CC</a>
		Engine 113.990 in model 211 AMG	<a href="#">AR18.00-P-3035-01O</a>
		 Oil dipstick	<a href="#">120 589 07 21 00</a>
14.2	Check engine oil level	Perform adjustments to the control system	<a href="#">AR54.30-P-1000-02OPT</a>
15	Run engine and inspect for leaks		
16	Check headlamp adjustment and correct if necessary		
	Check and correct headlamp setting		<a href="#">AP82.10-P-8260T</a>

**Nm** Oil pan

Number	Designation			Engines 112.949/954	Engines 113.967/969	Engine 113.990
BA01.45-P-1001-01B	Bolt, oil pan to crankcase	M6	Nm	9	9	9
		M8	Nm	20	20	20



120 589 07 21 00

Measuring rod

**Auxiliary repair materials**

<b>Number</b>	<b>Designation</b>	<b>Order number</b>
BR00.45-Z-1015-01A	Loctite sealant 5970	A 003 989 98 20 10
BR00.45-Z-1003-06A	Liquid lubricant (Naphtolen H)	000 989 01 60