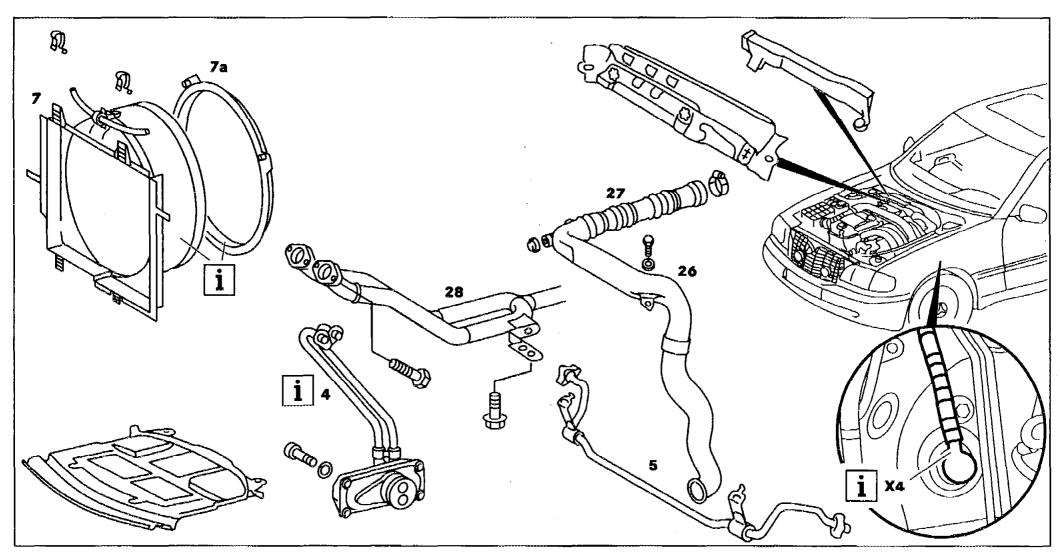
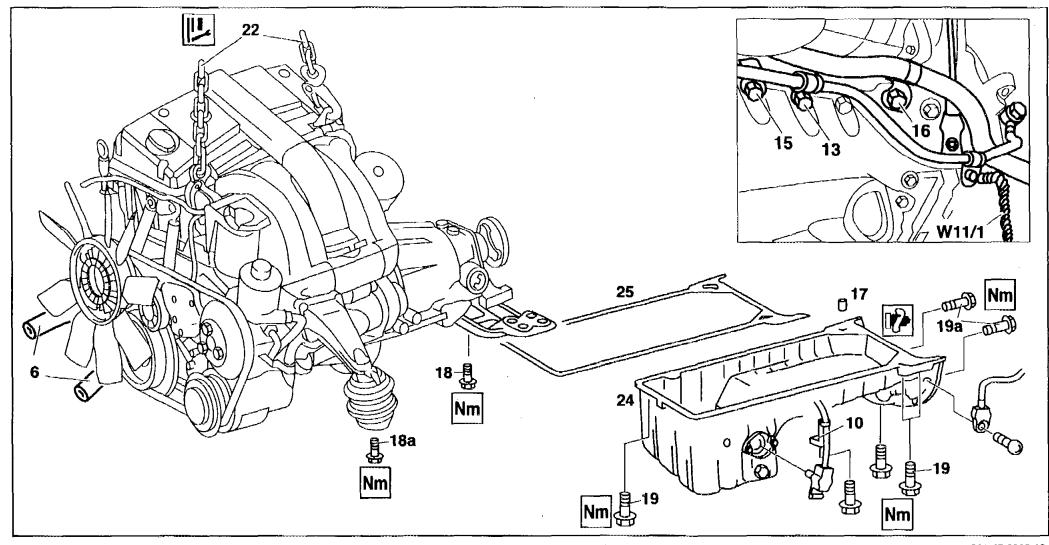
J10 AR01.45-P-7500HA Removing, installing oil sump

2.4.93

ENGINE 605, 606 in MODEL 124 ENGINE 601, 604, 605 in MODEL 202





P01.45-0205-09

X	Removing, installing		
1.1	Disconnect charge air hose (27) at pressure	Engine 605.960	AR09.41-P-1311H
	regulator housing		

2.1	Unbolt charge air pipe (26) at radiator	Engine 605.960	AR09.41-P-1311H	
Detach fan shroud (7) or fan shroud rine (7a) from fixtures and place over fan		i Installation on engine 604/605 ↓		
		Adjust fan shroud	AR20.40-P-6800-01HA H16	
4	Remove oil-water heat exchanger (4) at the oil sump	Model 124 with oil-water heat exchanger at oil sump Model 202 up to 06.94, with oil-water heat exchanger in oil sump. Drain coolant and engine oil for this step	AR18.30-P-3480HA	
5	Remove torsion bar (5) of front suspension	Model 124 Model 202	32-300 AR32.20-P-0300C	
6.1	Disconnect ground cable at battery	Model 202	AR54.10-P-0003A	
7.1	Unbolt electric cable of starter	Engine 601,604,605 in model 202 Unbolt cable at terminal block (X4) in left footwell		
8	Remove bolts of engine mounts (18, 18a)	Nm BA22.10-P-100 BA22.10-P-100		
9.1	Unbolt exhaust (28) at exhaust manifold and transmission intermediate bearing	Engine 604, 605 AR49.10-P-700		

10	Remove bolts of oil sump (19, 19a)	i Installation:	
	· · · · · · · · · · · · · · · · · · ·	Pay attention to bracket (10) for electric	
		cable of oil level sensor and attachment of	
		ground strap at transmission bell.	
		If automatic transmission (code 420a, 425a)	
		fitted, pay attention to bracket for ATF	
		lines (13) and transmission wiring harness	
		(15, 16)	
		Pay attention to different lengths and	
		diameters of bolts ↓	
		Engine 604, 605, 606 bolt diagram of oil	AR01,45-P-7500-06HA J16
		pan	
		Align oil sump (24) to rear contact surface	
		at transmission.	
		If the oil sump is not aligned to the	
		transmission, this can result in noise and	
		vibration problems.	
		Nm Nm	BA01.45-P-1001-01A
		Nm	BA01.45-P-1002-01A
11	Raise engine		AR01.10-P-7500-03HA A15



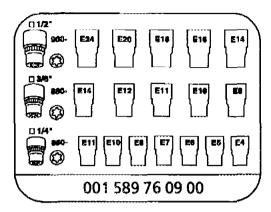
12	Remove oil sump (24) together with oil sump gasket (25)	Ensure that the injection line is not damaged when attaching the front engine lifting eye! Do not apply any tensile load to the coolant hoses; detach radiator from its fixtures, if necessary. I Model 202: If long oil baffle at oil sump, the oil pump has to be removed when oil sump drained ↓ Remove oil pump Take oil sump out downward in direction of travel; rotate crankshaft slightly for this step, if necessary. If automatic transmission fitted, press the ATF lines slightly to the side. Clean contact surfaces of the oil sump. Replace gasket of oil sump (25). I Installation: Fix gasket of oil sump (25) onto crankcase with grease if necessary. Pay attention to dowel sleeve (17)! If the oil sump is replaced, attach oil level sensor with self-tapping screws.	AR18.10-P-6020HA
13	Install in the reverse order	3	001 589 76 09 00

Nm Oil sump

Number	Designation			Engine 601, 602 except 602.98, 603 except 603.913/963	Engine 604, 605, 606
BA01.45-P-1001-01A	Bolt of oil sump to crankcase	М6	Nm	10	10
		M8	Nm	25	25
		M10	Nm	40	_
BA01.45-P-1002-01A	Bolt of transmission bell to oil sump		Nm	_	40

Engine suspension, engine mounts, engine carrier

Number	Designation		Engine 604, 605 in model 202	Engine 605, 606 in model 124
BA22.10-P-1002-01D	Bolt of rear engine mount to rear engine crossmember	Nm	25	25
BA22.10-P-1008-01D	Bolt of engine mount to frame crossmember	Nm	25	40



External torx set

Commercially available tools

Number	Designation	Make (e.g.)	Order number
WH58.30-Z-1001-06A	6 mm wrench hexagon on flexible shaft for hose clips with worm drive	Hazet Güldenwerther Bahnhofstraße 25-28 D-42857 Remscheid	426-6
WH58.30-Z-1002-06A	7 mm wrench hexagon on flexible shaft for hose clips with worm drive	Hazet Güldenwerther Bahnhofstraße 25-28 D-42857 Remscheid	426-7
WH58.30-Z-1001-07A	Engine hoist (self-locking)	Bäcker Herderstraße D-42853 Remscheid	3188

Commercially available tools

Number	Designation	Make (e.g.)	Order number
WH58.30-Z-1002-07A	Shackle		C1 DIN 82101