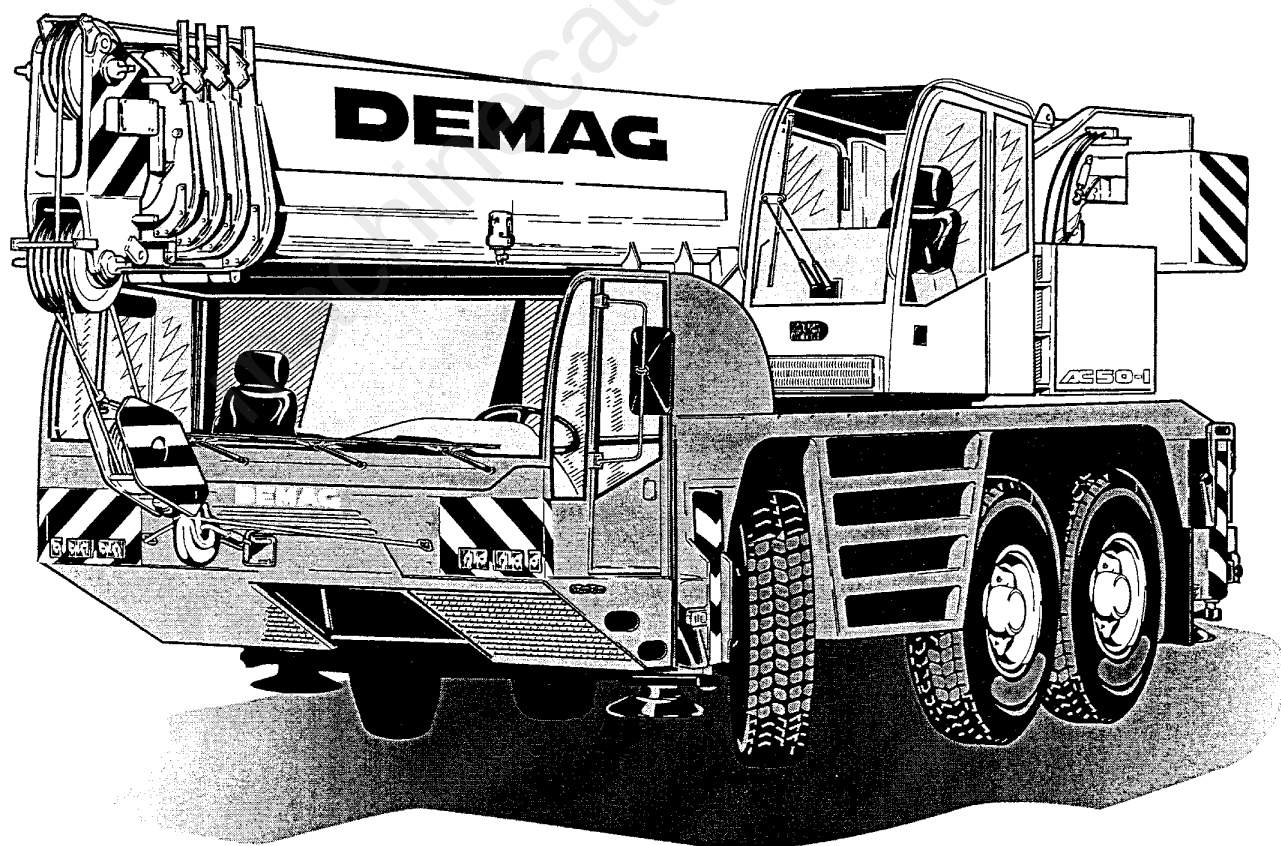


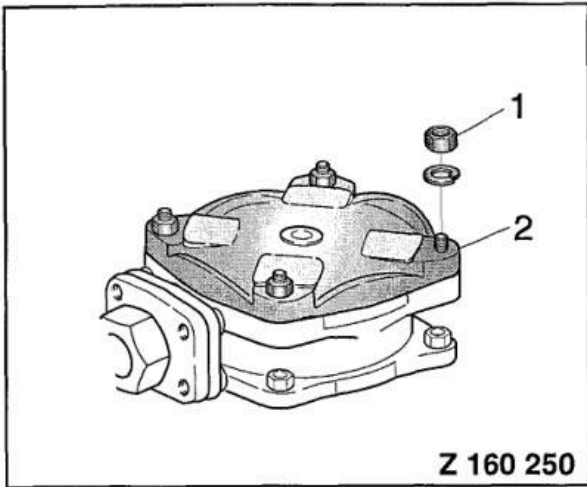
AC50-I

Part 3

Lubrication and Maintenance Instructions for the Crane

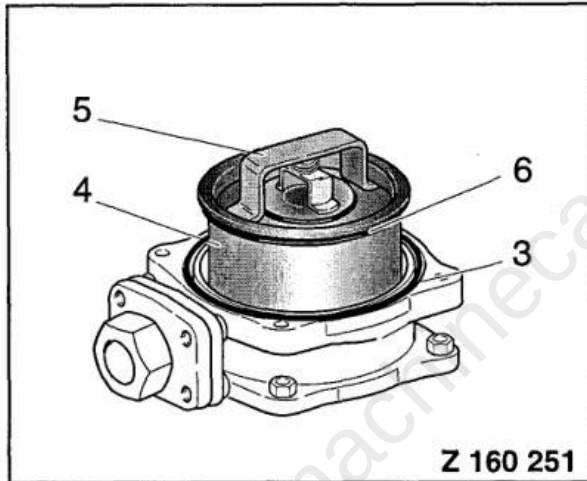


No.:	Work to be carried out	Fuel/ Lubricants	Interval / Kilometres driven								as necessary
			Daily	50	500	1.000	5.000	10.000	20.000	40.000	
9	Steering										
9.1	Steering componets			1x				x			
9.2	Lubricate the steering componets	Sec. 2.9				1x	x				
9.3	Replacing the hoses										every 4 years
9.4	Lubricating Independent Rear Axle Steering	Sec. 2.14									every 3 months
10	Braking system										
10.1	Check brake lining for wear				1x	x					at least once a week
10.2	Renew brake linings										x
10.3	Replace brake drums										x
10.4	Perform brake function check							x			
10.5	Check expanding cylinder									x	min. once every 2 years
10.6	Replace other brake parts				x					x	min. once every 2 years
10.7	Air drier - replace granulate cartridge										min. once every 2 years
10.8	Drain water from the air tank				x						at least once a year
11	Wheels and Tyres										
11.1	Tighten the wheel nuts (after a wheel change)			1x			1x	x			
11.2	Check the tyres		x								



Z 160 250

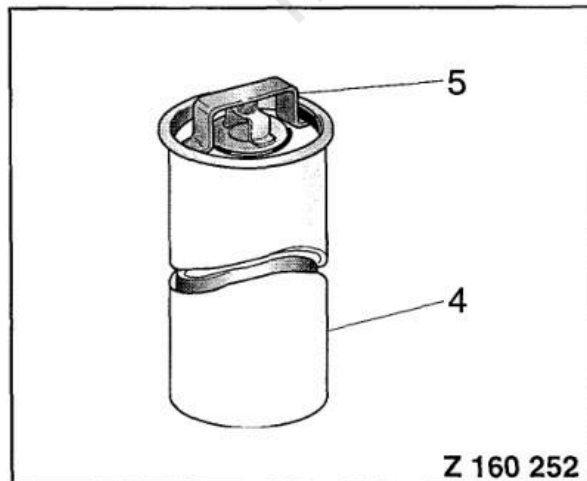
- Return oil filter 2
- Loosen the hexagon nuts (1) with wrench SW 17 and remove them together with the spring washers. (Z 160 250)
- Then remove the filter cover (2) while paying attention to the sealing ring (Z 160 251, item 3) situated underneath.



Z 160 251

- While paying attention to the O-ring (6), pull the filter unit (4) out of the head piece by means of the handle (5). (Z 160 251)

 It is advisable to set the filter unit down on the head piece until the oil in the filter has run out via the paper elements.



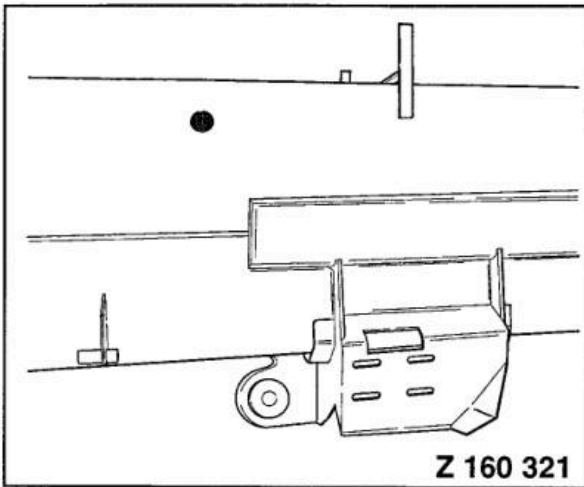
Z 160 252

- Place the filter unit (4) on a solid base, press the handle (5) downwards and return it approximately 60° to the left or the right.
- Remove the handle (5) with the attached valve, clean the latter in diesel oil or petroleum ether and place it on a clean base. (Z 160 252)

24 Equipment

24.1 Main Boom - Lubricating the Linings

The upper guideways of the boom sections are lubricated via the lubricating nipples situated in the upper bearing. (Z 160 321)



Z 160 321

The basic boom section and the boom section each have a lubricating opening on the left and right-hand side. Extend the telescopic sections of the horizontally positioned boom so that the linings of the smaller boom section can be lubricated through the opening in the larger boom section.

Commence with the first boom section.

 One lubricating nipple must be smeared on either side of each boom section.

(Z 160 322)



Switch off engine as otherwise there is the danger of crushing



Z 160 322

Full Version Available

Demag AC 50-1 All Terrain Crane Maintenance Manual

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