

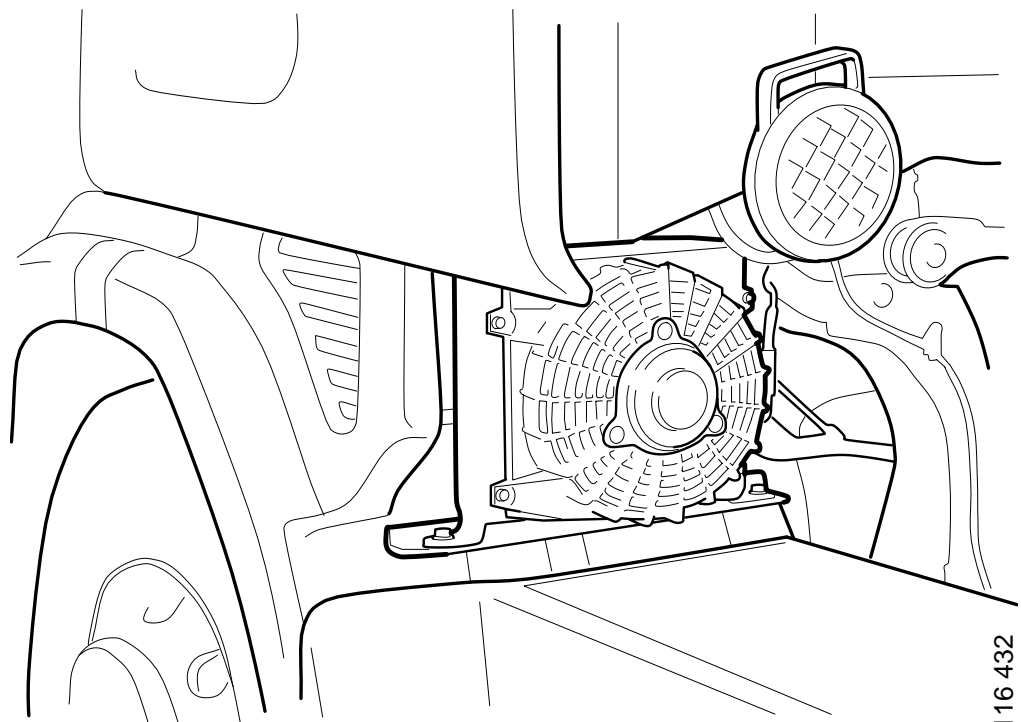
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# Oil cooler for gearbox GRS920

## Function and Work Description



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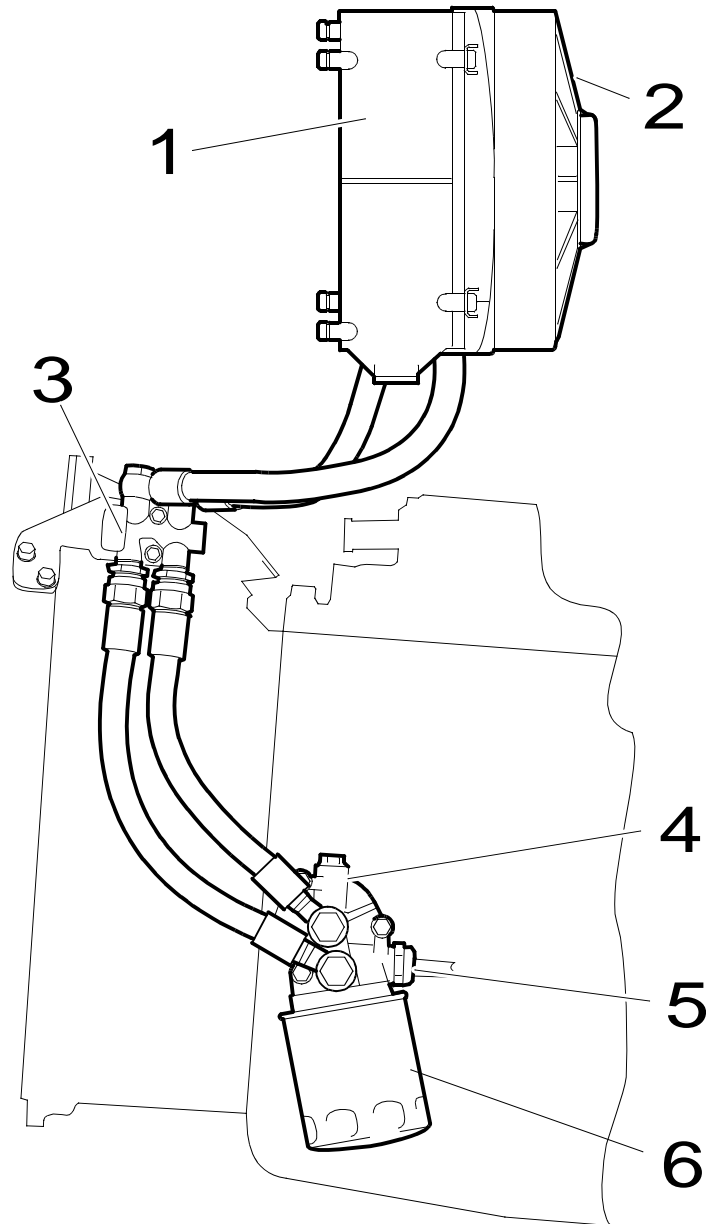
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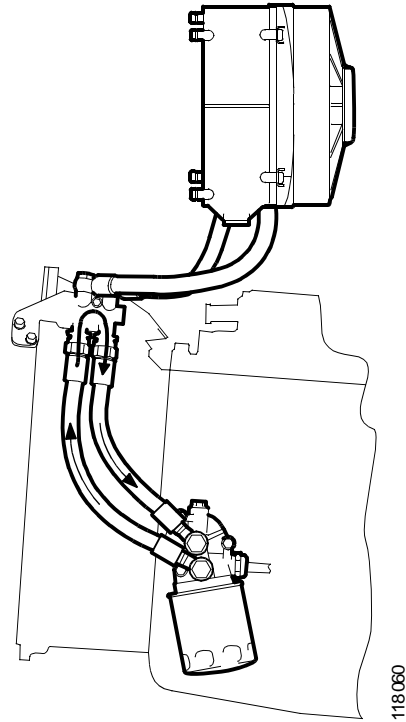
# Function Description



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- 1 Oil cooler
- 2 Oil cooler fan
- 3 Thermostat
- 4 Safety valve
- 5 Temperature monitor
- 6 Oil filter

The gearbox oil passes through the oil filter to a thermostat located on the left side of the clutch housing, and back to the filter.

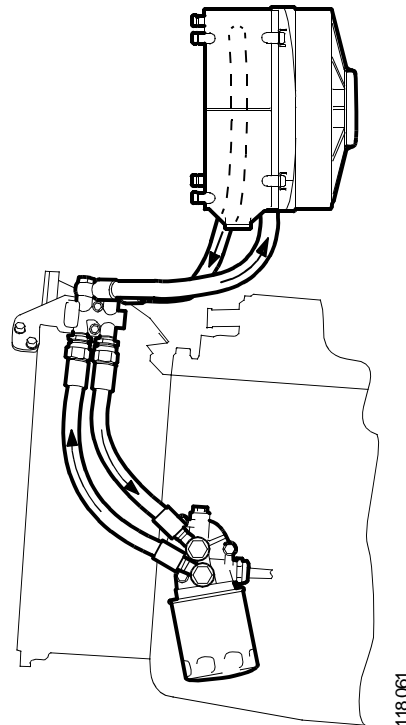


When the gearbox oil temperature exceeds  $70^{\circ}\text{C}$  the thermostat opens allowing the oil to pass to the oil cooler located at the left front mudguard.

An oil cooler fan is located on the oil cooler. The oil cooler fan is controlled by a temperature monitor located on the filter housing.

When the gearbox oil temperature exceeds  $87^{\circ}\text{C}$  the switch in the temperature monitor closes and the oil cooler fan is switched on.

When the gearbox oil temperature has dropped to  $82^{\circ}\text{C}$ , the oil cooler fan is switched off.



If there is a blockage in the oil cooler or the thermostat, the safety valve opens and the oil returns unfiltered to the gearbox.

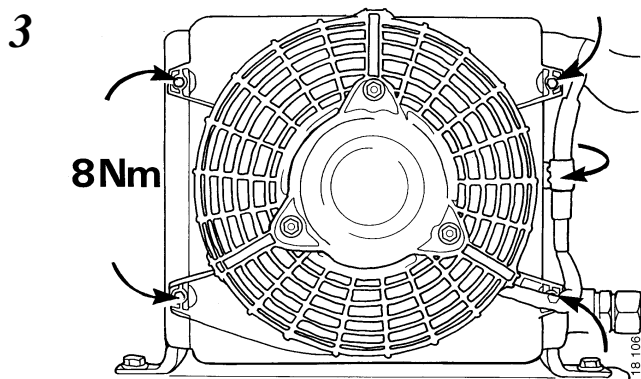
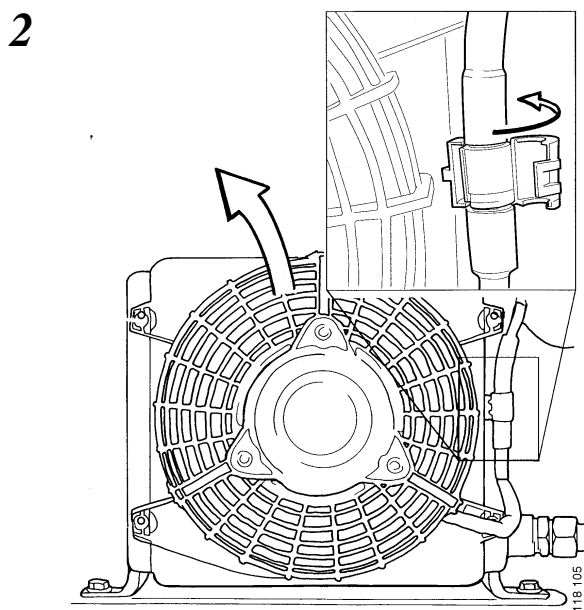
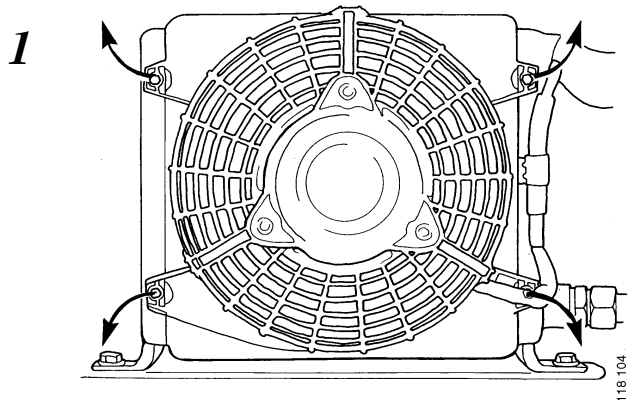
The oil filter has an integrated safety valve which opens if the filter is blocked.

The oil cooler holds approximately 2 litres of oil.

When changing gearbox oil, the oil cooler is not drained.

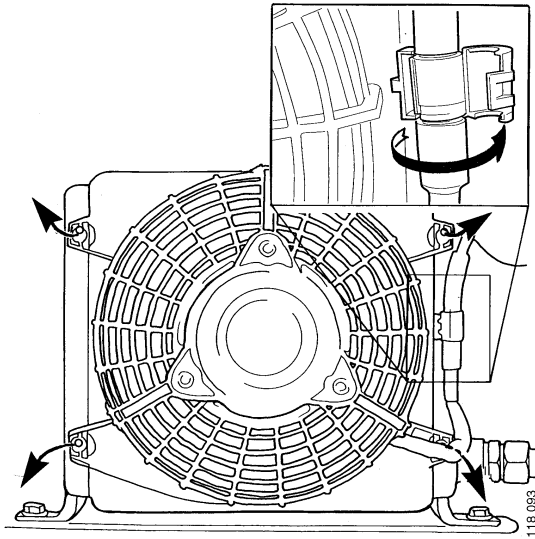
# Work Description

## Renewal of oil cooler fan

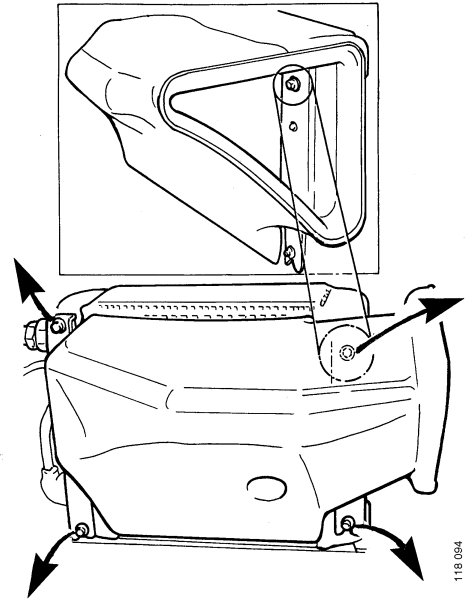


# Renewal of oil cooler

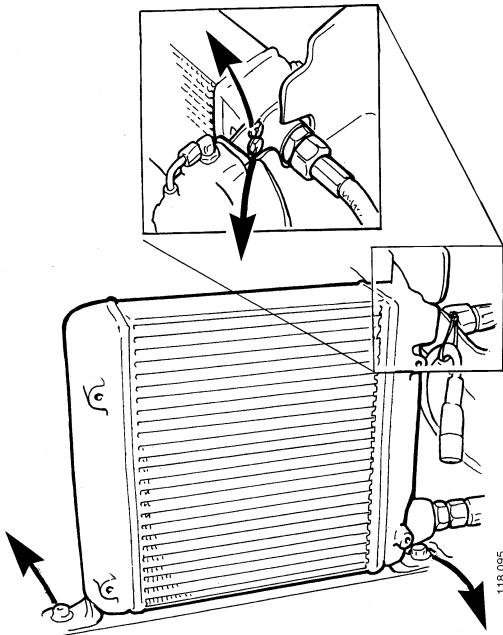
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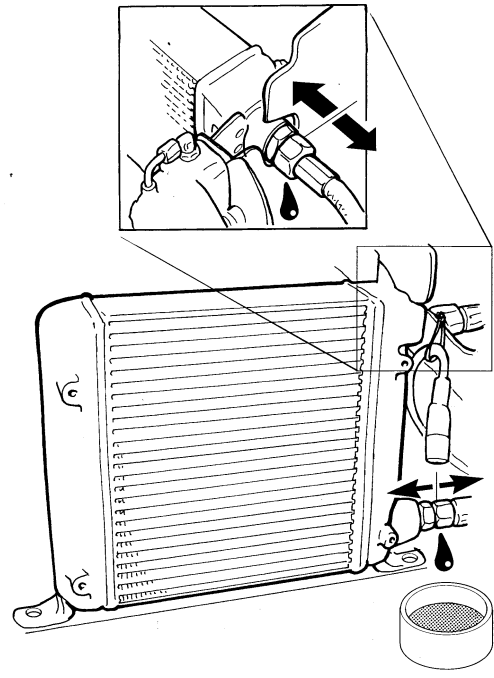
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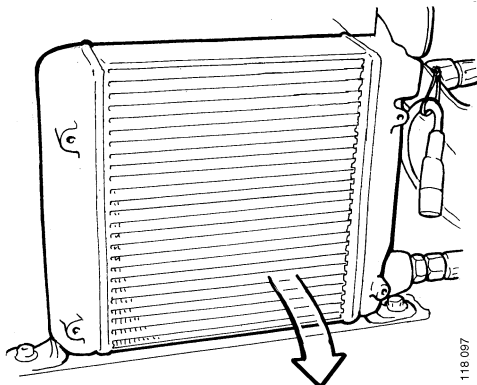
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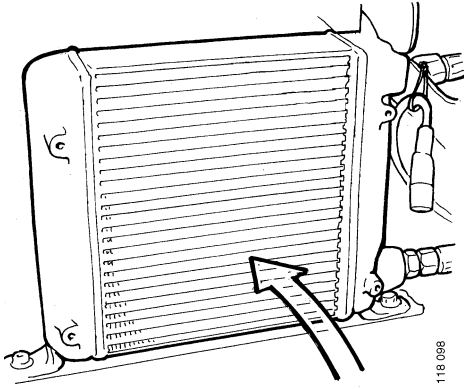
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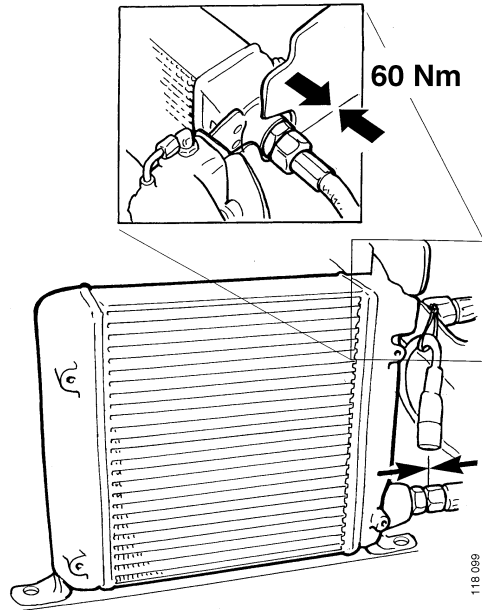
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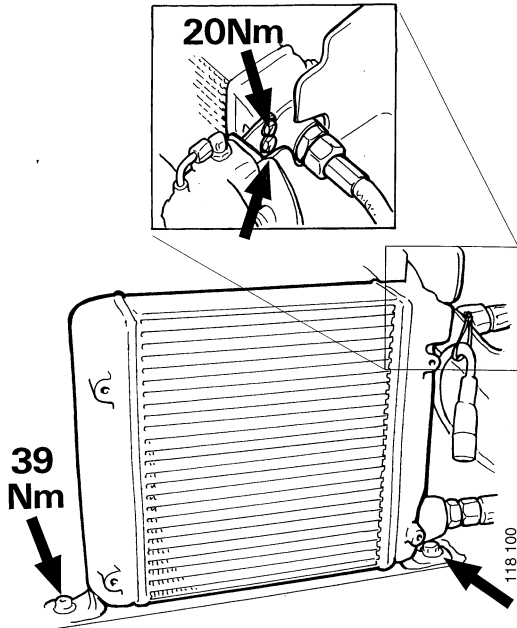
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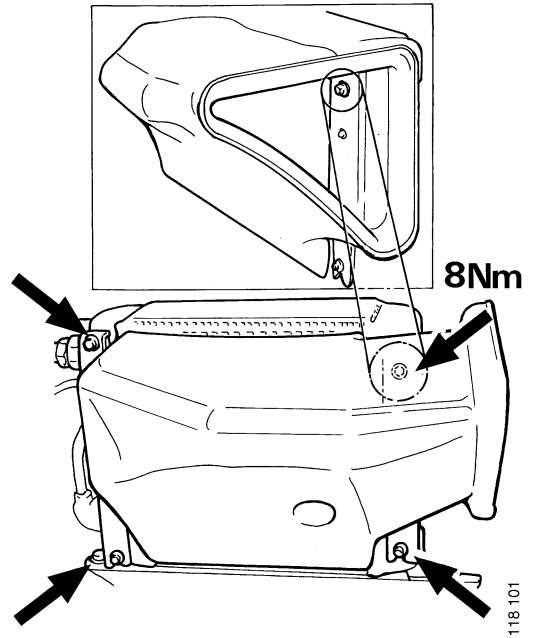
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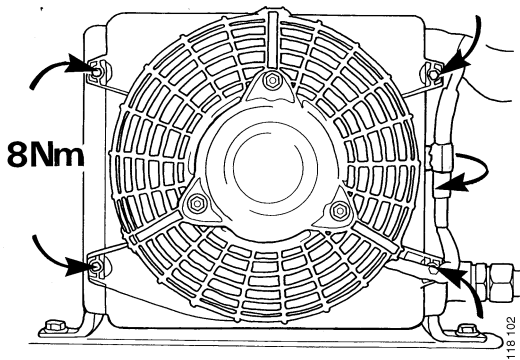
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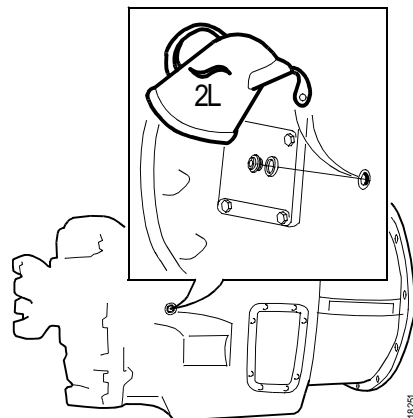
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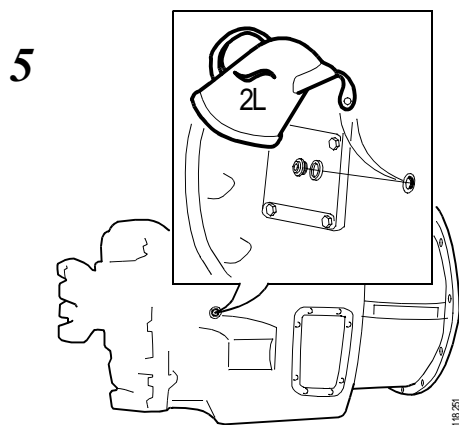
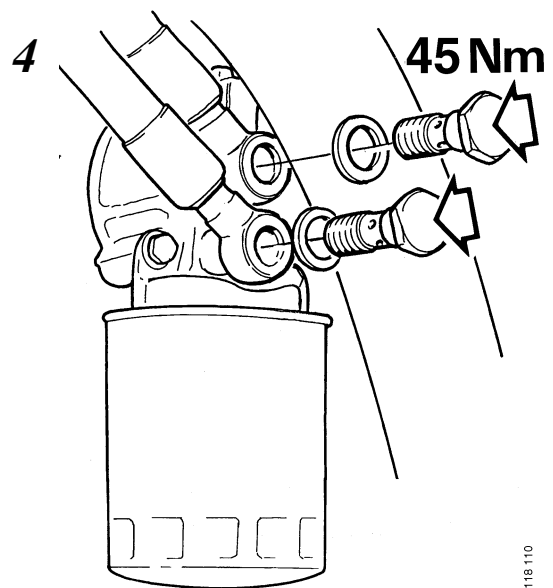
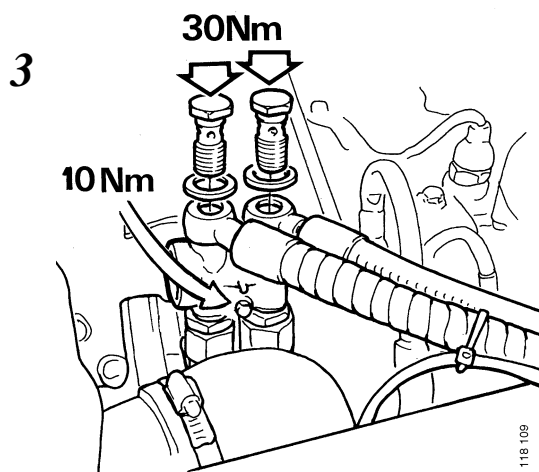
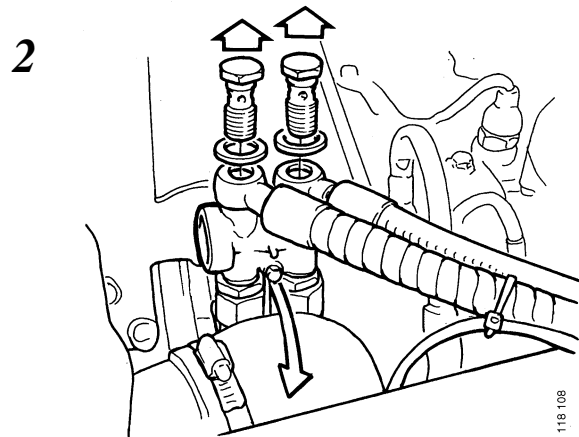
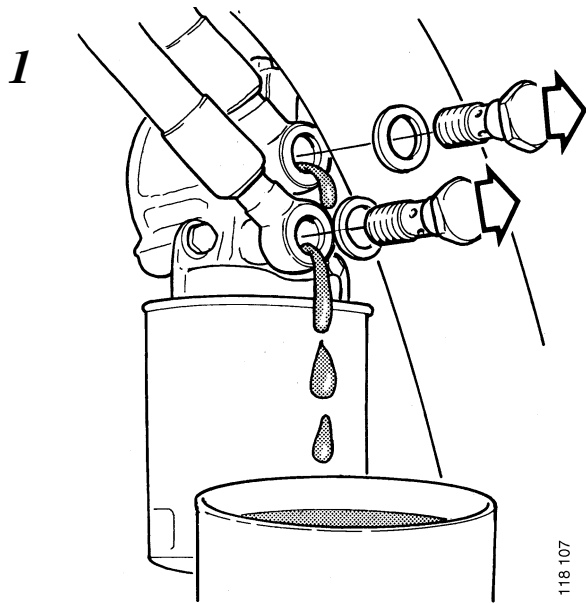
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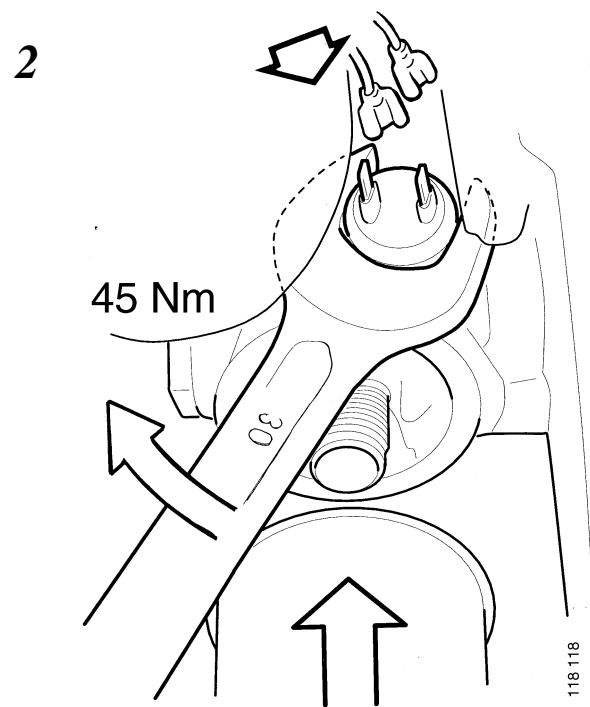
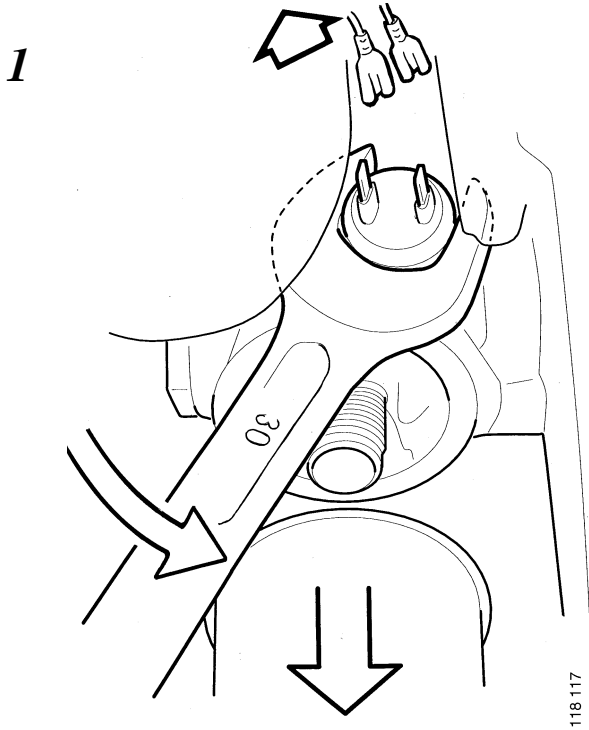
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# Renewal of thermostat



## Renewal of temperature monitor



# Connection diagram

