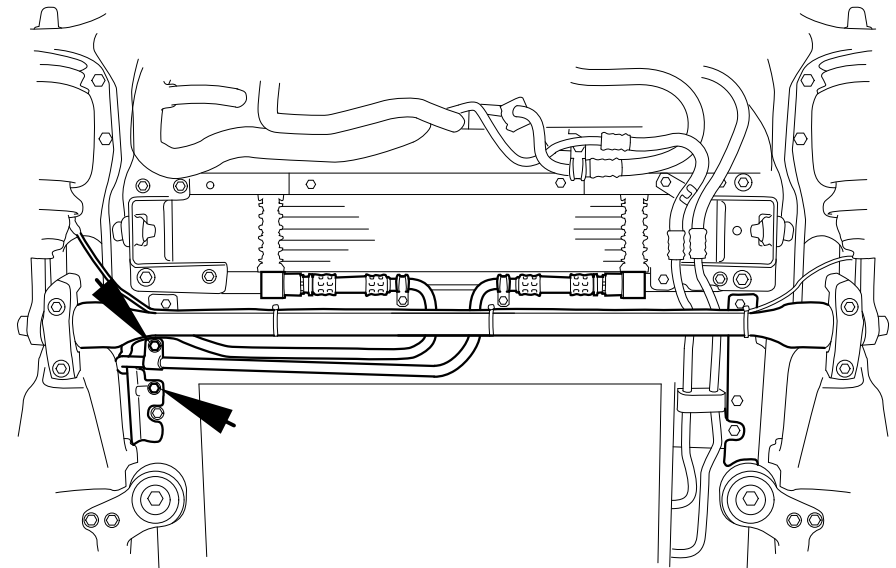


## Work description

### Pipe between gearbox and air cooled oil cooler

#### Front part

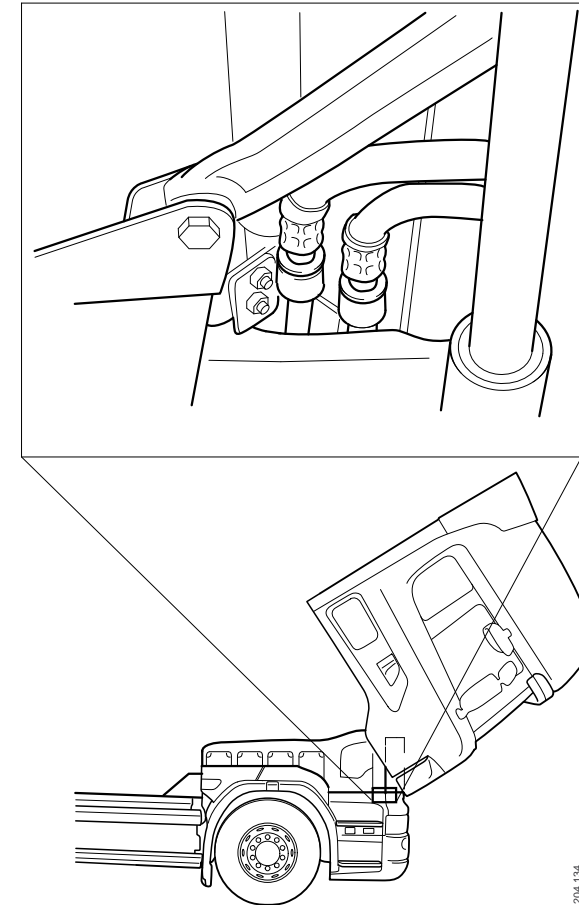
1. Put the vehicle on wheel lifts or use another secure method.
2. Open the upper and lower front grille panels.
3. Drain the cooling system.
4. Remove the shielding net.
5. Remove the recirculation shield which is fitted over the pipe bracket.
6. Tilt the cab and secure it using cab strut 99 431.



*Removing the recirculation shield*

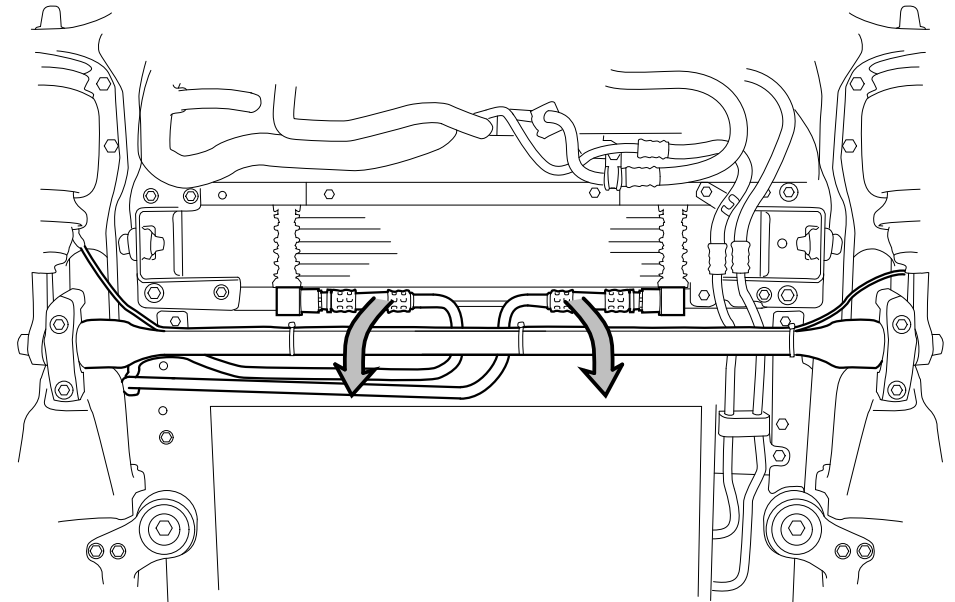
204 063

7. Detach the quick release couplings fitted on the right-hand side of the cooling package, see section Quick release couplings. Collect fluid in a suitable container.



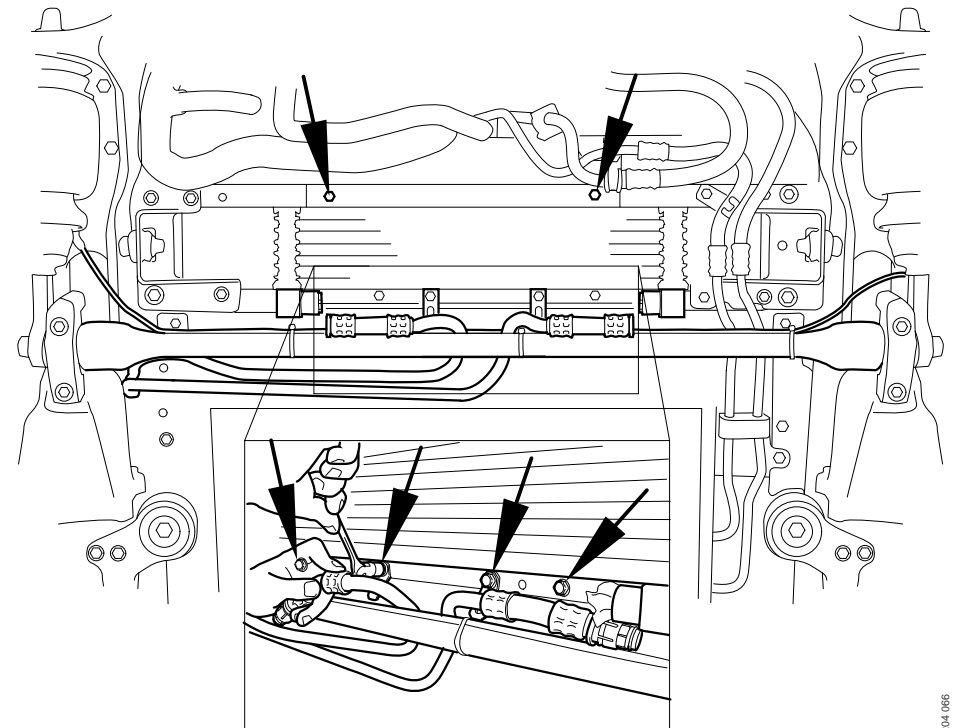
204 134

8. Move the pipes to one side in order to access the lower retaining screws.



204 065

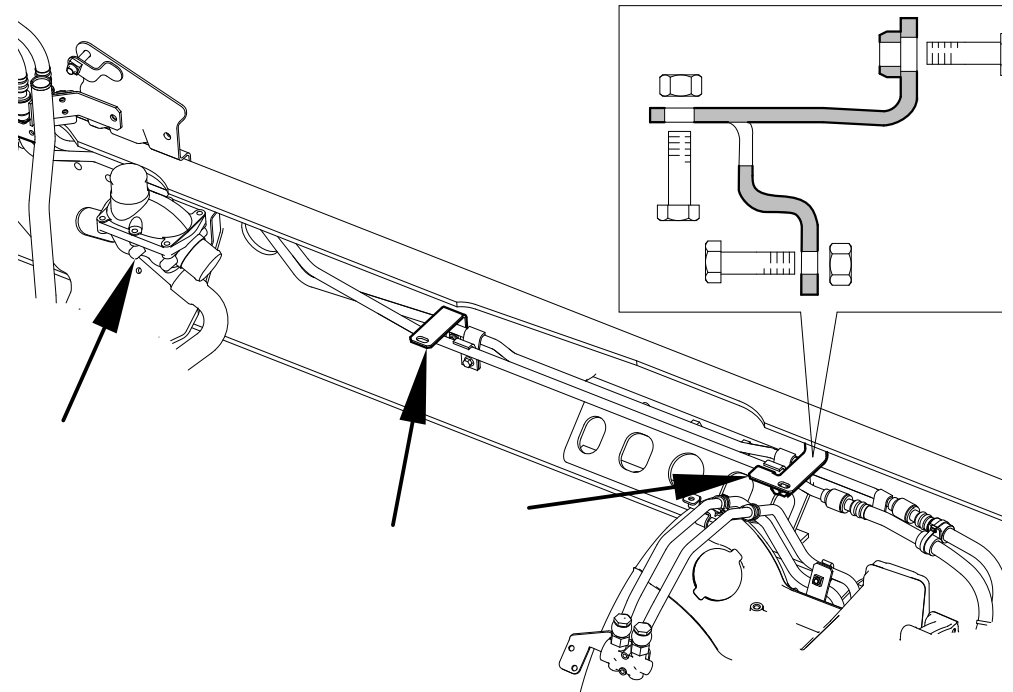
9. Remove the retaining screws and remove the air cooled oil cooler.



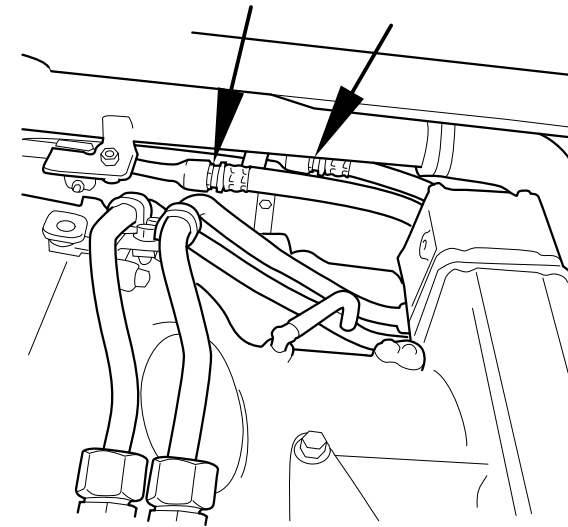
204 066

## Centre part

1. Remove the noise shields underneath the engine.
2. Undo all the pipe brackets for the air cooled oil cooler circuit along the frame member. Remove the rear bracket.
3. Remove the thermostat housing.

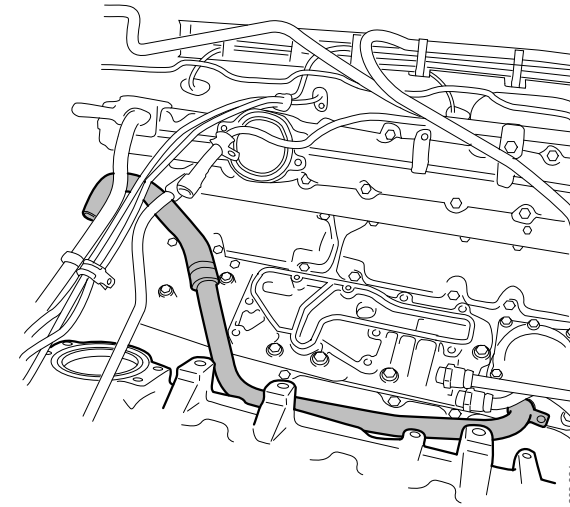


4. Angle out the pipes at the rear and disconnect the quick release couplings using the procedure described earlier. The upper quick release coupling is hidden under the retarder cooler pipe. Angle the pipe out as far as possible to make it easier to gain access to the quick release coupling.
5. Prise out the pipes, one at a time.



## Rear part

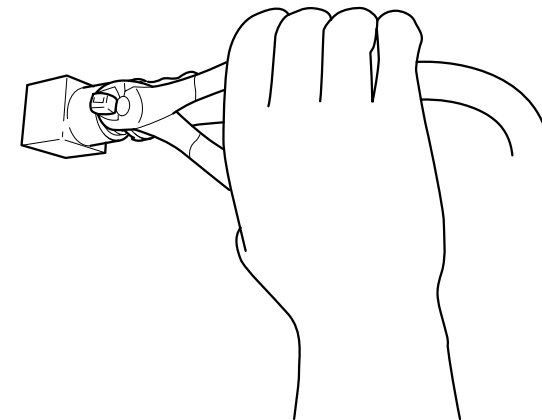
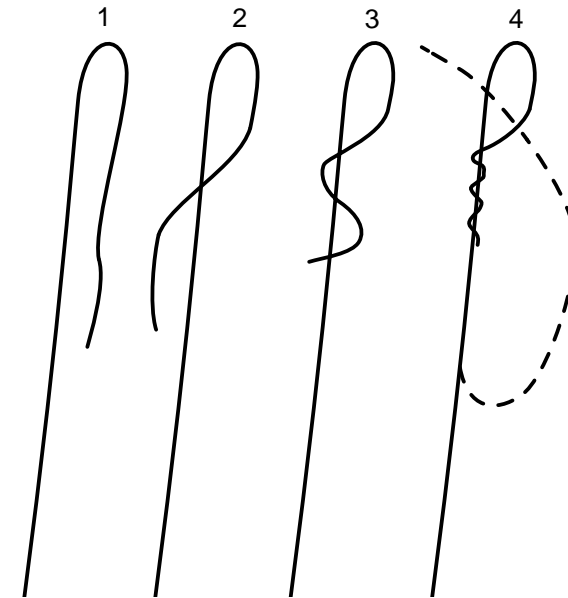
1. Detach the pipe brackets from the coupling housing.
2. Disconnect the pipe connections in the thermostat housing and remove the pipes.



## Quick release coupling

1. Clean the area around the quick release coupling.
2. Make a loop from a piece of steel wire.

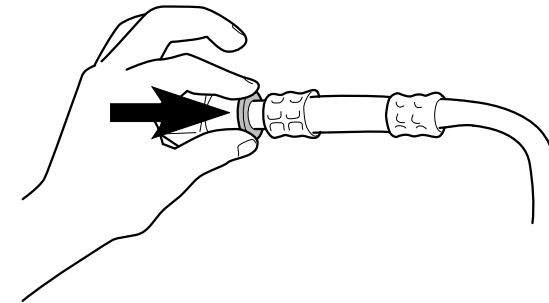
3. Cut off the cable ties locking the locking ring.



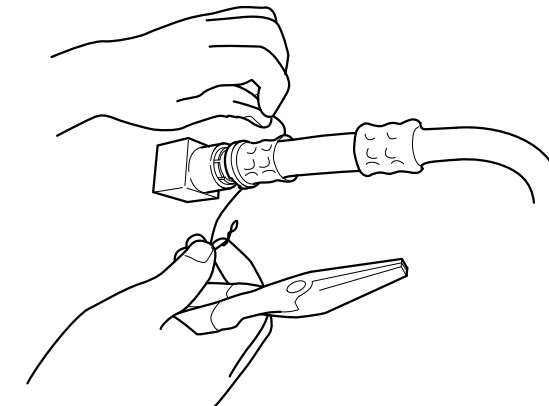
204 135



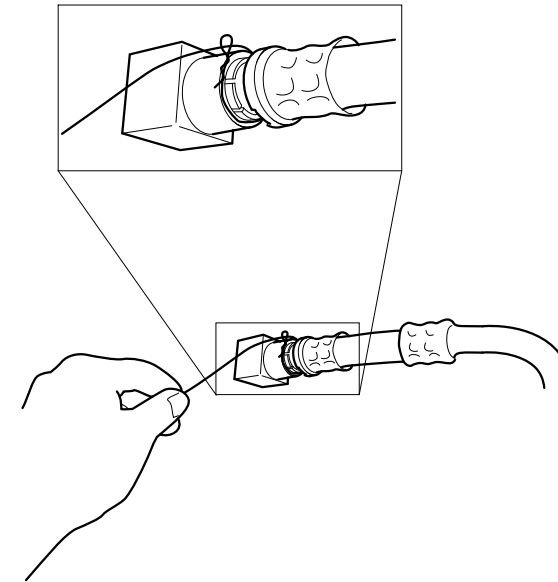
4. Detach the retaining ring by pulling it away from the coupling.



5. Fit the loop.

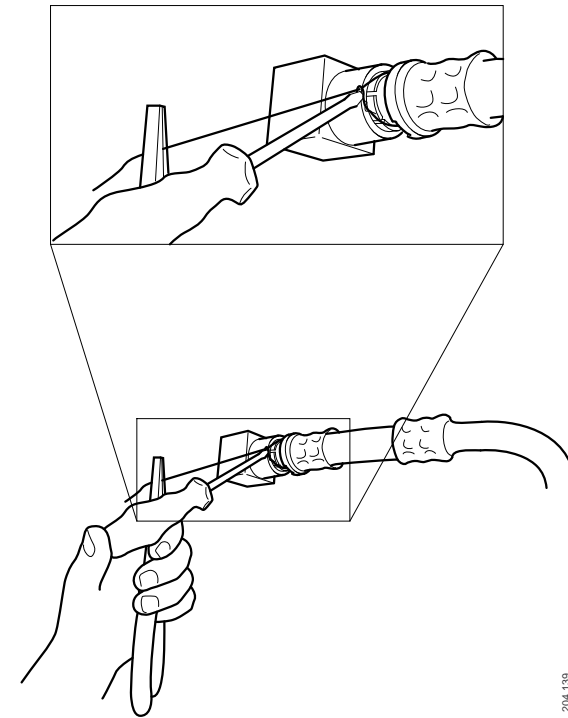


6. Tighten the loop well.



204 138

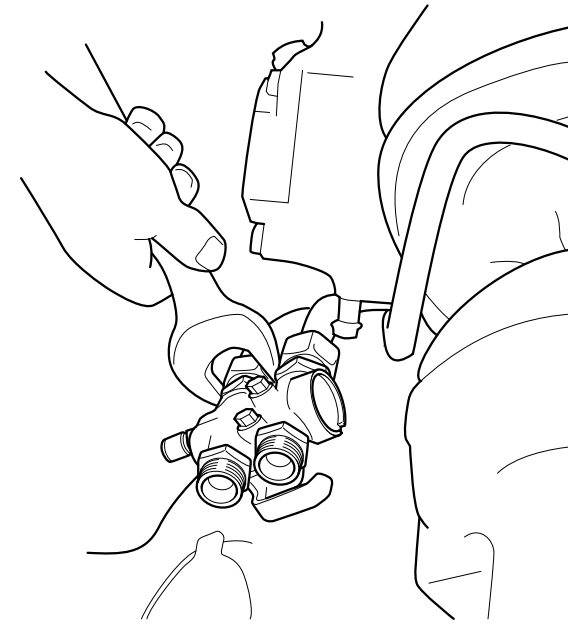
7. Use a screwdriver to press on the latch lug which is below the eye on the loop to release it.
8. Pull out the quick release coupling.



204 139

## Thermostat in oil cooler circuit

1. Detach the pipe connections on the gearbox side.
2. Remove the thermostat housing in the oil cooler circuit.



204 144