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The present section contains the following disassembly sequences:

- A) Disassembling the gearbox oil radiator
- B) Disassembling the gearbox oil circuit pipes
- C) Disassembling the temperature regulator



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## A) Disassembling the gearbox oil radiator

### Preliminary operations

- Raise the vehicle on the car lift (000000).
- Disassemble the right rear wheel (060103).
- Disassemble the rear wheel arch (082103).

### Disassembling the radiator

1. Loosen the 4 screws (A-Fig. 1) securing the two radiator mounting brackets (B-Fig. 1) to the chassis.



#### Note

Position a suitable container to collect the gearbox oil.

2. After releasing the radiator, disconnect the two gearbox oil circuit pipes (C-Fig.1).
3. Remove the radiator including the air conveyors (D-Fig.1).

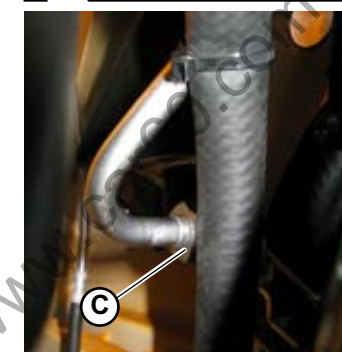
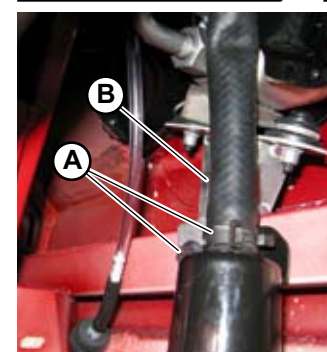
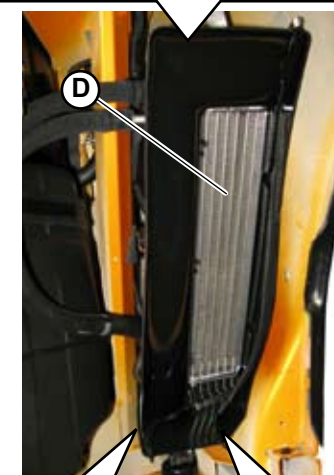
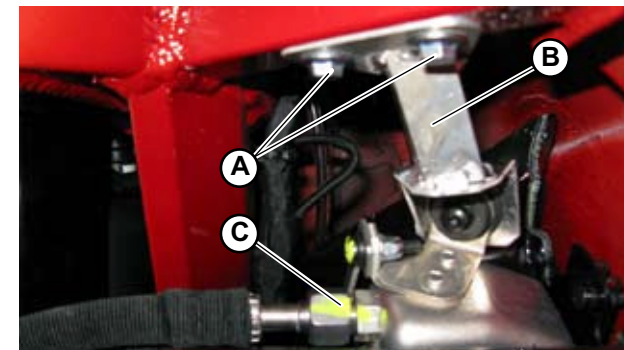


Fig.1



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4. Loosen the specific 5 screws (**G-Fig.2**) to remove the front conveyor (**E-Fig.2**) and the rear conveyor (**F-Fig.2**).

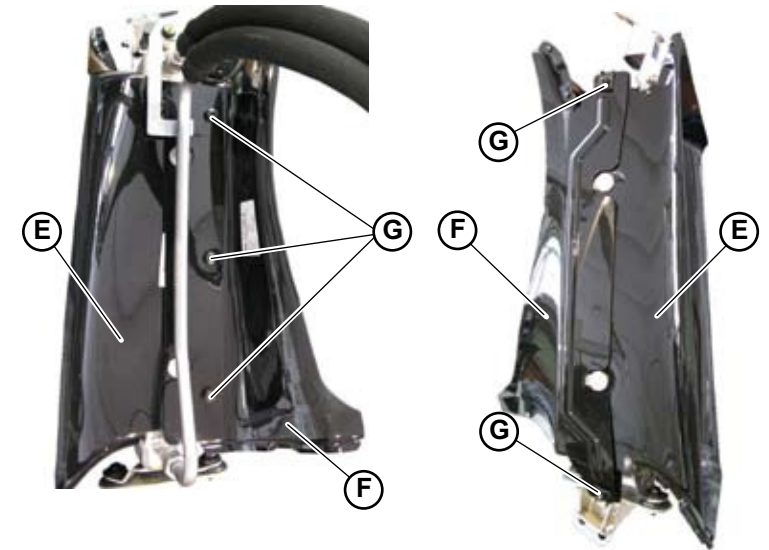


Fig.2

5. Remove the gearbox oil radiator (**H-Fig.3**).

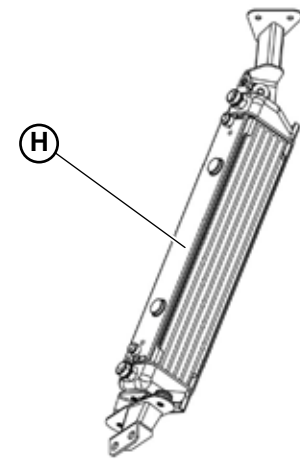


Fig.3



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## B) Disassembling the gearbox oil circuit pipes

The gearbox oil circuit is grouped as follows (**Fig.4**):

- |            |                     |
|------------|---------------------|
| <b>A1.</b> | Front delivery pipe |
| <b>A2.</b> | Front return pipe   |
| <b>P1.</b> | Rear delivery pipe  |
| <b>P2.</b> | Rear return pipe    |

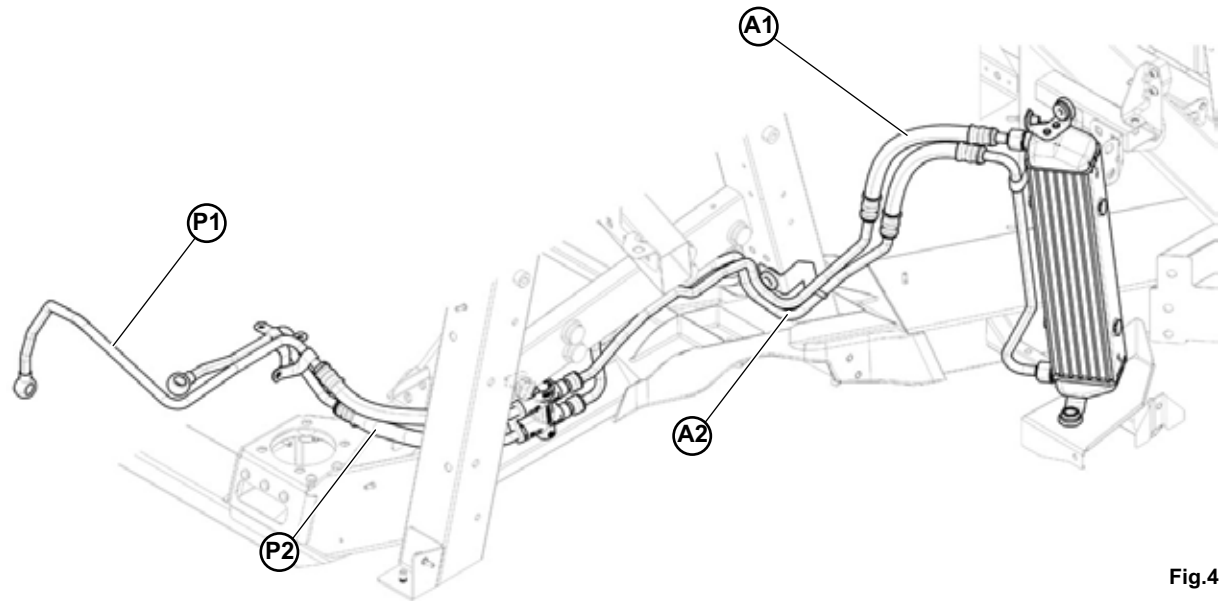


Fig.4

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## DISASSEMBLING THE FRONT PIPES

### Preliminary operations

- Raise the vehicle on the car lift (000000).
- Disassemble the right rear wheel (060103).
- Disassemble the rear wheel arch (082103).

### Disassembling the A1 and A2 gearbox oil circuit pipes

1. Unscrew the nuts (A-Fig.5) and disconnect the front A1 and A2 pipes from the gearbox oil radiator.



#### Note

Position a suitable container to collect the gearbox oil.

2. Loosen the screw (B-Fig.5) fastening the gearbox oil radiator mounting bracket (C-Fig.5) to the chassis.

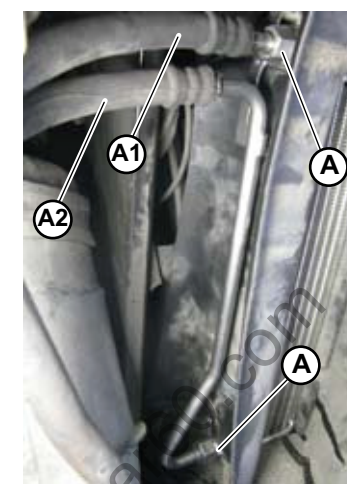
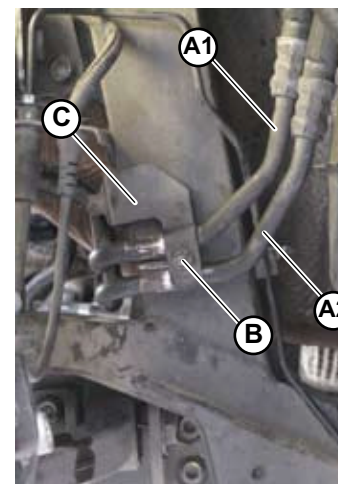
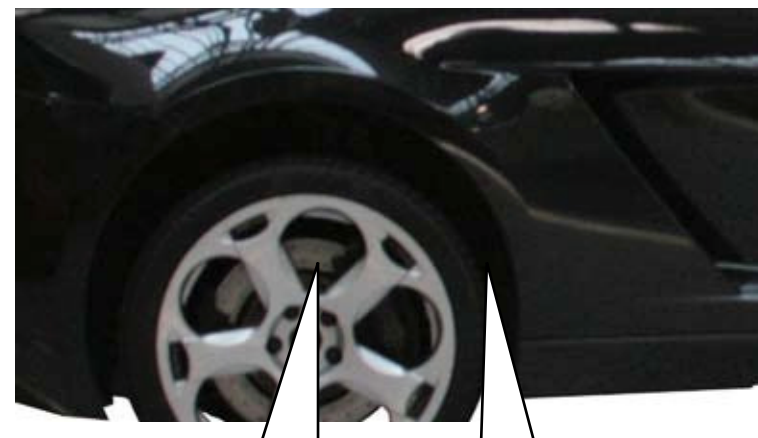


Fig.5





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3. Unscrew the nuts (**D-Fig.6**) and disconnect the front **A1** and **A2** pipes from the temperature regulator.

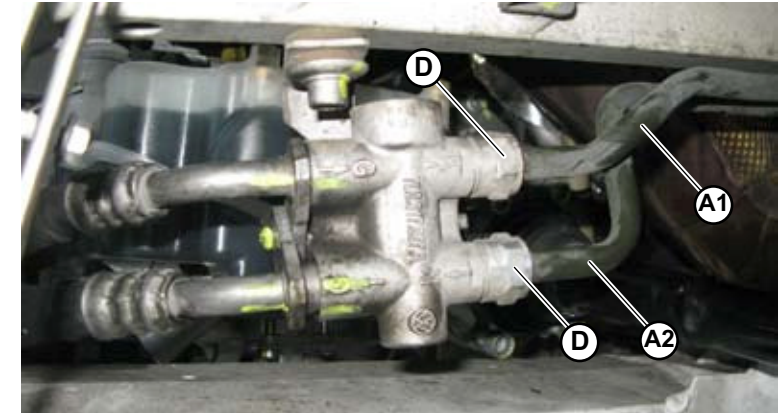


Fig.6

4. Remove and extract the front **A1** and **A2** gearbox oil circuit pipes (**Fig.7**).

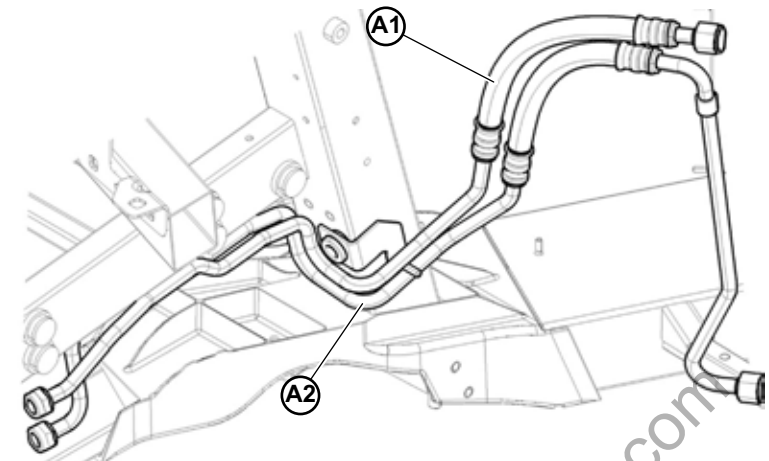


Fig.7



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## DISASSEMBLING THE REAR PIPES

### Preliminary operations

- SRaise the vehicle on the car lift (000000).
- Remove the right wheel (060103).
- Disassemble the right rear wheel arch (082103).
- Remove the air filter assembly (013303).
- Remove the exhaust (025103).

### Disassembling the P1 and P2 gearbox oil circuit pipes

1. Loosen the fixing screws (A-Fig.8) and disconnect the rear P1 and P2 pipes from the temperature regulator.



#### Note

Position a suitable container to collect the gearbox oil.

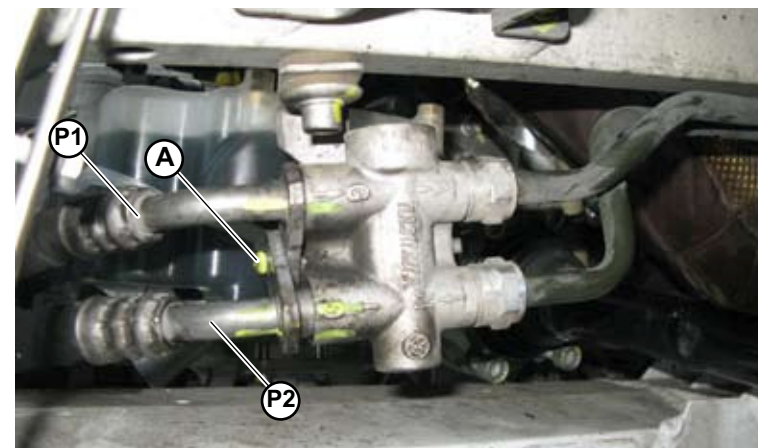


Fig.8

2. Loosen the screws (B-Fig.9) fastening the rear P1 and P2 pipe mounting brackets to the gearbox support.

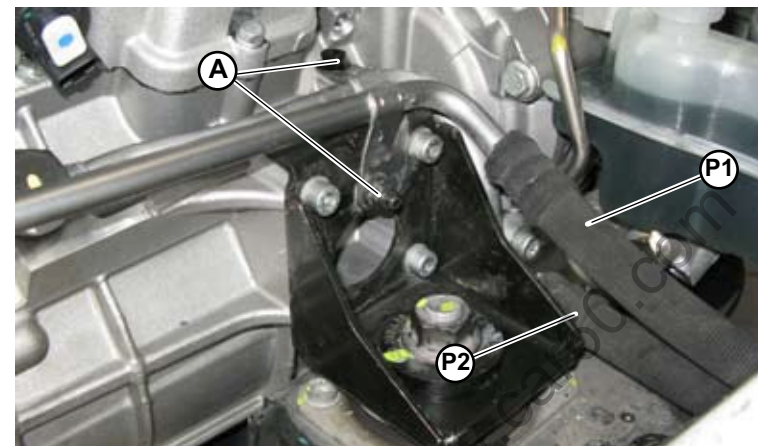


Fig.9



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3. Unscrew the nuts (**C-Fig.10**) and disconnect the rear **P1** and **P2** pipes from the gearbox.

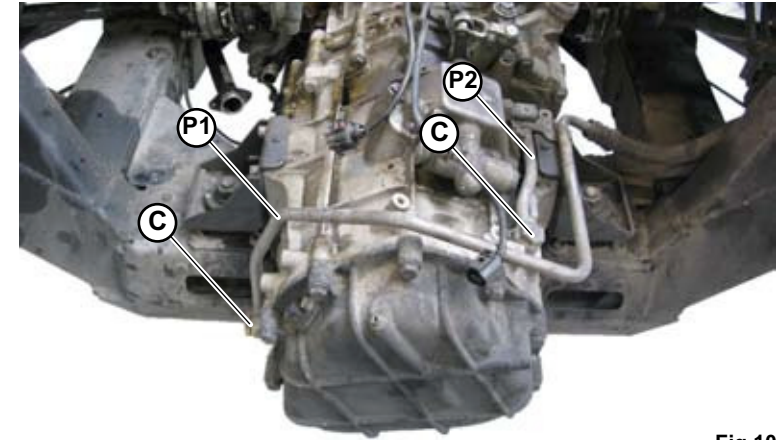


Fig.10

4. Remove and extract the rear **P1** and **P2** gearbox oil circuit pipes (**Fig.11**)

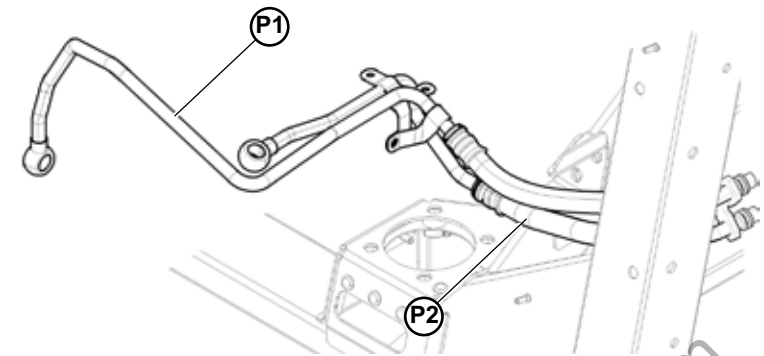


Fig.11





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## C) Disassembling the temperature regulator

### Preliminary operations

- SRaise the vehicle on the car lift (000000).
- Disassemble the right rear wheel (060103).
- Disassemble the rear wheel arch (082103).

### Disassembling the temperature regulator

1. Unscrew the nuts (**A-Fig.12**) and disconnect the front **A1** and **A2** pipes from the temperature regulator.
2. Loosen the fixing screw (**B-Fig.12**) and disconnect the rear **P1** and **P2** pipes from the temperature regulator.



#### Note

Position a suitable container to collect the gearbox oil.

3. Loosen the screw (**C-Fig.12**) fixing the temperature regulator to the chassis.
4. Remove and extract the temperature regulator (**D-Fig.12; D-Fig.13**).

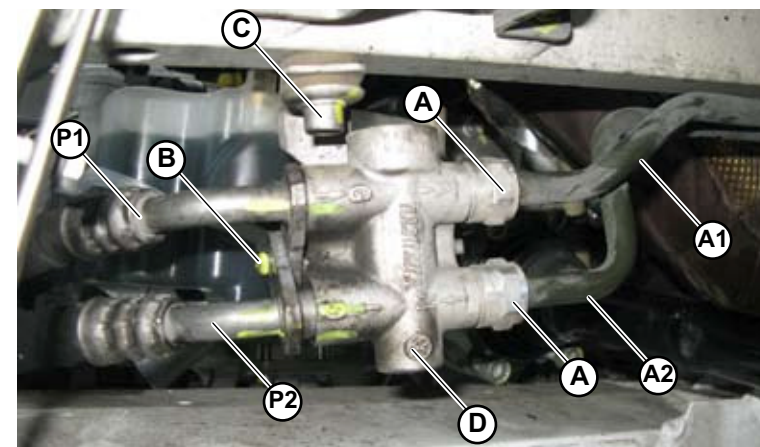


Fig.12

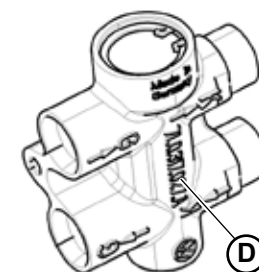


Fig.13