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This section explains how to disassemble:

- A) Power steering tank**
- B) Power steering radiator**
- C) Power steering system pipes**



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A) Disassembling The Power Steering Tank

Preliminary operations

- Remove the left side panel in the engine compartment (081303).

Disassembling the tank



Empty the power steering oil tank (042307).

1. Loosen the 3 screws (A-Fig.1) that secure the bracket to the chassis.
2. Remove the 2 clamps (B-Fig.1) and disconnect the relevant oil pipes.
3. Remove the power steering tank (C-Fig.1).

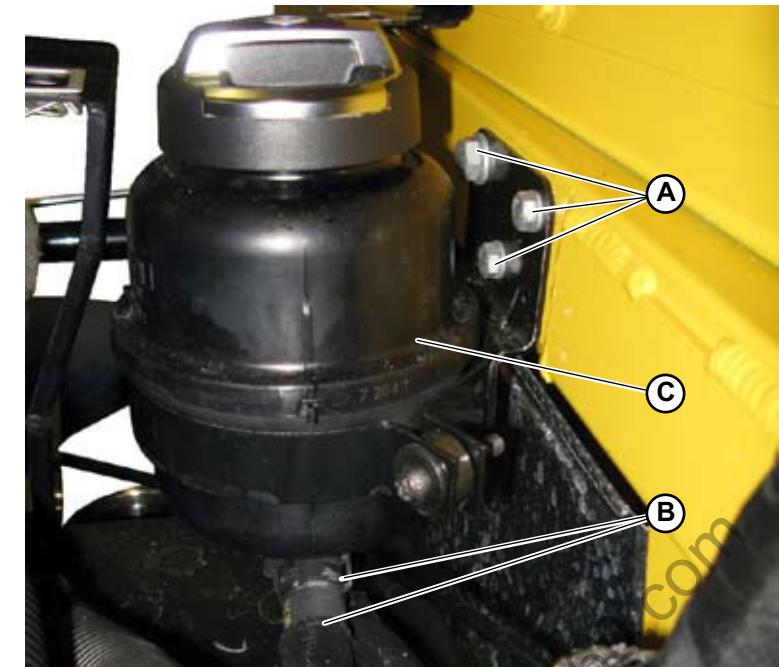


Fig.1

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B) Disassembling The Power Steering Radiator

Preliminary operations

- Lift the vehicle on the car lift (000000).
- Remove the front wheels (060103).
- Disassemble the front stone guards (082103).
- Disassemble the front lock cover (080603).
- Remove the front car floor (082503).
- Remove the front bumper (080703).

Disassembling the radiator



Place a container underneath the radiator to recover the power steering oil.

1. Remove the 2 clamps from the power steering oil radiator pipes (A-Fig.5) and remove the pipes.



Wait for the oil in the power steering radiator to empty.

2. Disengage the radiator (B-Fig.6) from the frame by loosening the 2 fixing screws (C-Fig.6).

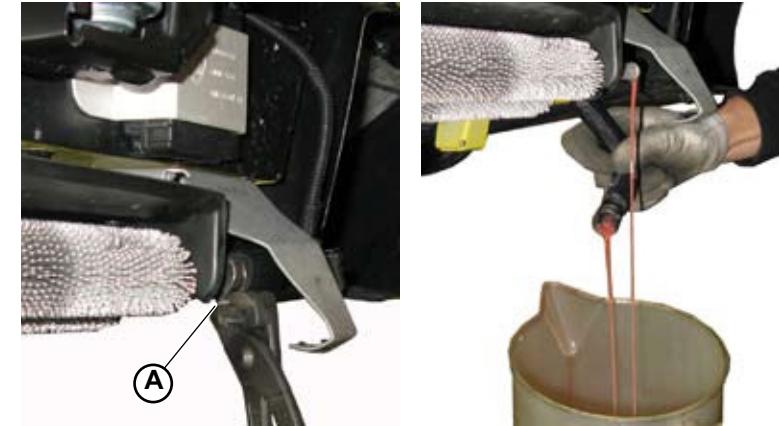


Fig.2

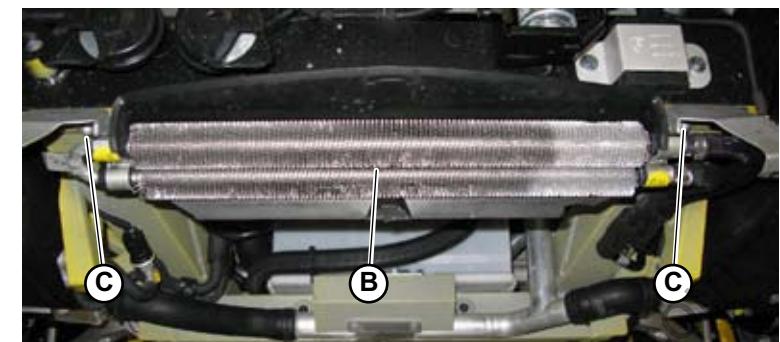


Fig.3

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To remove the air conveyor panel, loosen the 2 screws (D-Fig.7).

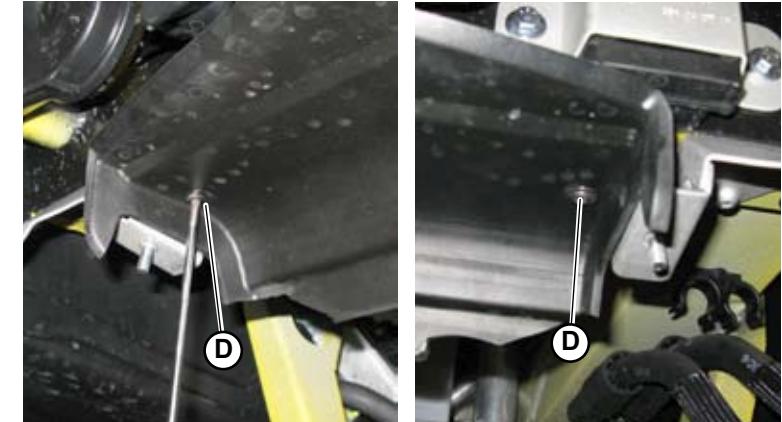


Fig.4



To remove the 2 mounting brackets (E-Fig.8) of the conveyor, unscrew the 4 screws (F-Fig.8) (2 screws per bracket).

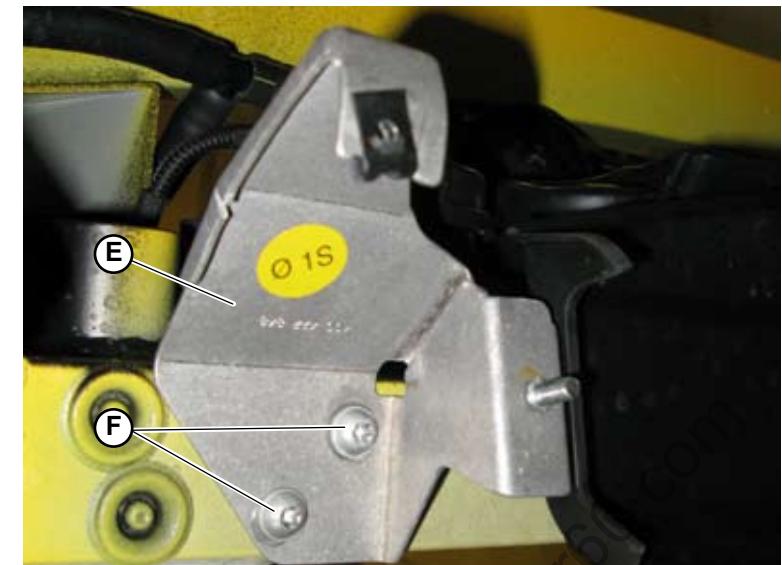


Fig.5



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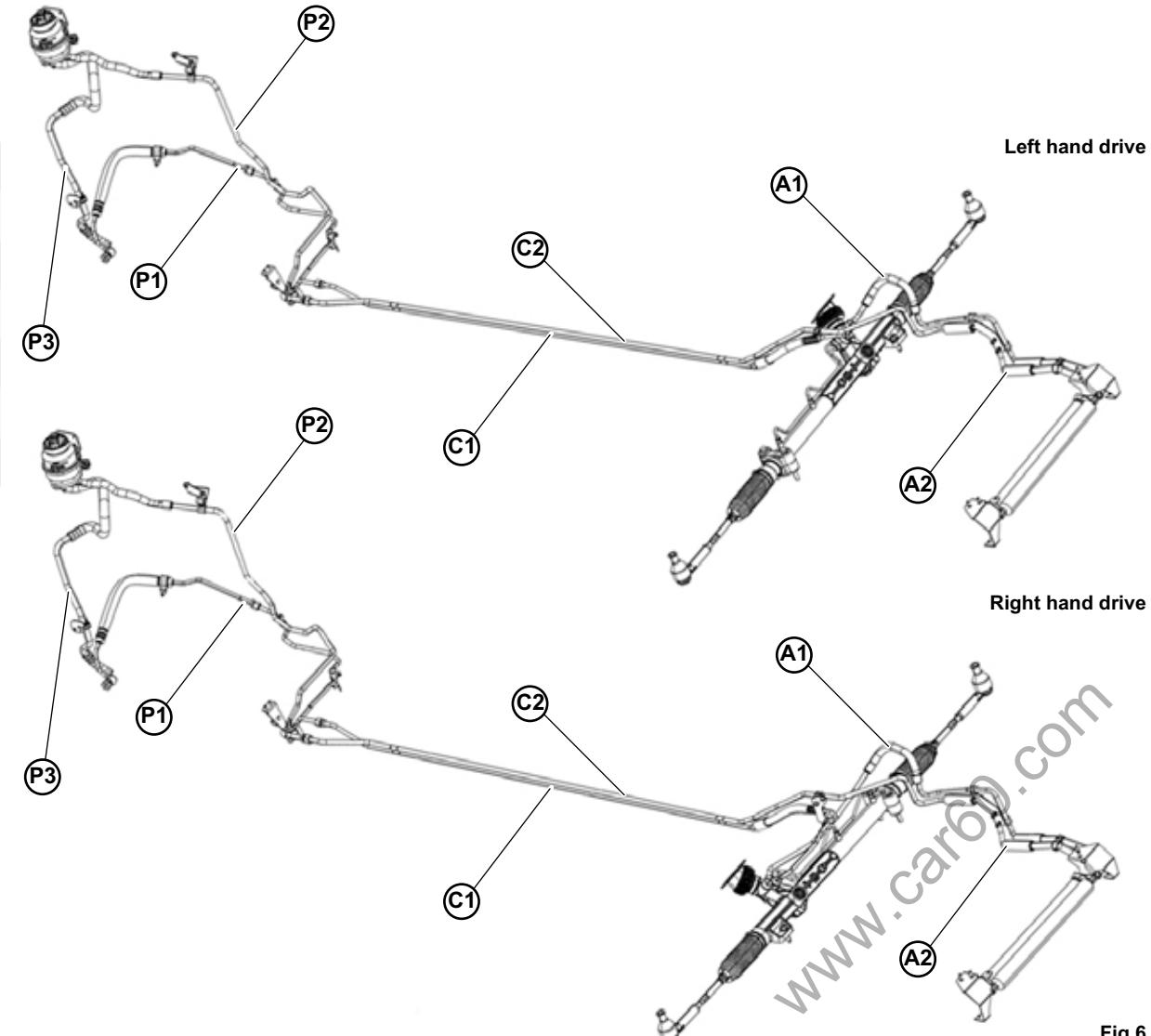
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C) Disassembling the power steering circuit pipes

The gearbox oil circuit is grouped as follows (Fig.6):

- A1. Front delivery pipe
- A2. Front return pipe
- C1 Central delivery pipe
- C2 Central return pipe
- P1. Rear delivery pipe
- P2. Rear return pipe
- P3. Rear return pipe



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DISASSEMBLING THE FRONT PIPES

Preliminary operations

- Disassemble the luggage compartment tray (080603).
- Disassemble the battery (091503).
- Disassemble the front tyres (060103).
- Disassemble the front wheel arches (082103).
- Remove the front bumper (080703).
- Disassemble the front and centre vehicle floors (082503).
- Disassemble the propeller shaft (030703).
- Disassemble the front differential (040903).
- Empty the power steering circuit (042307)..

Disassembling the A1 and A2 power steering circuit pipes



Position a suitable container to collect any residual power steering oil.

1. Loosen the 2 screws (A-Fig.7) securing the air conveyor to the left cooling circuit radiator.
2. Loosen the 2 top screws (B-Fig.7) to release the left cooling circuit radiator; if necessary, also loosen the 2 bottom screws.
3. Cut the two clamps (C-Fig.8) to disconnect the power steering circuit pipes A1 and A2 from the radiator.

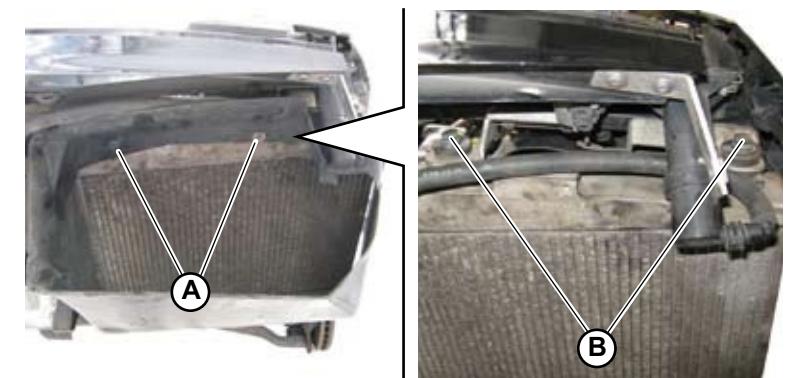


Fig.7



Fig.8


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4. Loosen the specific screws (E-Fig.9) to release the 2 clamps fixing the power steering circuit pipes to the chassis (D-Fig.9).

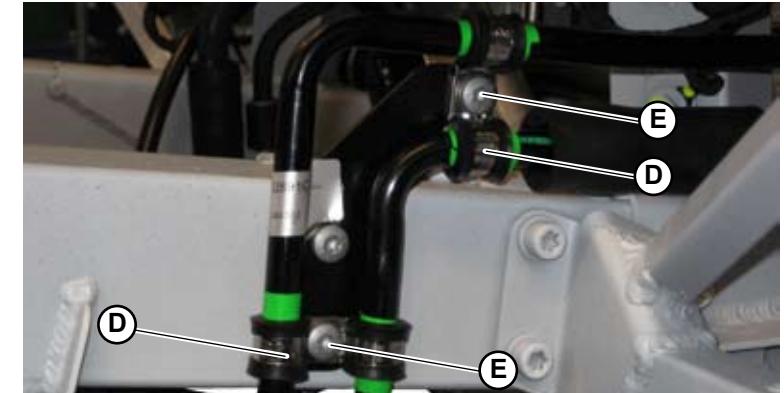
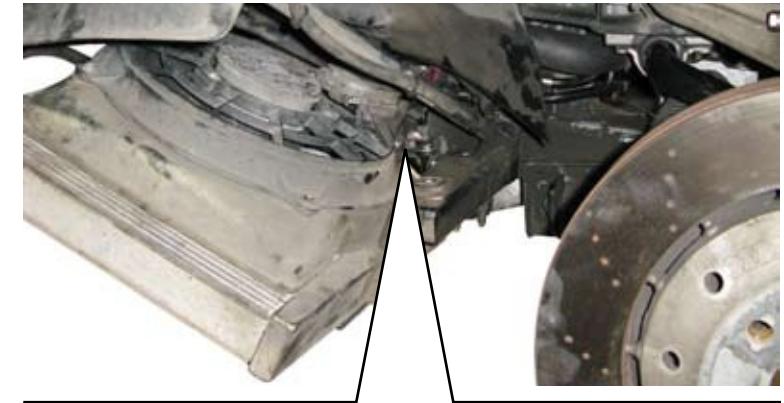


Fig.9

5. Release the two front water cooling system pipes (F-Fig.10).



Fig.10


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6. Right hand drive only:

Loosen the screw (H-Fig.11) to release the clamp (G-Fig.11) located on the bracket securing the **A1** front delivery pipe and **C1** central delivery pipe.

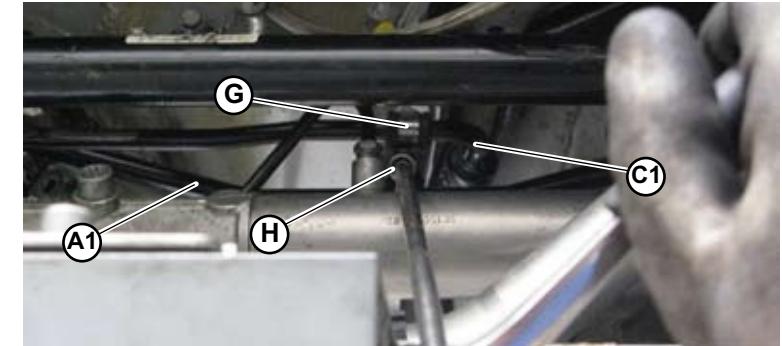
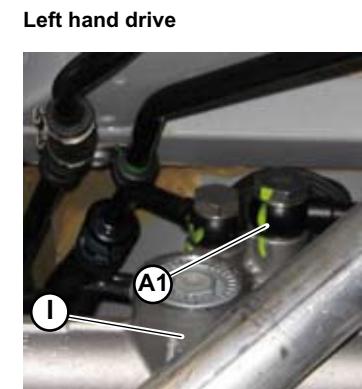


Fig.11

7. Disconnect the **A1 front delivery pipe connection from the rack (I-Fig.12).**


Left hand drive



Right hand drive

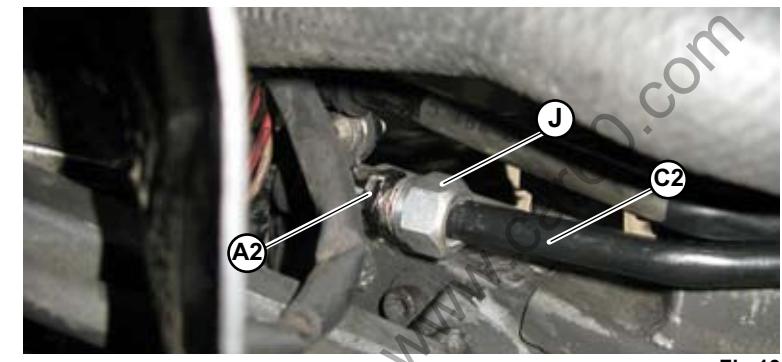
8. Disconnect the **A2 front return pipe connection from the **C2** power steering circuit central return pipe (J-Fig.13).**


Fig.13

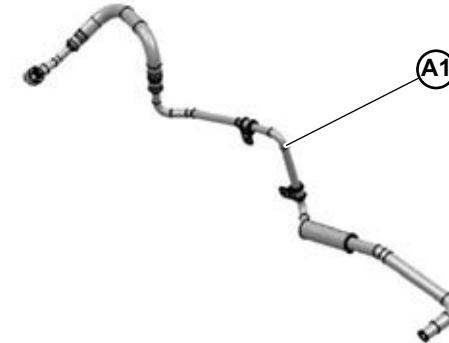


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9. Remove and extract the front **A1** and **A2** power steering circuit pipes (Fig.14).

Left hand drive



Right hand drive



Left-Right hand drive

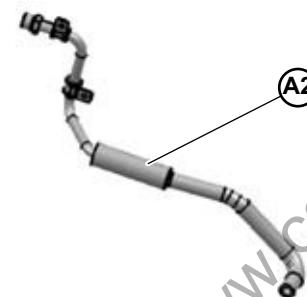


Fig.14



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DISASSEMBLING THE CENTRAL PIPES

Preliminary operations

- Disassemble the luggage compartment tray (080603).
- Disassemble the battery (091503).
- Disassemble the front, centre and rear vehicle floors (082503).
- Disassemble the propeller shaft (030703).
- Disassemble the front differential (040903).
- Disassemble the front and central cooling circuit pipes (012103).
- Empty the power steering circuit (042307)
-

Disassembling the C1 and C2 power steering circuit pipes



Position a suitable container to collect any residual power steering oil.

1. Unscrew the nut (A-Fig.15) to disconnect the A2 front return pipe connection from the C2 power steering circuit central return pipe.
2. Loosen the screw (C-Fig.16) to release the clamp (B-Fig.16) securing the C2 power steering circuit central return pipe and the brake vacuum pump pipe to the chassis.

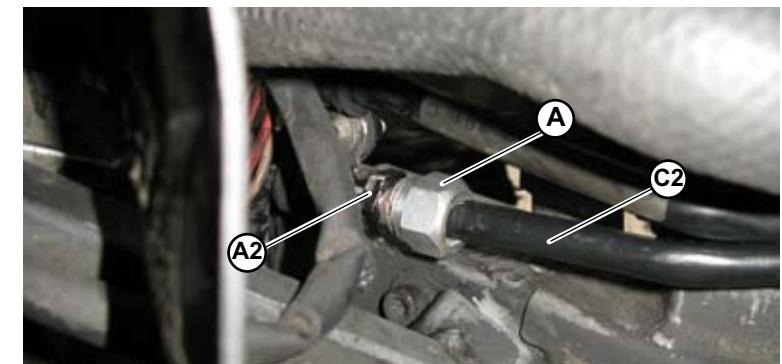


Fig.15

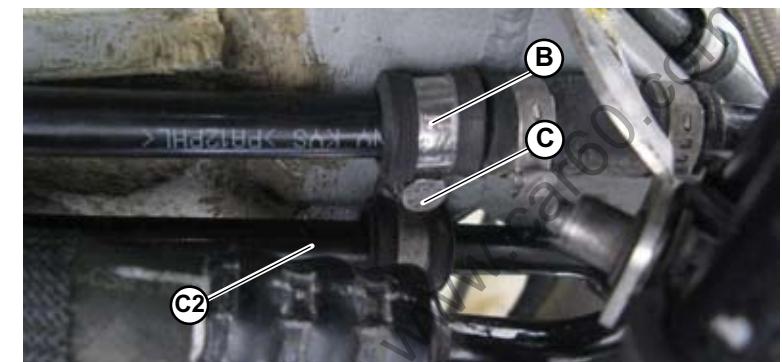


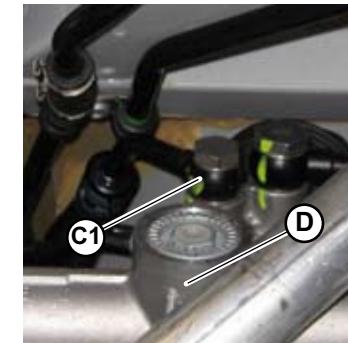
Fig.16


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3. Disconnect the **C1** power steering circuit central delivery pipe from the rack (**D**-Fig.17).

Left hand drive



Right hand drive

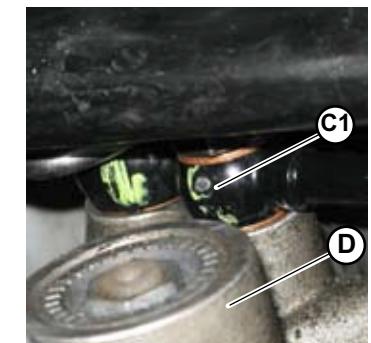


Fig.17

4. **Right hand drive only:**

Loosen the screw (**F**-Fig.18) to release the clamp (**E**-Fig.18) located on the bracket securing the **A1** front delivery pipe and **C1** rear delivery pipe.

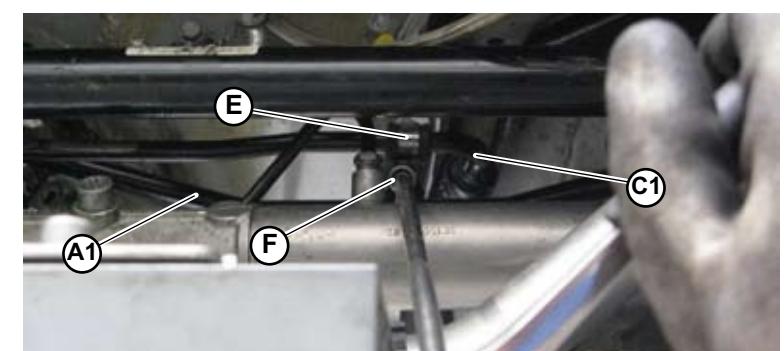


Fig.18

5. Release the 3 clamps (**G**-Fig.19) securing the **C1** central delivery pipes, **C2** central return pipes and the brake vacuum pump pipe to the chassis.



Fig.19



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6. To disconnect the **C1** central delivery pipe connections and the **C2** central return pipe connections from the **P1** rear delivery pipes and **P2** rear return pipes, unscrew the respective nuts (**H**-Fig.20).

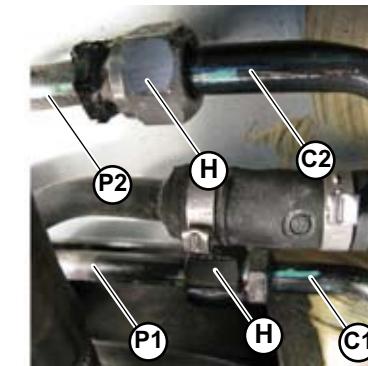


Fig.20

7. Remove and extract the **C1** and **C2** power steering circuit pipes (Fig.21).

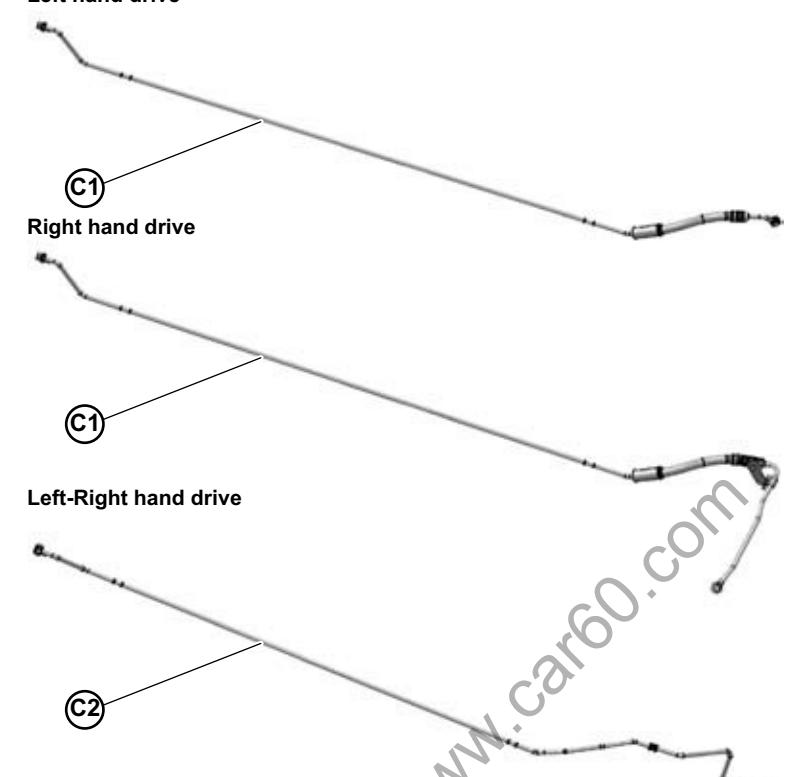


Fig.21



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DISASSEMBLING THE REAR PIPES

Disassembling the P1 and P2 power steering circuit pipes

Preliminary operations

- Remove the entire engine (010003).
- Disassemble the engine cooling system rear pipe (012103).
- Empty the power steering circuit (042307).

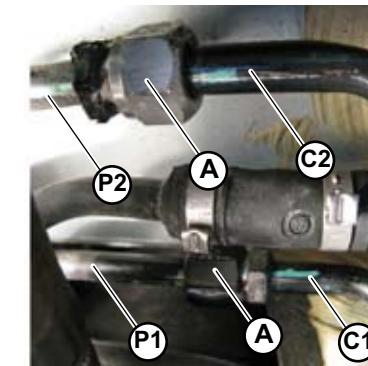


Fig.22

Disassembling the P1 and P2 power steering circuit pipes



Position a suitable container to collect any residual power steering oil.

1. To disconnect the **C1** central delivery pipe connections and the **C2** central return pipe connections from the **P1** rear delivery pipes and **P2** rear return pipes, unscrew the respective nuts (**A-Fig.22**).
2. Release the front part of the **P2** return pipe from the clamp (**B-Fig.23**) securing it to the brake booster pipe.
3. Disconnect the front part from the rear part of the **P2** return pipe (**C-Fig.24**).

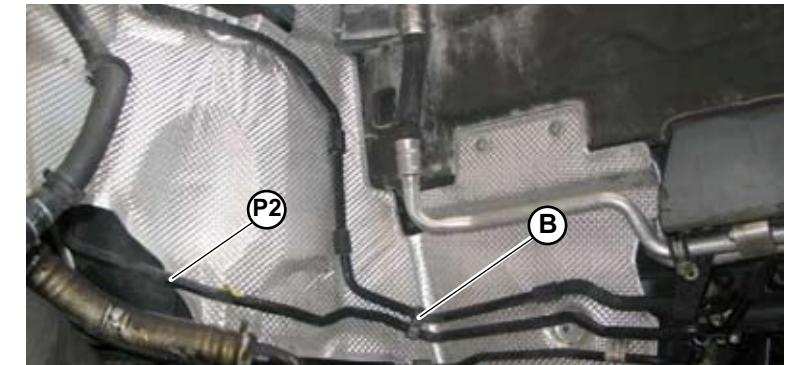


Fig.23

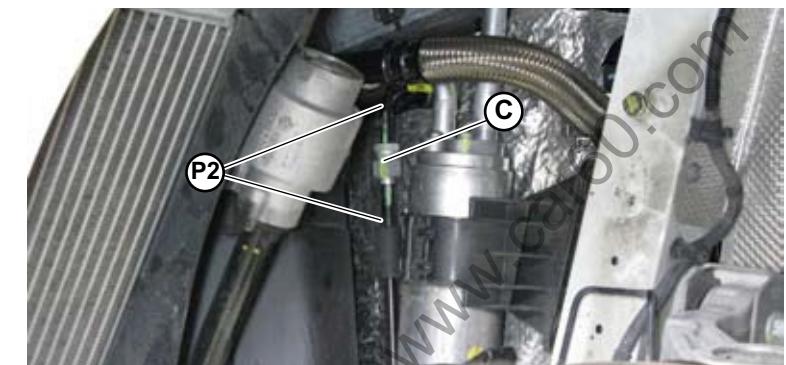


Fig.24


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4. Loosen the screw (D-Fig.25) securing the rear part of the **P2** return pipe to the support bracket.

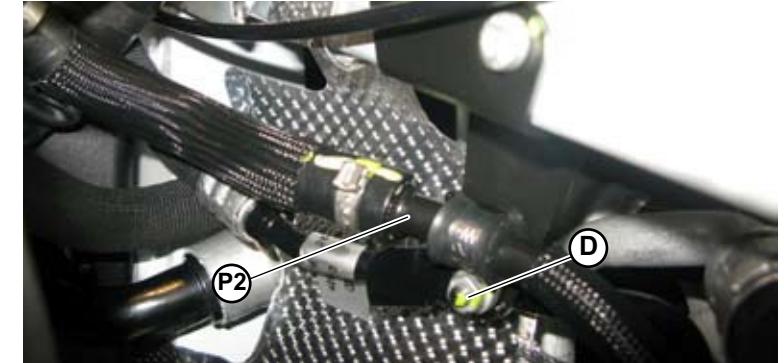


Fig.25

5. Loosen the 3 screws (F-Fig.26) to release the power steering tank (E-Fig.26) and loosen the clamp (G-Fig.26) to disconnect the rear part of the **P2** return pipe.

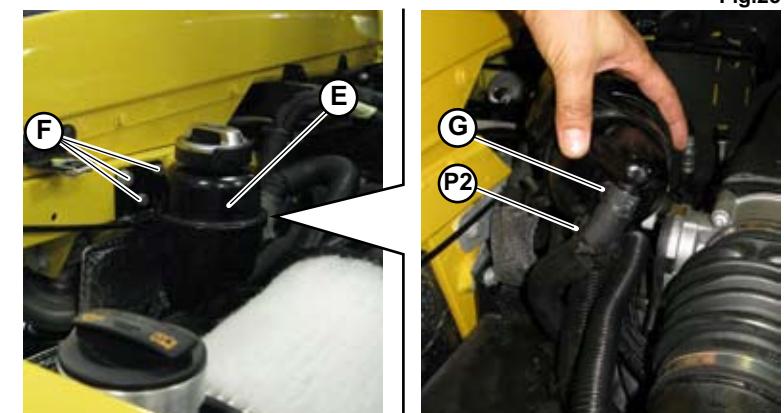


Fig.26

6. Remove both parts of the **P2** return pipe (Fig.27)



Fig.27


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7. Loosen the screw (H-Fig.28) fastening the mounting bracket on the front part of the **P1** delivery pipe to the chassis.

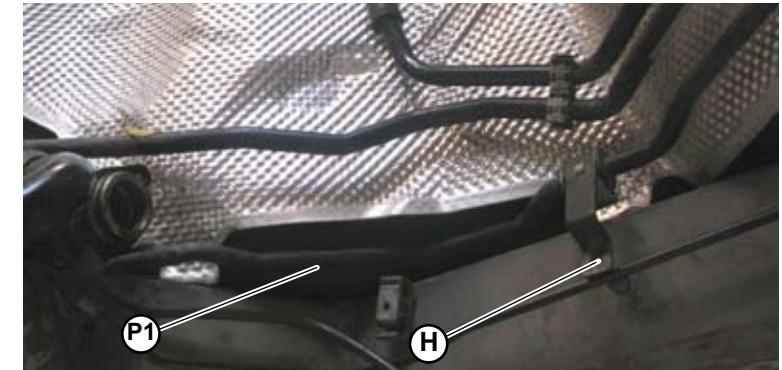


Fig.28

8. Loosen the connection nut (I-Fig.29) to disconnect the front part from the rear part of the **P1** delivery pipe.

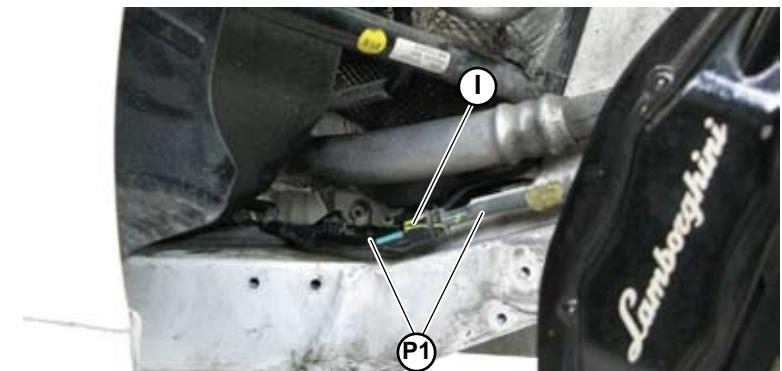


Fig.29

9. Loosen the screw (J-Fig.30) fastening the fixing clamp of the **P1** delivery pipe rear part to the chassis. Then disconnect the connection to the power steering circuit pump (K-Fig.30).

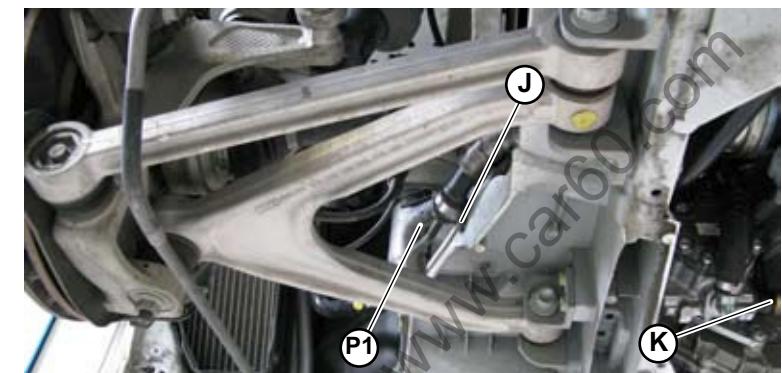


Fig.30



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10. Remove both parts of the P1 delivery pipe (Fig.31).

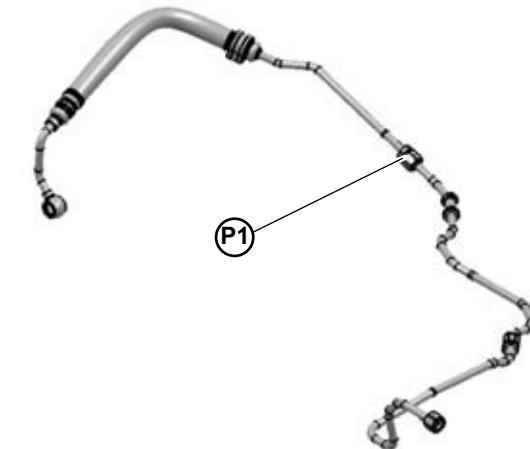


Fig.31

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Disassembling the P3 power steering circuit pipe

Preliminary operations

- Disassemble the rear vehicle floor (082503).
- Disassemble the left and rear aesthetic panels (081303).
- Disassemble the air filter box (013303).
- Empty the power steering circuit (042307).

Disassembling the P3 power steering circuit pipe



Position a suitable container to collect any residual power steering oil.

1. Cut the clamp (A-Fig.32) to disconnect pipe P3 from the power steering pump
2. Release the clamp (B-Fig.32) securing the pipe to the engine.
3. Loosen the three screws (D-Fig.33) to release the power steering oil tank (C-Fig.33).
4. Release the clamp (E-Fig.33) to disconnect pipe P3 from the power steering oil tank.
5. To remove pipe P3 (Fig.34), extract it from below the vehicle.

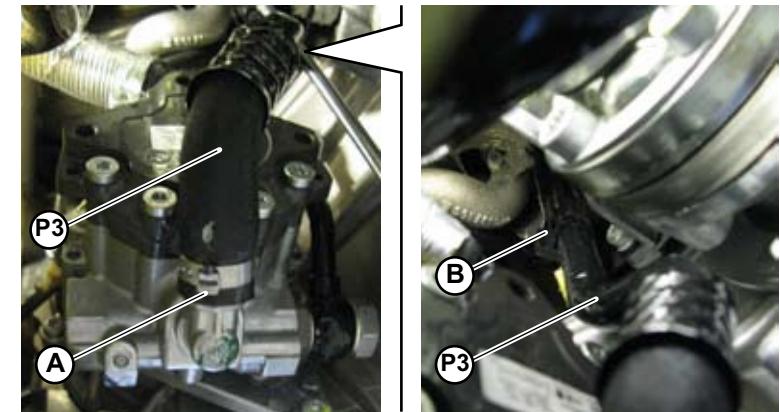


Fig.32



Fig.33

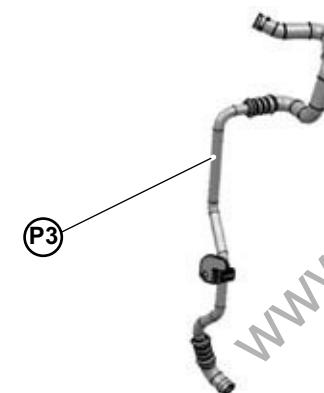


Fig.34