

RECOMMENDATIONS AND TECHNICAL ADVICE POWER STEERING PUMP

Before carrying out any work, refer to the manufacturer's instructions.

- The power steering pump is a safety component; the intervention should only be carried out **by qualified personnel equipped with all the specific tools required for the operation.**
- Before installation, **check the ordered reference.** Check and compare the exact match in every detail between the removed part and the delivered part (dimension, height, diameter of the pulley, etc).
- Keep the protective plugs or caps in place until the pump is assembled on the vehicle. Check the condition of the filters and seals on the pump connection pipes and replace them with new ones if necessary.
- **Only use power steering oil recommended by the manufacturer.**

Change the hydraulic fluid

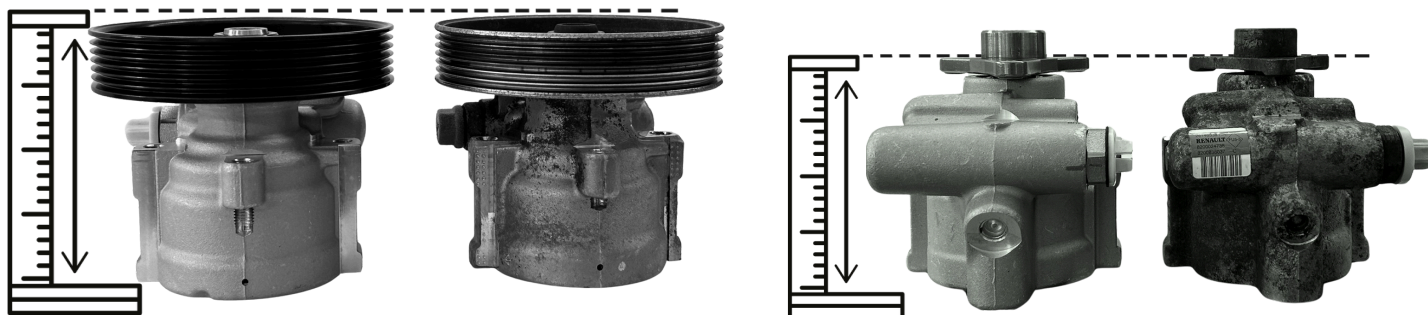
- Drain the power steering fluid from the hydraulic tank.
- Dispose of used oil in accordance with applicable regulations.
- Remove the belt and hydraulic lines.

Check the hydraulic system

- Check the power steering circuit for impurities.
- Flush the circuit (see hydraulic circuit instructions).
- Replace the hydraulic system filter if fitted on the original vehicle.

Recommendations

- For models with support, remove the pulley from the old pump, check its condition and then fit it to the new pump.
- Never apply axial thrust or impact to the shaft to avoid damaging the pump.



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Install the new pump

- Thoroughly clean the surface of the pump flange and the motor mounting surface.
- Install the new pump in accordance with the manufacturer's instructions.
- Apply the recommended tightening torques for the fixing screws.

Connect the hydraulic lines

- Remove the oil plugs and clean the connection surfaces.
- Connect the hydraulic lines using new seals.

Install the belt and fill the circuit

- Reinstall the drive belt and tighten it in accordance with the manufacturer's recommendations.
- Fill the hydraulic tank with a new fluid recommended by the manufacturer.

Drain the hydraulic circuit

- Start the engine and let it idle while topping up the oil level. During this step, make sure that the pump is not running without oil.
- Slowly turn the steering wheel from one stop to the other without forcing it at the end of its travel.
- Top up the fluid level until the oil in the return line is clean and free of air bubbles.
- Check that the oil level is at the mark, then replace the tank cap.

Check and perform a road test

- Carry out a road test to ensure that the power steering system is working properly.
- Check the system for potential leaks.

Once the pump has been installed, the hydraulic circuit must be filled, drained and checked.

Attention: If the above instructions are not followed, no warranty return will be granted.

This manual does not replace the manufacturer's instructions.