

# TECHNICAL RECOMMENDATIONS ELECTRIC STEERING PUMP

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

- The electric 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.
- 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.

## WARNING:

Before starting the replacement of the pump:

Connect the diagnostic device to the car and check for any error codes (record or note them down).

Voltage drops can cause malfunction of the pump:

- Check the condition of wiring and fuses.
- Check the condition of the battery. The voltage must be above 12.4V.
- Check the operation of the alternator.
- Before starting the programming, use a power stabiliser (such as CTEK or equivalent) so as to maintain a voltage above 13V.
- Clear the error codes.

## Disassembly

1. Disconnect the battery.
2. Carefully unplug the connectors from the pump.
3. Place a container under the pump so as to collect the liquid.
4. Disconnect the supply and return hoses.
5. Remove the pump from the vehicle.
6. Flush the hydraulic circuit (see hydraulic circuit instructions).
7. Do not return the old part until the repair is complete.

## Installation

1. Install the pump according to the manufacturer's instructions.
2. Connect the supply pipes, checking that all filters and seals are present.
3. Fill the oil tank.
4. Connect the connectors to the steering pump and reconnect the battery.
5. After performing the necessary basic settings (calibrations, adjustments, etc), clear any remaining error codes.
6. Conduct a thorough road test, then verify the absence of new error codes using the diagnostic device.

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

**This manual does not replace the manufacturer's instructions.**