

## **FITTING INSTRUCTIONS**

### **Removal**

Before disconnecting the hoses from the pump, place a suitable container under the car.

1. Drain the fluid from the system
2. Disconnect the inlet and outlet hoses from the pump and plug them
3. Remove the pump belt by loosening the pump mounting bolts, nuts/or adjusting bolt/s. Take care not to spill any power steering fluid on the pump body and parts, wipe off any spilled fluid at once.
4. Remove pump-mounting bolts/nuts and remove the pump
5. Make sure that the hoses and connections are clean, so that no debris can come in the system
6. In many cases there is like a sort of strainer in the return of the reservoir of the pump. Be sure that there are no impurities.

### **Installation**

1. Connect the power steering inlet hose with the necessary fittings securely to the power steering pump (consult the correct torque of the manufacturer, overtightening the pipes may cause damage to the pump)
2. Loosely install the pump with the relevant bolts/brackets
3. Install the pump belt – ensure the belt is securely located in the V or grooves of the pulley
4. Adjust the pump belt to the manufacturer guide lines
5. Place the outlet hose into a waste container
6. Fill the pump reservoir with fresh fluid – start engine – continue filling with fresh fluid until the fluid coming from the pump outlet is running clean. **DO NOT RUN THE PUMP DRY** (without fluid)
7. Connect the power steering outlet hose with the necessary fittings securely to the power steering pump
8. Fill the reservoir to the correct level
9. Start the engine. Let it run at idle, then turn the steering wheel lock to lock several times to bleed air from the system. You may have to speed up the revs. In extreme cases we suggest to use a vacuum pump to bleed the system.
10. Re-check the fluid level and top up if required (Never overfill the fluid level beyond upper level line)

**Units with bolt on pulleys – Pumps are supplied without pulleys**

### **OLD UNIT RETURNS**

Old unit part numbers will only be accepted against units carrying a part number in this catalogue, i.e. like for like. All units must be returned undamaged and complete. Credit notes will be issued for old units, subject to entitlement.

Credit will not be given against old units with the following defects :

1. Damaged external casing / casting
2. Damaged mounting brackets / bolt holes
3. Seized or rusted internal components
4. Incomplete assemblies / parts
5. Pumps which are supplied with pulley, have to be returned with a undamaged pulley
6. The shaft and the body of the pump have to form one part