



## TECHNICAL DESCRIPTION; STEERING AND ASSISTANCE PUMPS

### **General precautions to change the pump and the rack.**

Everytime you change the assistance pump and the rack, you must also change the LHM fluid and check carefully the circuit clearing. The impurities can cause seized up, blocked or leaking somewhere in the circuit.

It is advisable not to use lint-free cloths, or remove the protective caps from the direction to mount the tubes

### **How to empty out the hydraulic rack-pump circuit.**

To empty the circuit you must put the car stationary and the LHM at 50°C, after you must undo one of its tubes (if the oil which goes out is very dirty, you ought to clean the circuit) and –with the car elevated- move the rack slowly from one to the other side.

### **How to drain the circuit.**

Normally, it's drained automatically: we stay with engine in slow motion (during 2 or 3 minutes) adding oil until we reach the level. Afterwards, we move the steering wheel several times to one and other side; and we add oil to reach a level between the MIN and the MAX.

In some cases the draining must be done manually for it, the pressure outlet of the pump has to be loosened or pressure inlet fitting to the steering rack, Afterwards, we move the steering wheel several times to one and other side