

## 1A- THE ELEVATOR DOES NOT START IN UP DIRECTION, OR DOES NOT REACH NOMINAL SPEED

(15/650 l/min distributor including 2-speed Home Lift - My Lift)

- 1- Check the electrical functionality of electrovalves EA and star delta
- 2- Check that, during the drive in up direction, no oil is flowing from the following dumping (outflow) points:
  - plastic or steel pipe on the left of screw # 5 ( repair R1A)
  - rigid plastic pipe under screw # 5 ( repair R2A )
  - plastic pipe on star/delta block (repair R3A)NOTE: if no oil is flowing from these points, please read the next section.
- 3- unscrew of 1 turn regulation # 7 (if this screw is too serrated, the elevator could be too slow or could not start at all)
  - test the elevatorNOTE: if the elevator does not start, go to point 4
- 4- Problem with sliding spool (little piston) of regulation # 8
  - If this spool is blocked, the elevator does not start or does not reach nominal speed (repair R4A)

## REPAIR STEPS

**R1A, regulation # 5 dump:** reference to drawings 9500/1 or 9500/2

- close the ball valve
- start the motor for drive in up direction and check that the pressure indicated by the manometer is corresponding to the nominal overpressure ("PS" in the label), written on power unit label
- if the measured value is different than the nominal one, screw reg # 5 until the measured pressure is 1.4 times the value of Max working pressure (1.4 x "PE max" on the label)
- if the pressure is correct, close the ball valve
- eliminate the pressure inside the distributor, pushing the manual descent button (0575/\* )
- switch off the motor power supply
- remove the plate of regulation # 5
- clean the sphere from any dirt you may find
- assemble the components in the following order: sphere, spring (put the larger diameter in contact with the sphere) and plate
- test the elevator

**R2A, plastic pipe:** reference to drawings 9500/1 or 9510/1

- close the ball valve
- eliminate the pressure inside the distributor, pushing the manual descent button (0575/\*)
- switch off the motor power supply
- disassemble the plate of regulation # 5
- verify that the sliding of piston 0036 is smooth and not obstructed; clean any dirt inside
- assemble all pieces and test the elevator

**R3A, star-delta block:** reference to drawings 9500/1 or 9500/2

- ensure that, during drive in up direction, the electrovalve is energized
- verify the correct sliding/excursion of "Pm." Button (0579) of the electrovalve. If this is not sliding, the electrovalve must be replaced
- disassemble the electrovalve and clean any dirt inside
- assemble all pieces and test the elevator

**R4A, sliding spool (piston) of regulation # 8:** reference to drawing 9510/1 o 9510/2

- close the ball valve
- eliminate the pressure inside the distributor, pushing the manual descent button (0575/\* )
- switch off the motor power supply
- disassemble the plate of regulation # 8 (0447 or 0667), taking care of the pieces inside
- verify that the sliding of piston 0021/6 o 0671/1 is smooth and not obstructed
- if this piston is obstructed, re-assemble the plate back without the spring of regulation # 8 and drive the car in up direction to unblock this piston
- disassemble the plate again and clean all the dirt found
- assemble all pieces and test the elevator

**PLEASE CONTACT MORIS TECHNICAL SERVICE FOR ANY  
CLARIFICATION YOU MAY REQUIRE**