

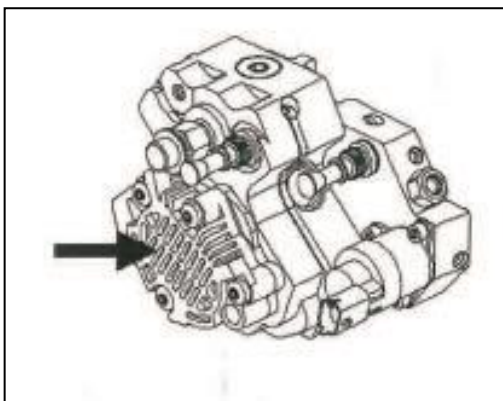
# AAZ034-270

## TESTER CLAMP TO CHECK TRANSFER PUMP ON CP1 – CP1H – CP3.

Tester clamp to check transfer pump,  
without external connections, on  
common rail pumps Bosch, CP1,  
CP1H and CP3.  
Similar Bosch: 0.986.613.270



To use directly on the vehicle (stopped vehicle) or on diesel test  
bench.



# **AAZ034-270**

## **TESTER CLAMP TO CHECK TRANSFER PUMP ON CP1 – CP1H – CP3.**

### **ON THE VEHICLE:**

- Clean the pump and dry it with compressed air
- Put some absorbent clothes under the transfer pump or a basin to gather the potential leak of fuel.

**ATTENTION: FUEL MUST NOT RUN INTO RADIATOR'S FLEXIBLE PIPES  
AND BELTS!!!!**

### **ON THE DIESEL TEST BENCH:**

- Clean the pump and dry it with compressed air

### **TO DISASSEMBLE THE PRESSURE REGULATOR:**

- Pull out the connector from the pressure regulator/ZME valve
- Slacken the 3 fixing screws
- Suck the potential particles
- Unscrew the 3 screws
- Pull out the pressure regulator/ZME valve

# **AAZ034-270**

## **TESTER CLAMP TO CHECK TRANSFER PUMP ON CP1 – CP1H – CP3.**

### **TO ASSEMBLE THE TESTER CLAMP:**

- Position the adaptor in the seat of the pressure regulator with a turning movement and with a light pressure
- Insert the pressure regulator, previously disassembled, on the tester clamp
- Fix with the 3 screws the pressure regulator on the tester clamp. (screws tightening torque 6 – 7 Nm)
- Insert the connector into the pressure regulator

### **TEST DATA:**

- Pressure with starter turning number: 240 kPa – 340 kPa  
(2,4 – 3,4 bar)
- Pressure with minimum turning number: 450 kPa – 510 kPa  
(4,5– 5,1 bar)
- Pressure with turning number up to 1000 1/min: 450 kPa – 550 kPa  
(4,5 – 5,5 bar)

## **AAZ034-270**

### **TESTER CLAMP TO CHECK TRANSFER PUMP ON CP1 – CP1H – CP3.**

- At the end of the test disassemble the pressure regulator and the test adaptor
- If the test was good, assemble again the pressure regulator
- The pressure regulator must be pushed down till it arrives to contact the flat surface inside the pump.
- Close the screws to fix the pressure regulator (6-7 Nm)

#### **ON THE VEHICLE:**

- Control the seal of the pump and of the pressure regulator  
(Control with your eyes)

#### **ON THE TEST BENCH:**

- Test the pump on the test bench.