

# *The new generation of pressure regulator for VISATRON Oil Mist Detectors:*



**Safety for you  
and your engine**

Oil Mist Detector  
Equipment

### **New pressure regulator from 2020:**

As the manufacturer of the well known Visatron oil mist detector series, Schaller Automation decided to change the standard pressure regulator with part no. 10001- to the new design with part no. 273440. The sales of part no. 10001 was stopped during end of 2019. In the aim to ensure the safety for the end users- the new pressure regulator have latest regulating technique and design with water separator and filter included- to ensure safe operation with clean air supply.

### **Spare parts for the old version:**

Spare parts for the old type, is still available for the next 10 year period:

- |                                 |                |
|---------------------------------|----------------|
| • Filter for pressure regulator | Part no: 10002 |
| • O- ring                       | Part no: 10003 |
| • O- ring                       | Part no: 10004 |
| • O- ring                       | Part no: 10679 |

### **Spare parts for the new version:**

- |   |                 |
|---|-----------------|
| • Filter element kit                              | Part no: 270532 |
| • Pressure regulator without modification kit     | Part no. 273456 |
| • Pressure regulator with opposite flow direction | Part no. 273461 |



**Old version with part no. 10001**



**New version with part no. 273440- as modification kit**

### **How to replace:**

Schaller Automation & Engine Protection Partner deliver a complete replacement kit, where the new pressure regulator are delivered with all necessary connection, flexible hoses and adapter plate for the the regulator itself.

It is possible to get the new type pressure regulator without the modification kit. The new regulator can also be delivered with opposite flow direction.

### Step by step- how to replace:

**Before replacing the pressure regulator, stop the engine and turn off the air pressure to the oil mist detector!  
Turn off the power to the oil mist detector!**



1 Start with disconnecting the flexible main tube from the base plate to the regulator...



2. remove the flexible tube...



3. loosen the mounting screws on the old pressure regulator...



4. remove the old pressure regulator...



5. remove the old connection plug from the ejector input on the base plate...



6. install the new pressure regulator, use the same holes into the protection cover...



7. install the new connection plug on the ejector input...



8. install the new steel main pipe between the ejector input the pressure regulator...



9. install the new flexible pipe to the existing air pipe on the engine. When this procedure is done-adjust the negative pressure to 60.00 mmWC. Turn on the power to the system, and make a system test with test plate kit no. 11072. After the test is done-the oil mist detector are ready for operation.

# Safety for you and your engine: Worldwide

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- *Svalbard & Jan Mayen*
- *Sweden*
- *Denmark*
- *Finland*
- *Iceland*
- *Faroe Island*
- *Aaland Islands*
- *Greenland*
- *Estonia*
- *Latvia*
- *Lithuanian*



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