

**Instructions
for disassembly, assembly and cleaning
sensor EUROSENS Delta**

Application area:

The instruction is relevant for all categories of users of EUROSENS Delta sensors who purchased this equipment from JSC “Mechatronics” or authorized representatives.

Conditions of use::

The sensor must be disassembled and serviced if:

- a) the alarm LED on one of the cameras does not flash;
- б) the service software clearly shows an understated fuel consumption for any of the cameras;
- в) the camera is not blown
- г) on the above characteristics, we determine the defective camera (direct or reverse)

Required Tools:

Special key (in the absence of it it is possible to replace with steel wire $\varnothing 2$ mm or nail), cutting pliers, cross screwdriver

ATTENTION! It is recommended to put all hardware in a separate container to ensure their safety.

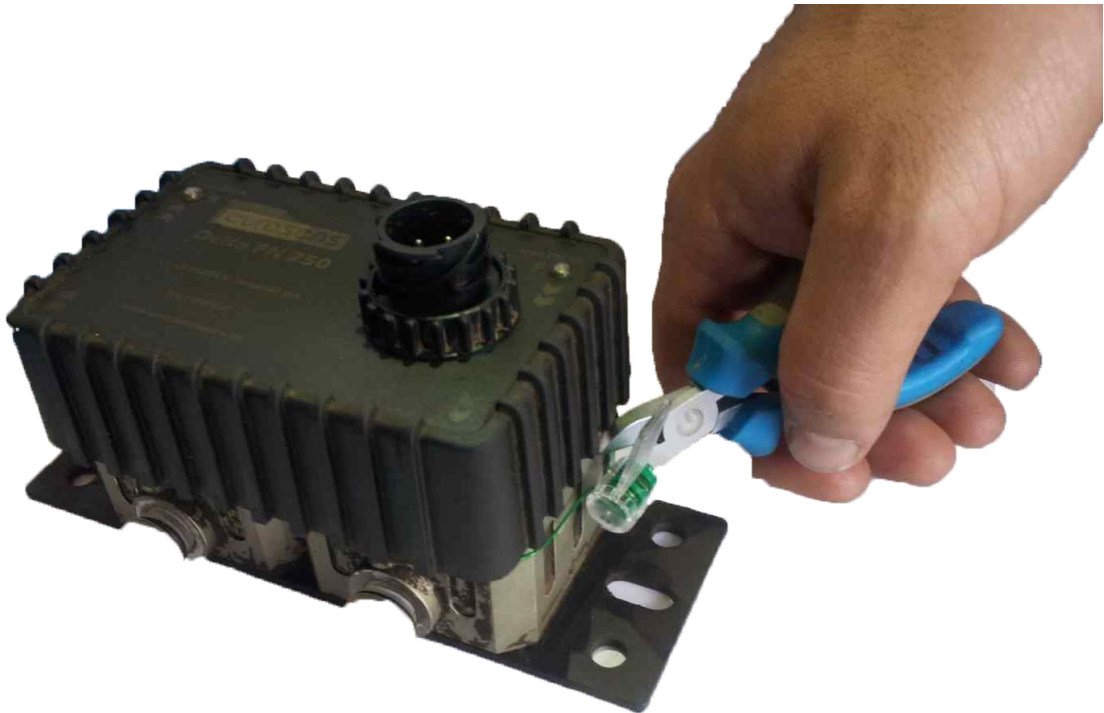


Sequence of actions:



1.unsealing

- 1.1. With the help of nippers, snack a sealing rope and remove the seal;
- 1.2. Record its serial number and sensor number, subsequently report the disassembly-assembly to the customer service



2. Removing the bracket

- 2.1. Turn the sensor over by attaching it to the electronics cover
- 2.2. Unscrew 8 screws securing the brackets using a Phillips screwdriver
- 2.3. Remove the bracket



3. Removing the electronic unit

3.1. Using a special key, unscrew the 4 sealing bolts between the camera covers and the electronic unit



3.2. Remove the cover of the electronic unit by sliding it horizontally and placing it in parallel with the sensor chambers in order to correctly determine the clogged chamber. ATTENTION! Do not touch heat-conducting insulators!





3.3. Flag a defective camera with a pencil

4. Dismantling the defective camera

4.1. Unscrew the 4 fixing screws of the camera cover using a Phillips



screwdriver

4.2. Remove the cover

4.3. Get the ring



5. Cleaning the Camera

5.1. Carefully inspect all cavities of the chamber and the ring for the presence of foreign inclusions (objects, sorines, various particles)

5.2. Blow all parts with compressed air (if any)

5.3 Rinse the ring in a clean diesel or kerosene

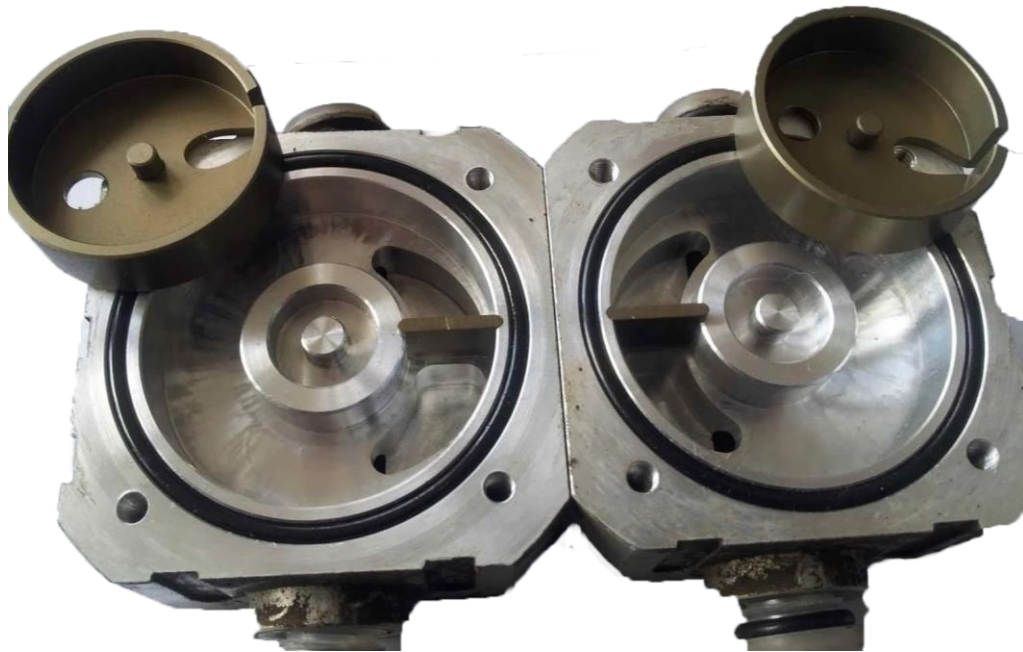
5.4. Rinse the cover in a clean diesel or kerosene

5.5. Rinse the chamber (built-in cavities) in clean diesel or kerosene

ATTENTION! It is recommended to make all work in a dustproof place.

5.6. Carefully inspect the camera and all the details for the presence of foreign inclusions

5.7. Wear the ring on the jumper



5.8. Cover with cover, tap cover fixing bolts



6. Assembly

6.1. The assembly is carried out in the reverse order of paragraphs 3, 2, 1 of this manual.



6.2. All screws are pressed to the stop.

6.3. When sealing the cameras, it is important to tighten the sealing cable tightly.

6.4. After the work is finished, the numbers of the seals are recorded and sent to the Service Center with the sensor number, contact details of the person who cleansed, and the consumer organization.